

KALAMAZOO COLLEGE
2011-12 ACADEMIC CATALOG

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Academic Catalog

Overview

College Mission

The mission of Kalamazoo College is to prepare its graduates to better understand, live successfully within, and provide enlightened leadership to a richly diverse and increasingly complex world. As a highly selective, nationally renowned, and internationally oriented four-year college of arts and sciences, Kalamazoo College has developed a tradition of excellence in the fulfillment of this mission through its own unique curriculum.

Directions for Correspondence

Requests for specific information on the following topics should be directed to the individuals named below at the following address: 1200 Academy Street, Kalamazoo, Michigan 49006. The general information telephone number for the College is (269) 337-7000. For admission information, call (800) 253-3602 or (269) 337-7166.

| | |
|---|--|
| President | Eileen Wilson-Oyelaran |
| Academic Affairs | Michael A. McDonald, <i>Provost</i> |
| Admission of Students | Eric Staab, <i>Dean of Admission</i> |
| Advancement | Albert J. DeSimone, <i>Vice President for Advancement</i> |
| Alumni Relations | Kim Aldrich, <i>Director of Alumni Relations</i> |
| Business Matters | James Prince, <i>Vice President for Business and Finance</i> |
| Career and Professional Development | Joan Hawxhurst, <i>Director, Center for Career and Professional Development</i> |
| Financial Aid | Marian Stowers, <i>Director of Financial Aid</i> |
| Registration, Records, and Transcripts | Ted Witryk, <i>Registrar</i> |
| Student Affairs | Sarah Westfall, <i>Vice President for Student Development and Dean of Students</i> |
| Study Abroad | Joseph L. Brockington, <i>Director of the Center for International Programs</i> |

General Information

Kalamazoo College is fully accredited by the North Central Association of Colleges and Secondary Schools. It is an institutional member of the American Council on Education, the College Entrance Examination Board, and the Association of American Colleges.

The College is a member of the Great Lakes Colleges Association (GLCA), the Michigan Intercollegiate Athletic Association (MIAA), and the National Collegiate Athletic Association (NCAA) Division III.

An equal opportunity employer, Kalamazoo College is committed to equal rights, equal opportunities, and equal protection under the law. The College administers its programs without regard to race, creed, religion, age, sex, national origin, height, weight, marital status, physical disability as protected by law, or sexual orientation. The College's definition of sexual orientation proscribes discrimination based on a person's heterosexuality, homosexuality, bisexuality, or gender identity, actual or presumed. Inquiries should be addressed to the Human Resources Manager, Laura Andersen.

The Academic Catalog contains the most accurate information available at the time of publication. The online version of the Academic Catalog can be seen at <http://www.kzoo.edu/catalog/>. Statements contained herein or on the online version are not contractual obligations, and verbal or other representations that are inconsistent with or not contained within the catalog's offerings or policies are not binding. Kalamazoo College reserves the right to change, without specific notice, offerings, policies, procedures, qualifications, fees, and other conditions.

Policies

Honor System

The mission of the College is the education of men and women to prepare them for productive lives and fruitful participation in society.

Members of the Kalamazoo College community come to teach, study, and work here because the College's mission and community statements correspond to their values. This community of individuals holds these values in common, despite our diversity. However, we recognize that this community is a fragile balance of cooperation, goodwill, and dependence, ever in need of renewal as new members enter it.

The Honor System is a set of mutually held principles freeing us to create an environment of living and learning that will foster understanding, mutual respect, intellectual curiosity, and social commitment. We ask the members of the Kalamazoo College community to pledge themselves to creating and protecting a sense of honor in their lives, and we call upon them to act when they observe actions that

are in conflict with these principles.

Taking Responsibility for Personal Behavior

To develop academic and social growth, we commit ourselves to free inquiry, openness to different points of view, and honesty in speech and conduct. In our attitudes and actions, we aim beyond selfishness and parochialism.

Respecting Others

To enhance our community, we accept responsibility for its social well-being. We commit ourselves to treat with respect those with whom we differ, to recognize the rights held by others, and to resolve conflicts. Expressions of prejudgment and prejudice are contrary to this mutual respect and prevent the fostering of community.

Nurturing Independent Thought

To safeguard the integrity of academic work and research, we accept responsibility for our own scholarly performance. We regard false representation of our scholarly work as unacceptable because it undermines our integrity and that of the community. We commit ourselves to knowing under what conditions scholarly research is to be conducted, the degree of collaboration allowed, and the resources to be consulted.

Accepting Environmental Responsibility

To maintain and improve the condition of our physical environment, we commit ourselves to the respectful and prudent stewardship of our community's material and natural resources.

Academic Freedom

Liberal learning requires for its highest effectiveness an environment of free inquiry in which the whole range of human aspiration and achievement, knowledge, and culture can be subjected to searching scrutiny. Liberal learning believes that people should be free to construct and criticize without restraint of official dogmatism. Liberal learning specifically denies that if an idea is unpopular it is therefore suspect, or that if an idea is popular it is therefore true, and trusts instead in those canons of discrimination that are given in the Western tradition of historical scholarship and ethics.

Standing self-consciously within this tradition of liberal learning, Kalamazoo College claims for its teachers and students the freedom to engage in the careful and critical examination of the history of ideas; the freedom to create, to hold, to advocate, and to act on behalf of ideas that express their own convictions and integrity; the freedom to engage in the controversy that an unfettered examination and expression of ideas generates; and the freedom to invite to campus representatives of points of view that are important to an informed understanding of the conflict of ideas in our own time.

Since freedom of any kind always exists within certain clearly understood boundaries, these freedoms are subject to the following limitations:

1. The freedom of individual members of the College to hold, advocate, and act on behalf of ideas does not entail the right to receive endorsement or support of those ideas from the College as a corporate body. It is understood that no one may act as a spokesman for the corporate institution who has not been expressly authorized to do so.
2. Ideas held, whether by members of the College or by its guests, may be advocated openly in order that the processes of learning and of advocacy may be served by open criticism and by counter-advocacy.
3. It is understood that both advocacy and action will avoid destruction of property and injury to the personal or intellectual rights of others.
4. It is understood that the commonly accepted prohibitions against plagiarism, slander, libel, and incitement to force or violence are in effect in the exercise of these freedoms.
5. It is understood that freedom of advocacy and action does not entail the right to violate the regulations of the College with impunity.

The Board of Trustees affirms its belief in upholding academic freedom on the campus. It is convinced that the maximum educational opportunity occurs when the College preserves for all its members the right to question, to debate, to criticize, and to dissent. On the other hand, it is equally convinced that freedom is only possible in an environment predicated on peace and orderliness. Therefore, the Board of Trustees wishes it clearly understood that lawlessness, either on campus or off campus, and interference with the College's educational process cannot be condoned.

Student Records

Student Records: Notification of Student Rights under FERPA

The College subscribes fully to the guidelines set forth in the Family Educational Rights and Privacy Act (FERPA) of 1974, Section 438 of the General Education Provision Act. It provides students who have matriculated access to records directly related to them and protects the information contained within those files from unauthorized persons.

The Family Educational Rights and Privacy Act (FERPA) is a federal law that applies to educational agencies and institutions that receive funding under a program administered by the U.S. Department of Education. It affords students certain rights with respect to access to, amendment, and disclosure of their education records. Specifically, these rights include:

1. **The right to inspect and review the student's education records within 45 days of the day the College receives a request for access.**

A student should submit to the Registrar or Vice President for Student Development and Dean of Students, or other appropriate official, a written request that identifies the record(s) the student wishes to inspect. The College official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the College official to whom the request was submitted, that official shall advise the student of the correct official to whom the request

should be addressed.

- 2. The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.**

A student who wishes to ask the College to amend a record should write the College official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed. If the College decides not to amend the record as requested, the College will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

- 3. The right to provide written consent before the College discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent.**

The College discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the College has contracted as its agent to provide a service instead of using College employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the College.

Upon request, the University may also disclose education records without consent to officials of another school in which a student seeks or intends to enroll. In such cases, the College will make reasonable efforts to notify students of this action.

Exceptions

Exceptions to the rights outlined above relate, primarily, to student and/or campus safety issues. The limited occasions when a student's consent is not required to disclose personally identifiable information include:

- 1. To protect the health or safety of students or other individuals. Such a release of information could include medical or law enforcement personnel, public health officials, and parents. This information may include medical or health treatment records.*
- 2. The final results of an institutional disciplinary proceeding to an alleged victim of any crime of violence or non-forcible sex offense.*
- 3. To provide timely warning and information of crimes that represent a threat to the safety of students or employees.*
- 4. To provide information from campus law enforcement units to others.*
- 5. To comply with the Student and Exchange Visitor Information System requirements.*
- 6. To another institution at which the student seeks or intends to enroll.*
- 7. To parents if a student is a dependent for income tax purposes, if a health or safety emergency involves their child, or if a student under the age of 21 has violated any law or policy concerning the use or possession of alcohol or other controlled substance. Please note that disclosure of information to parents in these circumstances is permitted, not required. The policy of Kalamazoo College is to notify parents only in the case of a health or safety emergency or other set of extraordinary circumstances that affect a student's status at the college.*

- 4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA.**

The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5901

Maintaining Accurate Academic Records

The official academic record of a student is the file maintained in the Registrar's Office. This file contains all official enrollment and academic information. It is the responsibility of students to have all pertinent information regarding declarations, changes, waivers, exemptions, substitutions, scores, and transcripts on file in the Registrar's Office.

Any appeal for a change to the official Kalamazoo transcript record must be made within one year of the original recording. After one year, the transcript record is considered the permanent record.

Requests for Release of Educational Records

Students may request that educational records (including units attempted, units earned, grades, GPA, address, phone number, class schedule, and student conduct/disciplinary records) be shared with other entities by submitting a written request to the appropriate office. For example, many graduate schools and employers seek grade transcripts and disciplinary information. Students may contact the Office of the Registrar (transcripts) and the Office of the Vice President for Student Development and Dean of Students (disciplinary records) to request the release of these records.

Transcript request requests can be made in person, through ground mail, via fax, through the Hornet Hive, or through the Student Clearinghouse. Requests for official transcripts must include the appropriate fee. The Student Clearinghouse is the best method for

obtaining transcripts quickly.

The College reserves the right to withhold a request if there is an outstanding financial obligation to the College or an unresolved disciplinary action.

Directory Information

“Directory information” is defined by FERPA as information contained in the education records of a student that would not generally be considered harmful or an invasion of privacy if disclosed. This information does not require student consent for release. Kalamazoo College defines directory information as:

- Name
- Dates of attendance
- Classification (first year, second year, etc.)
- Enrollment status (full- or part-time)
- Campus box number from the directory
- Campus telephone listing from the directory
- Campus e-mail address
- Photograph/image
- Date and place of birth
- Most recent educational agency or institution attended
- Major field of study (including minors and concentrations)
- Degree conferred (including date)
- Honors and awards
- Participation in officially recognized activities and sports
- Height and weight of members of athletic teams
- Leadership positions at Kalamazoo College

Defining directory information does not obligate the institution to release information, but means that the College may release the information without the consent of the student. Careful consideration is given to all requests to ensure that information is not released indiscriminately.

Students may file a written request that their directory information be withheld by submitting it to the Vice President for Student Development and Dean of Students. This request will then be shared with the appropriate parties at the College.

Admissions Policies

Kalamazoo College seeks talented students from diverse backgrounds who are looking for the academic and personal challenges that are offered in a Kalamazoo College education. In determining admission, consideration is given to many different expressions of a student’s qualities and abilities: scholastic achievements, performance on standardized tests, extracurricular activities, and other experiences. Admission is very selective and is offered to those applicants whose academic and personal qualities promise success.

First Year Students

Kalamazoo College operates under a traditional admission calendar and offers three different admission programs for First-Year Students. For deadline and notification dates, please contact the Office of Admission. Admission is to the fall term only.

Early Decision

This program is designed only for those whose clear first-choice college is Kalamazoo. Students who are admitted under this program will be offered an estimate of financial assistance at the same time they learn of admission. This is a binding program, so the students admitted to Kalamazoo College under this program must pay a commitment deposit no later than January 15 or forfeit their offer of admission for the fall.

Early Action

This program offers the opportunity to learn of admission status early, but enables students to pay commitment deposits at any time up to May 1. Offers of financial aid will be mailed to these applicants in mid-March.

Regular Decision

This program is designed for students who do not wish to be part of the early programs. Notification of admission decisions will be mailed at least 4 weeks in advance of the May 1 deadline for commitment deposits.

Application Components

Applicants should note that all components of the application packet must be postmarked by the application deadlines in order to be considered on time. Only those files that are completed will be reviewed for decisions.

1. **Application Form.** Students must use the on-line Common Application. Kalamazoo College requires a supplement to the Common Application that may be obtained from the College website or the Common Application web site.
2. **High School Transcript.** An official high school transcript should be furnished by the secondary school at the time the student applies for admission. A final transcript will be required at the end of the senior year.
3. **Secondary School Report.** The secondary school report form must be submitted by the applicant to the secondary school counselor, who should send the completed form and a letter of recommendation to Kalamazoo College. In addition, a midyear report is required.
4. **Essay.** The essay helps us to become acquainted with a student in ways different from courses, grades, test scores, and other

- objective data. It enables students to demonstrate their ability to organize thoughts and express themselves.
5. **Teacher Evaluation.** The teacher evaluation form should be given to a teacher who has taught the applicant in an academic subject within the last two years. The completed form and a letter of recommendation should be returned by the teacher to Kalamazoo College.
 6. **Application Fee.** Applications must be submitted with a nonrefundable \$40 fee, payable on-line with a credit card when using the Kalamazoo College on-line application or the on-line Common Application. The application fee may also be paid by check or money order payable to Kalamazoo College and mailed directly to the Office of Admission.
 7. **Standardized Tests.** Scores from either the Scholastic Aptitude Test (SAT) of the College Board or the ACT are required of all applicants. It is recommended that all applicants take one or both of these tests in their junior year, but no later than December of the senior year. The writing section of the chosen test is required.
 8. **Financial Aid.** Candidates applying for financial aid should note this in the appropriate space on the admission application form. Applicants for financial aid based on need must submit the Kalamazoo College Supplemental Financial Aid Form (K-Supp) plus the Free Application for Federal Student Aid (FAFSA).

Campus Tour and Visit

Prospective students and their families are invited to visit the campus. Appointments may be made through the Office of Admission during regular business hours (8 a.m. to 5 p.m. Eastern Time) Monday through Friday. From October to May, the office is open Saturday mornings by appointment. To arrange a visit, call the Office of Admission toll-free at (800) 253-3602 or locally at (269) 337-7166; visit our web site at www.kzoo.edu/admissions; or send an e-mail, including your full name, address, and telephone number, to admission@kzoo.edu.

Transfer Students

Kalamazoo College welcomes transfer students each fall. Kalamazoo College subscribes, in general, to the Michigan Association of Collegiate Registrars and Admission Officers (MACRAO) agreement concerning general education requirements at participating colleges. Some restrictions, however, do apply. Please see the section below on Transfer Credit. Because of the varied cocurricular opportunities at Kalamazoo, it is essential that students interested in transferring do so as early as possible to take advantage of the many options available. Transfer student applications must be completed by no later than May 1.

International Students

International students should write to or e-mail the Office of Admission regarding admission. To be eligible for admission, international students must be competent in the use of the English language. The Test of English as a Foreign Language (TOEFL) or the Michigan English Language Assessment Battery (MELAB) is required. On-line application is required. International students may choose to apply as Early Decision, Early Action, or Regular Decision candidates.

Dual Enrollment for High School Students

Kalamazoo College has a dual enrollment program for those high school students who, with the approval of their principal, wish to enroll for college credit while still in high school. Students are asked to call the Office of Admission for a dual enrollment application, course information, and information about costs. Enrollment in courses is predicated on availability and prerequisites. High school students may not enroll in first-year seminars.

Transfer Credit

New Transfer Students

Determination of transfer credit will be made at the time of enrollment. All credit is awarded by the Registrar in consultation with departmental faculty. Transfer students must meet all Kalamazoo College degree requirements, including the Residency Requirement.

Transfer Credit Policies

All transfer credits must be earned from a regionally accredited institution with a grade of C or above (C- is not acceptable). Credit transferred in from other institutions is not used in the calculation of the Kalamazoo College cumulative grade point average (GPA).

Transfer units may be used to satisfy the language and physical education requirements. Transfer students who have, prior to admission, already taken a first-year seminar or English composition course similar in content to the first-year seminar at Kalamazoo College may apply that course toward the first-year seminar requirement. Transfer units may not be used to satisfy the sophomore or senior Shared Passage Seminar or cultures requirements. Transfer units may be used toward majors, minors, and concentrations at the discretion of the faculty in the associated department or program.

All work to be considered for transfer credit must be submitted on an official transcript sent directly from the transfer institution to Kalamazoo College or in a sealed envelope with the registrar's signature across the seal. The College reserves the right to deny transfer, Advanced Placement, or International Baccalaureate credit not reported within the first year of enrollment.

Advanced Placement (AP)/International Baccalaureate (IB)/A-Level Credit

Upon enrollment at Kalamazoo College, students will be granted one unit of credit toward graduation for each subject area in which they earn a score of 4 or 5 on the College Board Advancement Placement Examination or a score of 5 or higher on the Higher Level examinations of the International Baccalaureate. Credit may also be granted by the Registrar at the time of enrollment for General Certification of Education, Advanced Level (A-Level) examinations with grades of C or better. Placement or credit toward a major, minor, or concentration may also be granted at the discretion of the department or program; a table of examples for various subject areas may be found online under Academics and Admission. No placement or transfer credits may be used to satisfy sophomore or senior Shared Passage Seminar or cultures requirements.

Dual Enrollment Credit

Dual enrollment credit is credit taken at a regionally accredited institution of higher education while a student is still in high school. While this credit may have been used to satisfy high school diploma requirements, it must have been taken at an accredited institution of higher education. All general transfer credit policies apply to dual enrollment credit. Students bringing dual enrollment credit into Kalamazoo College will be classified as first-year students for the entire first academic year and will be required to follow all policies in effect for first-year students.

Expenses, Refund Policy, Fees

The tuition and fees listed represent the charges for the 2011-2012 academic year. In planning for the following year, students should expect an increase in line with rises in institutional costs.

Charges Per Quarter

NOTE: The Board of Trustees reserves the right to change fees prior to the opening of any quarter.

| | Resident Student | Commuter Student |
|----------------------|-------------------------|-------------------------|
| Tuition | \$11,836 | \$11,836 |
| Student Activity Fee | 104 | 104 |
| Room | 1,313 | 0 |
| Full Board Plan | 1,380 | 0 |
| Total | 14,633 | 11,940 |

The college offers the seven board plans listed below:

| Meal Plans | Description* | Quarter |
|-----------------------|--|----------------|
| Carte Blanche Premium | 20 meals/week + \$115 munch money/term* | \$1,480 |
| Carte Blanche+ \$15 | 20 meals/week + \$15 munch money/term* | 1,380 |
| 15 meals Premium | 15 meals/week + \$125 munch money/term* | 1,400 |
| 15 meals+ \$25 | 15 meals/week + \$25 munch money/term* | 1,300 |
| 10 meals Premium | 10 meals/week + \$135 munch money/term* | 1,190 |
| 10 meals+ \$35 | 10 meals/week + \$35 munch money/term* | 1,090 |
| 100 Block + \$100 | 100 meals/week + \$100 munch money/term* | 1,264 |

*Munch Money for all meal plans will carry over from term to term. However, any unused Munch Money at the end of the spring term will be forfeited.

Students can change their board plans up to the Thursday of the 1st week each quarter.

Students enrolled on campus will incur a \$104 Student Activity fee per quarter.

A normal course load at Kalamazoo College is three units. If a student takes two or four courses, the tuition cost remains the same.

Of particular significance to those students participating in the study abroad program is the subsidy repayment that is required should they withdraw from the College. The Board of Trustees has designated \$1,300 as the amount that must be repaid to the College before a transcript may be released for those who consider transferring from the College after having participated in study abroad. This fee is payable at the time a transcript is requested and is refundable upon completion of the degree if the student remains at or returns to the college. (Further information regarding penalties for withdrawal from the study abroad program may be found in the "Center for International Programs" section of this catalog.)

Entering students will pay a fee deposit of \$350 to reserve a place in the class; this also reserves space in a residence hall. It is credited against the bill for tuition and fees. New students will be notified of the due date for the fee when they are admitted to the College. All drafts and checks should be made payable to Kalamazoo College.

Quarterly payments are due on prior to the opening of each quarter. Bills not paid by the due date will be considered past due; students will be assessed a late charge of 1.5 percent per month on any past due balance. In addition, a registration hold will be placed on the student's account Monday of 6th week preventing registration for the following quarter. Lastly, the registration hold will become an administrative withdrawal from the college as of 5pm on the 1st day of the following quarter. The hold will be removed once the balance is paid or the student has made acceptable payments arrangements with the Student Accounts office.

Transcripts cannot be released until all financial obligations are met.

The College offers a tuition payment plan through the Student Accounts Office. For information please visit: www.kzoo.edu/billing

Kalamazoo College Refund Policy

When a student chooses to withdraw from the College, we recommend the student start the withdrawal process with the Office of the Dean of Students. The student will receive useful information about separating from the College and in some cases will be advised to meet with a staff person from the Office of Financial Aid.

Tuition, Room & Board: The refunding of tuition will be based on the official date of withdrawal and room and board charges will be based on the date the student vacates the room. Charges are pro-rated based on the number of days enrolled to the number of days in the term, including weekends and holidays. At the point where the number of days enrolled is at or greater than 60 percent of the term, there will be no refund of charges. (Further information regarding penalties for withdrawal from the study abroad program may be found in the "Center for International Programs" section of this catalog.)

Financial Aid: The effect that a withdrawal has on financial aid varies with the provider of the financial aid. Federal, Title IV financial aid will be returned to the U.S. Department of Education according to federal regulation. This regulation uses a daily pro-ration of financial aid earned based on the number of days enrolled to the number of days in the term, including weekends and holidays. At the point where the number of days enrolled is at or greater than 60 percent of the term, there will be no return of federal funds. Institutionally-funded scholarships and grants will use this same pro-ration method. Financial aid from the State of Michigan will be returned to the Michigan Department of Treasury according to the formula specified by the state. The state's refund is based on percentage of tuition paid by the program to the percentage of tuition refunded back to the student. (Further information regarding penalties for withdrawal from the study abroad program may be found in the "Center for International Programs" section of this catalog.)

A student who receives a refund of federal financial aid after the posting of institutional charges and subsequently withdraws from the College before 60 percent of the term is over will be subject to the federal return of funds policy on a portion of the funds they received back as a credit on their account. Such an outcome is unlikely to occur, but may occur when a student has no charges on their account for room and board as a result of living off campus.

Whenever possible, a student who receives any financial aid should attempt to consult with staff in the Office of Financial Aid before withdrawing. A student who successfully gains re-admittance to the College will be considered for need-based aid or merit scholarships under certain conditions. Reinstatement of need-based institutional, federal, and state aid is subject to application requirements and availability of funds. Students seeking reinstatement of institutional scholarships will automatically be considered for reinstatement upon official notice of re-admittance from the Registrar. If the student left in good academic standing and campus citizenship and still has remaining terms of eligibility, they will have their scholarship(s) reinstated.

Special Fees

| | |
|---|---------|
| > .80 to 1.4 Registered Units | \$3,945 |
| > .40 to .80 Registered Units | 2,256 |
| > .20 to .40 Registered Units | 1,128 |
| Up to .20 Registered Units | 564 |
| Student Activity Fee (on-campus students per qtr) | 104 |
| LandSea Program | 2,191 |
| Special Secondary School Fee (per course) | 1,091 |
| On-line Admission Application (nonrefundable) | 40 |
| Matriculation Fee | 100 |
| Advanced Deposit (Nonrefundable) | |
| First-Time Students | 350 |
| LandSea Program | 100 |
| Study Abroad | 300 |
| Applied Music Fee | |
| Half-hour private lesson per week for 10 weeks | 256 |
| One-hour private lesson per week for 10 weeks | 512 |
| One-hour group lesson per week for 10 weeks | 168 |
| Official Transcript Fee | 3 |
| Tuition Payment Plan Enrollment | 50 |

The College reserves the right to pro-rate the refund of room and board based on the actual date of usage.

Financial Aid Programs

In a sense, every Kalamazoo College student receives a scholarship. Tuition and fees at the College cover only about two-thirds of the cost of an education. The remainder is made up from funds from endowments, gifts to the College, the Annual Fund, and other sources.

Additionally, through the generosity of alumni and friends, many named scholarships have been endowed to support students at Kalamazoo College. The Office of Financial Aid awards these funds, matching students with the criteria established by each donor.

Kalamazoo College believes in both financial aid based on promise and ability and financial aid based on need. For information about merit scholarships, contact the Office of Admission. For information about need-based awards, contact the Office of Financial Aid. Both offices are located on the first floor of Mandelle Hall.

Merit-Based Aid Programs

The College offers several scholarships based on merit criteria: Lux Esto, Trustee, Presidential, Founders, and Passages. These merit scholarships are awarded by the Office of Admission. These scholarships range from \$5000 to \$18,500 per year (renewable for up to four years). These awards are given to students who combine strong academic achievement with significant engagement in cocurricular, work, and voluntary activities. First-year students and transfer students admitted to the college will be considered for these merit scholarships. No additional application is required.

Other scholarship opportunities are available to first-year students, provided in the form of our **Enlightened Leadership Awards** and **Social Justice Award**. Students are selected through a competitive application process. Awards are \$5000 per year for up to four years. Complete details about the process to enter the competition for these awards can be found on our Office of Admission web page.

The College sponsors National Merit Scholars who are selected as finalists by the National Merit Scholarship Corporation. Finalist must be admitted to the College by March 1 and must have Kalamazoo listed as their first college choice.

Heyl Scholarship Program

Kalamazoo College has long been respected for the strength of its science program, and this is reflected in the Heyl Scholarship Program. A science scholarship fund established by Dr. Frederick W. Heyl and Elsie L. Heyl provides scholarship support for students graduating from the Kalamazoo Public Schools or earning a certificate of completion from the Kalamazoo Area Math and Science Center to attend Kalamazoo College and major in one of the departments in the Division of Natural Sciences and Mathematics.

The scholarships are highly competitive and are renewed annually, provided the recipient maintains a grade point average of 3.0 or better while making normal progress toward a major in one of the above departments. A Heyl Scholarship covers full tuition and fees plus room charges and a book allowance. A student cannot simultaneously hold another scholarship awarded by the College and a Heyl Scholarship. However, scholarships offered by agencies outside of the College may be held concurrently, unless the combined scholarships exceed the "total cost of attendance," as defined by the Office of Financial Aid. Heyl Scholarships are not based on financial need, and some students may qualify for additional need-based financial aid from the College. Heyl Scholarships also cover tuition and fees for study abroad programs. Any situations that require a student to spend extra quarters on campus require a request for additional financial support. Students should direct this request to the Executive Director of the Heyl Scholarship Fund.

The Heyl Scholarship Fund also provides fellowships to any student graduating from Kalamazoo College with a major in the Division of Natural Sciences and who wishes to pursue graduate study in selected science fields at Yale University. Students who are interested in this program are encouraged to contact the Executive Director of the Heyl Scholarship Fund early in their senior year. Students should provide notice of their intent to apply and verify that their field of interest qualifies for Heyl support.

Postgraduate Fellowships

Many Kalamazoo College students compete for assistance in financing postgraduate education. The College specifically administers the Herbert Lee Stetson Fellowship, which was established by President Stetson's will to assist with graduate work at Harvard, Yale, or Johns Hopkins Universities, the University of Chicago, or at a European university. College faculty members act as coordinators for the application process for a number of other fellowship programs including, but not limited to, the following: Fulbright, Goldwater, James Madison, Rhodes, Marshall, Truman, teaching assistantships in France, and the German University fellowships. Interested students should contact Diane Kiino, Director of Health Sciences and Chair of the Graduate Fellowship Committee. As noted above, the Heyl Scholarship Fund provides fellowships for graduate study in selected science fields at Yale University.

Need-Based Aid Programs

Kalamazoo College participates in the following federal and state aid programs: Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal Work/Study Program, Federal Perkins Loan, Federal Direct Stafford Loan, Michigan Competitive Scholarship/Michigan Tuition Grant, the Federal Direct *Unsubsidized* Stafford Loan, and the Federal Direct PLUS (Parent) Loan.

In addition, the College is committed to the provision of Kalamazoo College Grants and the many endowed and annually funded scholarships that are based on financial need.

Within its resources, the College strives to meet the financial needs of its students. These are the steps that a student must follow to apply for need-based financial aid at Kalamazoo College:

1. Apply and be accepted for admission to the College.
2. Submit a completed Free Application for Federal Student Aid (FAFSA) via the web at FAFSA.ed.gov or by sending a paper application to the address in the FAFSA instructions. Be sure to list Kalamazoo College (code 002275) as one of the schools to receive your data. This form is used to determine eligibility for federal and state awards.
3. Submit a completed Kalamazoo College Supplemental Form if you wish to apply for College funds in addition to federal and state dollars. The Kalamazoo College Supplemental Form may be accessed on the College's Web site. The Kalamazoo College Supplemental Form has no processing fee.
4. First time applicants who are awarded financial aid based on need may be asked to submit a copy of the parent(s)' federal tax return (including all schedules and W2s) and a copy of the student's federal tax return to the Kalamazoo College Office of Financial Aid. Please do not send copies of tax returns unless you are requested to do so by the Office of Financial Aid.
5. If you are a Michigan resident, take the ACT test before December of your senior year in high school and arrange to send scores to the State of Michigan for Michigan Competitive Scholarship consideration. High school counselors have information about test dates.

Financial Aid Policies

The following policies affect the amount of, and eligibility for, financial aid at Kalamazoo College:

1. College financial aid is awarded to those students participating as regular students in the normal academic program for the

- purposes of obtaining a first bachelor's degree.
2. *College funded aid* is awarded on an academic-year basis for those quarters in which the student is enrolled as at least a three-quarter time student. Enrollment in a course as a repeat of a first attempt cannot be counted toward enrollment for financial aid eligibility unless the original grade was a D, F, NC, or NG.
 3. The type, amount, and composition of the financial aid package will vary from year to year according to family circumstances and funds available to the College for distribution. If the family encounters a change in its financial situation after the application materials have been filed, they should contact the Office of Financial Aid.
 4. Incoming students should apply by February 15th for first priority funding. Continuing students should file as close to March 1st as possible. Continuing students complete only the FAFSA. If selected for verification, we request copies of tax returns and the completion of a verification worksheet. Continuing students who are residents of the state of Michigan risk reduced funding from state need based program if they file later than March 1st. Otherwise, the College considers students who file by April 1st to be on time.
 5. Financial aid will be credited to each student's account on the first day of classes each quarter. Aid items that arrive from external sources in the form of a check will be deposited to the student's account for the student's use and will not be available until the first day of classes.
 6. All aid awarded by sources other than Kalamazoo College must be reported to the Office of Financial Aid. The financial aid package will then be re-evaluated to incorporate these resources.
 7. Priority for campus jobs is given to financial aid recipients who have been designated as eligible to earn funds under the Federal Work/Study program. Campus employment assignments are made without regard to race, creed, age, sexual orientation, national origin, or physical disabilities.
 8. Kalamazoo College wants to assure that students progress toward graduation in a timely and successful manner. Furthermore, federal regulations require that we implement a policy that measures the academic progress of our students. Accordingly, financial aid provided from college, federal, and state funds is offered only to students who are making progress according to the terms of Financial Aid Satisfactory Academic Progress.

Financial Aid Satisfactory Academic Policies

Who determines if a student is making Financial Aid Satisfactory Academic Progress?

The Committee on Financial Aid Satisfactory Academic Progress (CFASAP) shall include the Director of Financial Aid (chair), the Registrar, the Dean of Students, and the Dean of First-Year and Advising.

How often is Financial Aid Satisfactory Academic Progress evaluated?

CFASAP meets every quarter following the Committee on Academic Standards' review of student grades to measure progress through that quarter. At the meeting following Spring Quarter, CFASAP also reviews academic year closing cumulative GPAs as well as quarterly activity.

What are the criteria and standards used to measure progress?

Qualitative measure: Grade Point Average (GPA) The Committee on Academic Standards finds the student GPA *sufficient for continued enrollment* at the College. Refer to the Academic Progress section of the Academic Policies and Procedures Section of the catalog. Additionally, federal regulations require that by the end of the student's sophomore year, the cumulative GPA must be 2.0 or above. The standard of a cumulative GPA of 2.0 is applied at the close of each grade level thereafter.

Quantitative measure: Students are considered eligible for financial aid only for those quarters which constitute a part of his/her program leading to graduation. The maximum duration (number of quarters) of financial aid eligibility for which a student is permitted to achieve a first bachelor's degree is twelve quarters. The twelve quarters include study abroad and GLCA programs.

Transfer students will have a review of their academic requirements made by the Registrar which will establish the number of units needed to achieve graduation. The Financial Aid Office assumes a standard of full time enrollment per quarter to determine the number of quarters of financial aid eligibility.

Note that in some circumstances, a single additional quarter of limited funding for on-campus study may be granted with special approval of the Director of Financial Aid. Such a quarter must be necessary for graduation and may not be the result of failures, underenrollment or poor planning.

Students who require full financial aid funding beyond the basic standard of twelve quarters may appeal in writing to CFASAP. The letter may be delivered to the Director of Financial Aid who will bring the appeal before CFASAP. In very unusual circumstances, CFASAP may authorize up to two additional quarters of assistance for sources for which the student is eligible which do not affect the availability of aid

for other Kalamazoo College students. The additional quarters granted may never be extended to permit a student to obtain aid for a period that exceeds six years of full time study or a similarly prorated time period for study that is not full time.

Successful completion to units attempted: A comparison is made to the cumulative number of units attempted to cumulative number successfully completed. Successful completion requires that a passing grade is received for a course. First-year students are expected to successfully complete 67% of the courses attempted. After the 9 units have been attempted, students are expected to successfully complete 75% of the courses attempted. Students who fail to meet this standard will be placed on Financial Aid Satisfactory Academic Progress probation.

The table illustrates the percentage of successful course completions to attempted:

| Units Attempted | Units Completed | Percentage Completed |
|-----------------|-----------------|----------------------|
| 6 | 4 | 67% |
| 12 | 9 | 75% |

| | | |
|----|----|-----|
| 24 | 18 | 75% |
| 33 | 25 | 75% |

Clarifications/explanations: Grades of F, NC, and W are not considered passing grades. Grades of I (Incomplete) must be successfully replaced with a passing grade within the timeline established by the Registrar. See section on "Grading Practices" in the Academic Policies section of the catalog for rules on incomplete grades.

When you repeat a course, removal of the first grade earned will count as an unsuccessful attempted unit.

If you need more than 36 attempts to complete your degree, you may petition CFASAP for permission to have an additional quarter of funding. Refer to length of time above.

What are the conditions associated with financial aid probation?

Once placed on probation, you must achieve the following:

- Enroll for 3 full unit courses
- Earn no grade of F, NC, W or I
- Earn no more than 1 grade of D

If the above conditions are not met, all financial aid for future quarters will be cancelled. When it appears there are mitigating circumstances, CFASAP reserves the authority to change the timing of cancellation.

What is the process to appeal a cancellation?

Since the Financial Aid Satisfactory Academic Progress Probation system allows every student at least one quarter to meet the terms of Financial Aid Satisfactory Academic Progress, cancellation should not be sudden or a surprising event to any student. Appeals will only be heard by CFASAP and its decision will be final. Appeals must be in writing and sent to the Office of Financial Aid. Consider the following when petitioning for appeal to cancellation of financial aid.

- **Content:** The appeal must state the reason the student believes s/he deserves reinstatement, what has been accomplished in the interim between cancellation and proposed reinstatement, and a commitment to maintain Financial Aid Satisfactory Academic Progress in the future. It may also include any other information the student feels is relevant to the case.
- **Timing of Reinstatement:** CFASAP will normally require one full academically successful quarter to be paid entirely by the student before considering reinstatement. Only in rare cases will an exception be made.
- **Conditions:** Students who are reinstated will be placed on Financial Aid Satisfactory Academic Progress probation and must meet the standards of such probation during the first quarter following reinstatement. CFASAP may elect to set a higher or longer standard in any individual case.
- **Subsequent Cancellation and/or Appeal:** Only in unusual cases will a student be reinstated following a second cancellation. Third cancellations are always final.
- **Responsibility for Notifying Students:** The Office of Financial Aid shall notify the student of CFASAP's decision in writing. All communication to CFASAP should be sent to the Director of Financial Aid.

NOTE: Since all Kalamazoo College students are considered to be fulltime, the standards within this policy are set for full-time enrollment. All standards will, however, function properly in the occasional term in which a student is not enrolled for three units.

If you find you still have questions or concerns about Financial Aid Satisfactory Academic Progress after reviewing this policy, please contact the Office of Financial Aid for assistance.

Merit scholarships that have been awarded from Kalamazoo College also carry specific renewal criteria that are in addition to the Satisfactory Academic Progress policy. Merit scholarships awarded by the Office of Admission require that you achieve a minimum cumulative GPA of 2.5 at the end of your sophomore year, and again at the end of your junior year in order for the scholarships to be renewed into your next academic year.

Academic Policies

It is the student's responsibility to be familiar with all policies and procedures of the College. It is ultimately the student's responsibility to meet all graduation requirements.

Academic policies and procedures are established by the faculty to ensure the integrity of the academic program at Kalamazoo College. The Committee on Academic Standards is charged by the faculty to take action on petitions made by students for adjustments to academic rules and policies. A petition must be made in writing and submitted to the Registrar to be forwarded to the Committee on Academic Standards.

Placement and Transfer Information

Placement of first-year students and transfer students into Kalamazoo College courses may depend on previous coursework, College Board Advanced Placement (AP) Examinations, the International Baccalaureate (IB), or departmental placement exams. The College does not place students, nor grant credit toward graduation, based on the College Level Examination Program (CLEP).

Chemistry and Mathematics Placement

Placement in chemistry and mathematics courses depends on scores earned on Kalamazoo College placement tests (offered online during the summer before the first year) or the appropriate College Board Advanced Placement Examination. See the Chemistry and Mathematics pages under the Courses of Instruction section for more information on placement in those departments. Placement does not imply academic credit toward graduation; see the Admissions Policies section of this catalog.

Foreign Language Placement

Students who have previously studied a foreign language must take a Kalamazoo College foreign language placement test. Placement in foreign language courses depends on the score earned on the Kalamazoo College placement test, a College Board Advanced Placement Examination, or an International Baccalaureate Higher Level examination. Students who have completed three or more years of foreign language in high school will not be placed in a 101 class. Placement does not imply academic credit toward graduation; see the Admissions Policies section of this catalog.

Transfer Credit

Advanced Placement (AP) Credit

Please refer to the Admissions Policies section of this catalog.

International Baccalaureate (IB) Credit

Please refer to the Admissions Policies section of this catalog.

Dual Enrollment Credit

Please refer to the Admissions Policies section of this catalog.

New Transfer Students

Please refer to the Admissions Policies section of this catalog.

Continuing Students

Summer Transfer Credit: Students who wish to receive credit for academic work completed over the summer must have the program and course(s) approved prior to their enrollment. Students may receive credit (with a grade of C or better) for courses taken at a regionally accredited U.S. college or university, on a program offered in the U.S. through a regionally accredited U.S. college or university, or from an appropriately accredited institution outside of the U.S. For U.S. institutions, the Registrar will determine whether the college or university is accredited and appropriate; for institutions and programs outside the U.S., the CIP will make that determination, along with checking into risk management issues. The Registrar's Office will work with appropriate departments to determine the appropriateness of the courses.

Transfer students may not transfer more than 18 total units toward graduation. Credit transferred from other institutions is not used in the calculation of the Kalamazoo College cumulative grade point average (GPA). A student may not transfer credit for a repeated course if the student earned credit (D- or better) for the original course.

Transfer units may be used to satisfy language and physical education requirements and, at the discretion of the departmental faculty, may be used toward majors, minors, and concentrations. All work to be considered for transfer credit must be submitted on an official transcript mailed directly from the transfer institution to the registrar. The College reserves the right to deny transfer credit not reported within the first year of enrollment.

Michigan Guest Student Enrollment

The Registrar's Office has forms for students wishing to take courses at another Michigan college or university. All transfer policies for continuing students apply to students participating in this program.

Study Abroad Course Credit

Students must obtain prior approval for participation in any study abroad program by applying to the Center for International Programs. See the section on Study Abroad Grades for information on how credit from approved courses is transferred. Study abroad courses do not apply toward the maximum allowable transfer units, and study abroad grades are not used to calculate the grade point average (GPA).

Interinstitutional Enrollment

Students may take advantage of opportunities offered by the Kalamazoo Consortium for Higher Education by enrolling in courses at Western Michigan University, Kalamazoo Valley Community College, or Davenport University. This program is intended to provide students the opportunity to take courses that are not available at Kalamazoo College but will add a meaningful dimension to their educational program. Juniors and seniors at Kalamazoo College may not take lower level credit at one of the other institutions without receiving special permission from the Office of the Provost prior to registration. Enrollment is considered on a "space available" basis. Students must adhere to the policies of both the home and host institutions during the time of interinstitutional enrollment.

Kalamazoo College students must be registered for a minimum of two Kalamazoo College units for the quarter in which they enroll in an interinstitutional course and must include the course as part of a normal full-time registration. Interinstitutional courses are not considered transfer course work and, therefore, do not apply toward the maximum allowable transfer units. The overload policy does, however, apply to the registration of interinstitutional courses; students may not register for more than two units at the host institution. Students are not encouraged to enroll in interinstitutional courses during the Spring quarter due to academic calendar dates, housing issues, and the fulfillment of requirements for graduating seniors.

Courses taken under the interinstitutional program are included in Kalamazoo College tuition charges and will appear on the Kalamazoo College transcript; the grade(s) received will be calculated in the Kalamazoo College GPA. Specific registration information and forms are available from the Registrar's Office.

Enrollment at Kalamazoo College

Credit

Credit is measured in terms of "units." In most cases, a course is equivalent to a single unit. Exceptions include some laboratory courses and a limited number of partial credit courses.

Each Kalamazoo College unit is equivalent to 5 quarter hours or 3.33 semester hours.

Course Load

Kalamazoo College is on the quarter system. Each quarter is composed of ten weeks of class plus an examination week, for a total of eleven weeks. Students normally carry a full-time course load of three units per quarter. This course load enables a student to complete all graduation requirements within 12 quarters.

Students may also, in certain circumstances, underload or overload (carry two or four units).

Underload

Students may choose to underload (take less than three units) in a given quarter in consultation with their advisor, the Office of Financial Aid, and the Registrar. Students who are registered for fewer than 2.4 units are not considered fulltime, are ineligible for participation in intercollegiate athletics, and may be ineligible for certain forms of financial aid and insurance coverage. Students who have brought in credits/units from AP, IB, dual enrollment, or transfer may not apply these units toward a specific quarter to offset an underload. Students may carry fewer than two units only under exceptional circumstances, as judged appropriate by the Dean of Students.

Overload

Students may be allowed to overload (register for four full-unit courses in a single quarter) after completion of their first quarter of enrollment on a space available basis (as determined by the Registrar) and on the condition that the following requirements are met:

- First year students: A minimum GPA of 4.00 is required at the time of the overload request and advisor approval is required. First-year students may not overload in their first quarter of enrollment.
- Second year students: A minimum GPA of 3.50 is required at the time of the overload request and advisor approval is required.
- Third year students and seniors: No minimum GPA is required; however, students on academic probation may not overload, and seniors may not overload in their SIP quarter. Advisor approval is required.

Residency Requirement

A minimum of 18 full-unit courses must be completed at Kalamazoo College, including 6 of the last 12 courses*. These minimum units exclude units earned on Study Abroad, study away (including GLCA programs), and interinstitutional registration.

**Students on approved programs for 3/2 engineering or health professions early entry programs are not subject to the requirement that 6 of the last 12 course must be at Kalamazoo College.*

Withdrawal, Leaves of Absence, and Dismissal from the College

Withdrawal

A student who wishes to withdraw from the College must contact the Associate Dean of Students in the Office of Student Development to complete an exit interview and the proper paperwork. During the exit interview, the student will receive information about separating from the College and about options for reinstatement, if appropriate. Students receiving financial aid are encouraged to meet with the Office of Financial Aid (please see the College's refund policy in the Expenses section of this catalog for complete details about refunds and financial aid). Students withdrawing during a quarter on campus will receive a grade of W for all courses in progress at the time of withdrawal.

Leave of Absence

In rare instances, a Leave of Absence may be granted to students experiencing significant hardship (including, but not limited to, medical, mental health, or family-related issues). This is a status conferred by the Associate Dean of Students and may require documentation. A leave of absence may be granted for up to an academic year, after which time the leave converts to a Withdrawn status. Reinstatement following a Leave of Absence may be subject to review by the Office of Student Development in consultation with the Health and/or Counseling staff. Students on a Leave of Absence will typically be informed of the information necessary for reinstatement at the time of their departure from campus or shortly thereafter.

Academic Dismissal

The Committee on Academic Standards meets at the end of each quarter to review the grades of all students. Students in academic difficulties may be put on academic probation or, in certain cases, dismissed from the College. (See the section on Academic Progress for more information about types of probation and academic dismissal.) Actions taken by the Committee on Academic Standards may be appealed by submitting a petition to the Registrar to forward to the Committee. Appeals will only be heard by the Committee on Academic Standards, and its decision will be final.

Administrative Withdrawal

The College reserves the right to administratively withdraw a student who does not return to campus for a planned on-campus quarter, whose enrollment falls below two units, or who fails to satisfy or make arrangements to satisfy any financial obligations.

Kalamazoo College is committed to the well-being and safety of its community members and to the integrity of its learning environment. The College may require a student to take an administrative withdrawal or leave of absence if the Vice President for Student Development and Dean of Students or designee deems a withdrawal necessary to protect the health and safety of the student or others or the integrity of the learning environment and campus community. Examples of such extraordinary circumstances include, but are not limited to: suicidal threats, self-starvation or purging behavior, ongoing substance abuse or addiction, serious threats of harm to others, or disruptive or destructive behavior. Similarly, a student who is not functioning as a student (attending classes and completing academic work) may be administratively withdrawn by the College. Before a required administrative withdrawal is considered, the Vice President for Student Development and Dean of Students or designee will encourage the student to take a voluntary withdrawal.

This policy and associated procedures do not take the place of disciplinary action associated with a student's behavior that is in violation of College policies, standards, or regulations. This policy is to be invoked in extraordinary circumstances in which, at the

discretion of the Vice President for Student Development and Dean of Students or designee, the regular disciplinary system cannot be applied or is not appropriate. The procedures related to this policy appear in the Student Handbook.

Reinstatement

A student who withdraws, is withdrawn, or is dismissed from the College may apply for reinstatement. In order to return to the College from a withdrawn or leave status, a student must make a request in writing to the Office of Student Development. The College reserves the right to require, review, and approve documentation that the student is qualified and ready to return to academic work. Students applying for reinstatement must do so no later than thirty days prior to the start of their anticipated quarter of return.

If a student withdrew from the College while on academic probation or was dismissed for academic reasons, the application will be forwarded to the Committee on Academic Standards for review. Students must indicate in writing how the problem that led to probation or dismissal has been resolved or addressed.

In the case of a voluntary withdrawal for medical/psychological reasons, or any administrative withdrawal under this policy related to a physical or mental health condition, the student must submit a written progress assessment from a treating health professional as part of their request for reinstatement. Kalamazoo College Health Services and/or Counseling Services may require a release from the student to discuss current treatment and follow-up needs with the treating health professional, in order to assess whether the student is qualified and ready to return to the College and whether the College can provide the followup care needed to maintain the student's enrollment. Kalamazoo Health and Counseling professionals will review this information and recommend to the Dean of Students or designee approval (with or without conditions of treatment, education, counseling, or other) or denial of the reinstatement.

After consulting with College health professionals and/or other appropriate College officials as necessary to facilitate an informed decision, the Dean of Students, with the approval of the Committee on Academic Standards if necessary, will make the final decision about reinstatement. In all cases, in order to return to Kalamazoo College, a student's financial account must be in good standing and any enrollment fees paid.

Students who interrupt their course of study for more than one academic year must, upon reinstatement, consult with the Registrar, who will make a determination about whether the student will follow the degree requirements of the Academic Catalog under which they were first enrolled or the catalog in effect when they are reinstated.

Registration and Student Schedule Changes

Registration

Students are expected to register during the designated registration periods for their next quarter on campus. Prior to registration, students are required to acquaint themselves with the class schedule, academic policies, procedures, and regulations in this catalog and the policies found on the Registrar's website. The student's advisor must clear the student to register before the student may register for classes. The Registrar's Office reserves the right to move students from one section of a course to another to balance the sections (if requested by the department) or to accommodate the schedules of all students registered for a particular course.

A student's registration is not finalized until the student's fees are paid or arrangements for payment have been made with the business office. The College reserves the right to withdraw a student for failure to meet the designated deadlines of registration. Registration may be denied a student for failure to adhere to health center regulations (such as failure to provide proof of vaccinations or other health information as required), lack of tuition payment, failure to declare a major by the end of the sophomore winter quarter, or as a result of disciplinary action.

Independent Study

A student may register for an independent study course (198/298/398/498) in an area of interest that is not available as a regularly offered course; or, under special circumstances (such as the unavailability of a required course), a student may take a regular course as an independent study. All independent study applications require the approval of the instructor, department chair, advisor, and Registrar. Independent Study is a full-unit course, and students may not receive credit for more than one independent study course per quarter nor for more than two independent studies during degree completion. Applications are due in the Registrar's Office by 5 p.m. Friday of the first week of the quarter.

Registering for the Credit/No Credit Option for Seniors

During the senior year, a student may elect to complete one letter-graded course as credit/no credit (CR/NC) if the following conditions are met:

- the course does not count toward the major, minor, concentration, or cognate of the major or minor (the CR/NC option may be used for a course within the major only after any requirements that the course would otherwise satisfy have already been completed);
- the individual instructor approves the CR/NC option; and
- the appropriate forms are on file in the Registrar's office by 5 p.m., Friday of the first week of the quarter (i.e., by the drop/add deadline).

The CR/NC option is irrevocable after the drop/add deadline.

Registering to Repeat a Course

A course in which a student earned a grade of D, F, W, or NC may be repeated. If the repeated enrollment is at Kalamazoo College, both attempts will appear on students' transcripts, but only the most recent attempt will be used to calculate the Kalamazoo College cumulative GPA, and only one unit of credit total will be earned. Any course repeated at another institution will not affect the original course grade on the Kalamazoo College transcript and is not used in the calculation of the Kalamazoo College cumulative GPA. A student may not transfer in credit for a repeated course if the student earned credit (D- or higher) for the original course. Students may not repeat a course, either at Kalamazoo College or at another institution, to replace a D or F once they have taken a higher level course.

Repeating Partial-Credit Courses

Partial-credit courses, such as ARTX 200, BIOL 200, and PE activity courses, may be repeated to earn a full unit of credit. Students

may earn up to two units for Theatre Production (THEA 200), and up to five units for partial-credit courses within the Music department (music ensembles and applied music courses). Students may audit partial-credit courses in PE and the arts after reaching the maximum number of units, but will not earn additional units of credit toward graduation.

Drop/Add

The period during which students may drop and add courses begins shortly after priority registration is complete and continues through the first week of the quarter. A student who wishes to add a course during first week should consult with the course instructor to determine how the student will make up any missed assignments or activities. After the third day of the term students must have the instructor's signature to add a course. Certain courses, such as music ensembles, applied music courses, physical education activities, and theatre production courses, have an extended drop/add deadline of the end of the second week of the quarter to provide students and instructors time to make arrangements for the quarter.

The day after the drop/add deadline for a term is the official "census date" for the quarter, when a student's status as a full-time or part-time student is determined based on the number of units for which the student is enrolled. All changes to a student's class schedule must be on file in the Registrar's office by this time. Students will receive grades for all classes that appear on the final class schedule and only for those classes.

Course Withdrawal

From the second week through the eighth week of a quarter, students may exercise their option to withdraw from a course. After eighth week students may not withdraw from a course, although they may withdraw from the College. When a student withdraws from a course the course remains on the student's transcript with a grade of a W. Because the course remains on the transcript, the financial aid full-time enrollment requirement is still met for almost all programs. Note that Financial Aid Satisfactory Academic Progress standards must also be met (see the Financial Aid Policies section in this catalog). In addition to the implications for financial aid, students should be aware that course withdrawal may affect a student's medical insurance coverage, athletic eligibility, study abroad eligibility, sequencing of classes, and timely completion of degree requirements.

Students may not withdraw below two units in any given quarter. Students experiencing serious health difficulties, a family emergency, or some other extraordinary circumstance outside the student's control should meet with the Dean of Students to discuss possibly withdrawing from the College, underloading, or other options. (See the sections on Underloading, Withdrawals, and Leaves of Absence for more information.)

Registering to Audit a Course

Students may audit a course with permission of the instructor. There is no official registration or notation on the transcript. There is no audit fee for registered Kalamazoo College students.

Registration and Study Abroad

See the section on Study Abroad for information on choosing courses while on study abroad and for information on how credit from those courses is applied to a student's transcript. Students register for their first quarter on campus after study abroad in the usual way. They should contact their advisor and then register online during the registration period in the prior quarter.

Grading Practices

Grades

The grade point system at Kalamazoo College is:

- A+, A, A- = 4 quality points (excellent)
- B+, B, B- = 3 quality points (above average)
- C+, C, C- = 2 quality points (average)
- D+, D, D- = 1 quality point (below average)
- F = 0 quality points (failure)

CR (credit), NC (no credit), H (honors), IP (in progress), W (withdraw), and I (incomplete) do not affect the grade point average (GPA). Pluses and minuses appear on transcripts but are not used to calculate the Kalamazoo College GPA.

Grade Reports

Grade reports are made available online to students at the end of each quarter. Printed copies are available upon request. Copies of grade reports will be sent to parents only if students present a signed statement of request to the Registrar.

Course Attendance

Attendance is the responsibility of the student and is regulated within each course. Faculty members may report to the Early Alert Committee those students whose absences may be impairing their performances.

Final Examinations

Examinations are held at the end of each quarter for most courses. Students and faculty are required to follow the exam schedule as set by the Registrar. However, if a student has three final exams scheduled for the same date, one of these exams may be changed by making appropriate arrangements with one of the instructors.

Incomplete Grades

An I (incomplete) is recorded when work is of acceptable quality but has not been finished because of illness or other extraordinary circumstance outside the student's control. If the work has not been completed by the end of the sixth week of the next quarter, the instructor should submit the grade the student had earned by the end of the quarter. This deadline applies whether the student is on or off campus or has left the College.

Change of Grade

Students seeking a grade change should contact the course instructor responsible for the grade issued. Both students and faculty should understand that *a change in an assigned grade should reflect only identifiable and distinct errors in the evaluation process*. Students should initiate this process as soon as possible and no later than the end of the sixth week of the next quarter or within six weeks from graduation or withdrawal from the College. Faculty who identify an error in grading should submit a change of grade form to the Registrar within one year of the original recording. After one year, the transcript record is considered the permanent record.

Cumulative GPA

All courses taken at Kalamazoo College are included in the calculation of the cumulative Kalamazoo College grade point average (GPA), except the SIP, PE activities, other credit/no credit (CR/NC) courses, and repeated courses. When a student repeats a course (a D, F, W, or NC), both attempts will appear on the student's transcript but only the second attempt will be used to calculate the Kalamazoo College cumulative GPA, and only one unit of credit total will be earned. (See the section on Registering to Repeat a Course for more information). Transfer courses and courses taken on study abroad do not affect the cumulative GPA.

Academic Progress

Classification

Students may be classified by unit status, by entering cohort, or by expected graduation year, depending on the context. For enrollment verification purposes, unit completion is the sole determinant of class status. Students must receive 36 academic units to graduate, or 9 units per year, exclusive of PE units. The unit status classification used for enrollment verification is as follows:

- **First-Year:** 0–7 academic units*
- **Sophomore:** 8–16 academic units
- **Junior:** 17–25 academic units
- **Senior:** 26 academic units and above

** First-year students who bring in AP, IB, dual enrollment, or transfer credits are reclassified, as appropriate, at the end of the first year. After the first year, a student's unit status is adjusted each quarter; the expected graduation year is adjusted as necessary, usually at the completion of the spring quarter.*

Good Standing

Students who are not on academic probation are considered to be in good standing at Kalamazoo College. Students should be aware that maintaining good academic standing does not ensure continued financial aid eligibility. Grades of NC or W may also affect an award. Please refer to the Financial Assistance section of this catalog for further information.

Dean's List

Students who earn a term GPA of 3.5 or better for a full-time course load of at least 3 units, without failing or withdrawing from any course, will be placed on the Dean's List. Students who elect to take a letter-graded course as credit/no credit (CR/NC) or receive an F, NC, or W grade are not eligible for Dean's List consideration during that quarter. Students with I or IP grades will be considered for Dean's List upon receipt of the final grades. Dean's List recognition is posted on students' transcripts.

Honor Societies

The College invites qualified first-year students to join the Alpha Lambda Delta national scholastic freshman honorary society.

Phi Beta Kappa, the oldest honorary scholarship society in the United States, has a chapter, Delta of Michigan, at Kalamazoo College. Students who wish to be considered for election to Phi Beta Kappa must demonstrate a knowledge of mathematics, take a wide variety of courses outside the major, and must include courses in the natural sciences, social sciences, and humanities.

Monitoring Academic Progress

The Committee on Academic Standards meets at the end of each quarter to review the grades of all students. If a student appears to be having academic difficulties, as indicated by withdrawn courses, poor grades, or falling grades as compared to previous work, the committee may issue a warning letter through the Registrar or may place the student on academic probation.

Academic Probation

The Committee on Academic Standards may place students on academic probation whenever they have accumulated more than one-third of their total full unit grades below a C-, their quarter and/or cumulative GPA falls below 2.00, or their grades indicate academic disengagement or difficulties. Placing a student on academic probation is notification that the student needs to take immediate action to improve academic performance. Students on academic probation are asked to meet with their academic advisor within the first two weeks of the subsequent quarter and perhaps weekly thereafter in order to develop strategies for success. It is the student's responsibility to seek this assistance and ensure progress toward degree completion. In addition to meeting with their advisor, students are encouraged to seek assistance through support services in the Academic Resource Center; subject tutoring through supplemental instruction and individual departments; career counseling and testing through the Career and Professional Development Center; and personal counseling through the Office of Student Development. Failure to meet these responsibilities may result in continued or final probation or dismissal from the College.

Final Academic Probation—C Average

Students placed on "final academic probation—C average" must be enrolled in and complete three letter-graded courses in the next quarter of residence and earn a minimum GPA of 2.0 for the quarter. Failure to meet this requirement may result in dismissal from the College.

Final Academic Probation—Three Cs

Students placed on "final academic probation—three Cs" must be enrolled in and complete three letter-graded courses in the next quarter of residence and earn a minimum grade of C- in each of the three courses for the quarter. Failure to meet this requirement will result in dismissal from Kalamazoo College.

Veteran's Administration

The Veteran's Administration (VA) requires that all recipients of veteran educational benefits maintain a cumulative grade point average

of 2.0 to remain eligible. A recipient who allows the cumulative GPA to fall below 2.0 will be placed on probation with regard to veteran benefits. A recipient will be allowed two quarters to bring the cumulative GPA to the level of 2.0. If the recipient fails to do so, the VA will be notified of unsatisfactory progress and enrollment will not be certified to the VA. Certification may resume once the cumulative GPA has reached 2.0. The Veteran's Administration may rescind benefits if a recipient does not present a GPA of 2.0 at the time of graduation.

Graduation

Graduation Standard

All students must maintain a cumulative GPA of 2.00 to be eligible to receive a Kalamazoo College degree.

Diploma Granting Dates

Kalamazoo College grants degrees in June, September, and December of each year.

Commencement

Commencement ceremonies are held each year in June. Members of the senior class are expected to attend both Baccalaureate and Commencement. Students who have earned 27 units (exclusive of PE) upon completion of work for the winter quarter, or 30 units (exclusive of PE) by the time of Commencement, are eligible to march in the commencement ceremony. An actual diploma, reflecting the appropriate June or December degree date, will be released once all graduation requirements and financial obligations have been met. Students who complete work required for the degree just after the June or December graduation dates will not receive a retroactive graduation date. The graduation date will reflect the next available (June or December) date.

Graduation Honors (Latin Honors)

The Bachelor of Arts degree is awarded cum laude if students maintain a cumulative grade point average of 3.50 to 3.74; magna cum laude with an average of 3.75 to 3.99; and summa cum laude with an average of 4.0. This honor is announced at Commencement and recorded on the academic transcript.

Honors in the Major

Honors in the major may be awarded at the discretion of departmental faculty at the time of graduation. Usually, departments consider the grade point average in the major, the results of the comprehensive examination (if required), and the Senior Individualized Project in recommending students for honors. Departments may set additional requirements. This honor is announced at Commencement and recorded on the academic transcript.

Study Abroad Policies

Study Abroad Academic Policies

Through its Center for International Programs, Kalamazoo College sponsors study abroad programs in the following countries: Ecuador, France, Germany, Kenya, Mexico, Sénégal, Spain, Thailand, and Trinidad. In addition, Kalamazoo College students are able to participate in programs organized by foreign or U.S. institutions in a number of other countries including Australia, Botswana, Chile, China, Costa Rica, Denmark, Egypt, England, Greece, Hungary, India, Israel, Italy, Japan, and Scotland. For specific information about the study abroad programs available to Kalamazoo students and their requirements for participation, please contact the Center for International Programs. A list of study abroad programs pre-approved for transfer of academic credit is updated and published by the Center yearly. All study abroad programs offered through the Center are subject to annual enrollment limits. In the case where a program does not have sufficient minimum enrollment to meet academic and/or financial requirements, the College reserves the right to cancel the program for that particular year and assign students elsewhere.

The Center determines which study abroad programs qualify for transfer of academic credit and Kalamazoo College financial assistance/scholarships. Students should consult the "List of Study Abroad Programs" regularly to determine if a program qualifies for the transfer of academic credit and Kalamazoo College financial assistance/scholarships. Programs may be changed, suspended, or withdrawn at any time due to political, economic, or other conditions. No credit will be awarded for any academic work done outside the United States without prior endorsement by the Center. Requests for endorsements after the fact will not be considered. Students interested in enrolling in a program not on the List of Study Abroad Programs Approved for Transfer of Academic Credit (a copy of which can be found in the CIP office) can petition the Center to have the program endorsed on a one-time basis. Such petitions must be filed by November 1 of the calendar year prior to the year in which students wish to participate. A description of the petition process is available in the Center for International Programs.

As a general policy, participation in Kalamazoo College study abroad programs will be limited to a maximum of 15 students per program, although some programs have different limits. Sophomores will be given priority for the spring short-term programs. Juniors will be admitted to spring short-term programs only if there is space available and with the approval of the Registrar and the student's adviser. Sophomores and juniors are equally eligible for the winter short-term program in Oaxaca, Mexico. Long-term and extended-term programs are open to juniors only (students with a minimum of 17 academic units). In those Kalamazoo programs that are open to participation by non-Kalamazoo students (Sénégal and Kenya), priority will be given to Kalamazoo students; non-Kalamazoo students will be admitted on a space-available basis. First-year students are not eligible to participate in study abroad.

Kalamazoo students are eligible to participate in only one study abroad experience for credit during their time at the College. No more than ten units of credit from off-campus programs (including study abroad and domestic off-campus programs such as New York Arts, Philadelphia Urban Studies, or Border Studies Program) can be used to meet a student's graduation requirements. Students may apply their Kalamazoo College financial assistance/scholarships to only one extended-, long-, or short-term study abroad program approved for such transfers.

On most Kalamazoo College programs, a College representative meets each group as it arrives abroad. College personnel visit study abroad programs as needed. All Kalamazoo sponsored study abroad programs have a Resident Director appointed by the College to mentor students and represent the College. At many programs, students live in homestays; in other instances, housing is arranged by the program, typically in university dormitories.

Study Abroad Program Length

The study abroad programs available to Kalamazoo College students include long-term, extended-term, and short-term programs. In a long-term program, the academic experience typically lasts 14 to 17 weeks, beginning in the fall. Extended-term programs are only available to language and/or International and Areas Studies majors and typically begin in the fall and end the following June or July. Spring short-term programs typically last ten weeks, beginning in late March and ending in early June. The College offers one short-term winter quarter program, which begins in early January and concludes in mid-March. For information regarding specific program dates, please contact the Center for International Programs. Students need to meet with their academic advisers and consult the CIP well in advance of participation in order to determine the programs that will best fit their academic program at the College. Summer study abroad for credit is available to Kalamazoo College students through CIP-sponsored International Study Seminars. Students who intend to participate in extended-term programs must pass all classes taken during the long-term portion with a C or better. If a student has not met this requirement, they are not eligible to participate in the extended-term program and will need to make arrangements to return to campus for the spring quarter.

Study Abroad Eligibility

Students are required to obtain approval in advance for participation in study abroad programs through application to the Center for International Programs. Students wishing to participate in study abroad must have a minimum 2.5 GPA at the time of application; some programs have higher minimum GPA requirements. Students whose GPA does not meet the College's 2.5 minimum or the program's minimum and who still wish to study abroad must meet with CIP staff prior to submitting an application for study abroad. *NOTE: Kalamazoo College cannot waive GPA or other eligibility requirements established by other programs. Therefore, only certain Kalamazoo-sponsored programs may be available to these students.* The final decision regarding admission to and participation in specific programs rests with the Associate Provost for International Programs and host institutions abroad. The Associate Provost reserves the right to deny participation in study abroad when students' actions either on or off campus raise doubt that they are ready for an international study experience or prepared to represent Kalamazoo College appropriately.

Students on academic probation, or who have a history of significant disciplinary problems, are not eligible to participate in the study abroad program. All incomplete grades must be changed prior to departure for study abroad. All students participating in long-term or extended-term programs must have junior standing (a minimum of 17 Kalamazoo College academic course credits with a grade of D or better; note, this excludes PE or applied music credit). Students who are not able to complete the program's 17 academic-unit requirement prior to the conclusion of the last quarter on campus before study abroad may be placed on a conditional admission status until proof of completion has been received and approved by the registrar. Students who transfer to Kalamazoo College should talk with a CIP staff member during their first term on campus about their study abroad options.

Students whose physical, mental, or emotional condition may require accommodations to participate in the Study Abroad Program must contact the Center staff well before the deadlines for applications. The Center staff will assist by providing the student a clear description of the physical and mental requirements of the program. The student will be asked to provide the Center staff with a clear description of the accommodations which the student believes will be necessary for the student to meet the requirements of the program as well as a list of the accommodations provided the student by Kalamazoo College. The student may be asked to provide the Center with a release to speak with the student's healthcare provider so that the Center staff can clearly understand the student's needs. The Center staff will determine the availability of those or other reasonable accommodations at the program location. The student's acceptance into a specific Study Abroad program is contingent upon the determination to the Associate Provost's satisfaction that reasonable accommodations are available at that program location.

Study Abroad Application, Selection, and Placement

Students must meet specific requirements and deadlines in order to be eligible to participate in any study abroad program. These requirements differ from program to program, but for all of them prospective participants must fill out and submit required application materials, which are available on the CIP website and in the CIP. Students must complete a Kalamazoo College study abroad application and, in most cases, will also need to complete additional materials for the host institution or university. Incomplete applications will be considered late and will not be processed until completed. Application materials will be forwarded by the CIP office to the appropriate programs abroad.

Information on specific program requirements and applications is available in the Center for International Programs. With the exception of a single required foreign language course, students must meet all requirements at the time they apply and continue to meet the set requirements prior to departure. Academic performance and probationary status will be evaluated by CIP staff following each quarter prior to departure for study abroad.

Students may only apply for one program at a time, regardless of the application deadline of that program. If a student is not admitted into his or her first choice program, the CIP will assist the student in applying for another program to which he or she is eligible and in which there is space available. In some Kalamazoo-sponsored programs, students who are not selected for participation may be offered alternate status. Typically, no more than one student will be considered for alternate status for any one program. Alternate status means that should an active participant choose not to accept their offer of admission, the alternate will be assigned to that space. Alternate status is always set for a limited duration. At the end of that set time, the student will be given the choice to apply for another program where space is available and for which the student is eligible.

Participants are admitted to specific study abroad programs based upon student qualifications, program capacities, and other conditions deemed relevant by the Associate Provost for International Programs. Students meeting the College's and any program-specific eligibility requirements are selected for participation in the study abroad program on the basis of such items as their cumulative grade point average, their grades in the appropriate foreign language (where applicable), the strength of the required essay(s), faculty letters of recommendation, an evaluation of the transcript, and other information provided in their application and their College records. The Center for International Programs may also require applicants to be interviewed.

Transfer students should expect that their previous academic work will be reviewed as part of the selection process and must supply the Center with an official transcript from their previous institution(s) at the time of application. The Office of the Registrar cannot release copies of non-Kalamazoo College transcripts. A combined transfer and Kalamazoo GPA will be used to determine eligibility.

Applications for participation in the winter quarter short-term Oaxaca program are due on Friday of the third week of fall quarter. Applications for participation in short-term programs are due in the Center by November 15; applications for participation in long-or extended-term programs are due in the Center by January 15. Failure to turn in the completed application materials by the due dates will jeopardize a student's participation in study abroad.

Study Abroad Foreign Language Prerequisites

Students who desire a university-integrated experience, in which they take classes with host country students in French-, German-, or Spanish-speaking programs, must have advanced proficiency in the appropriate foreign language equivalent to at least level 202 or 203. Students participating in Chinese-or Japanese-speaking programs will need considerably more language study than required by the program to be able to gain entrance to regular university courses. Students who have proficiency in a foreign language through level 201 will most typically take courses in the target language but offered through a language and culture institute for foreign students attached to or otherwise affiliated with a university.

Students who have already taken the required minimum level of foreign language for their study abroad program are encouraged to maintain their level of proficiency during the time before departure. Students will not receive credit for a language course abroad equivalent to one already taken at Kalamazoo College.

Students choosing the spring short-term study abroad option may not have proficiency in the language of the Study Abroad program greater than four units (level 202) of that language and must have a minimum proficiency equivalent to 2 units (102). Most short-term programs can only offer courses at the 201-203 level and are thus not appropriate academically for students with higher levels of foreign language proficiency.

Students who are not able to complete the program's language requirement prior to the conclusion of the last quarter on campus before study abroad may be placed on conditional admission status until proof of completion has been received and approved by the language department and the Registrar.

Study Abroad Fees

For Kalamazoo College students participating in a long-term Kalamazoo College study abroad program, the comprehensive fee for 2011-2012 is \$29,058; for an extended-term Kalamazoo College program, the 2011-2012 fee is \$43,586. The fee for students participating in Kalamazoo College 2012 spring short-term programs is \$14,529. Fees for CIP-sponsored International Study Seminars will be noted on the program description and may vary according to the program's itinerary. Comprehensive fees for participants from other colleges and universities are the same as for Kalamazoo College students. Comprehensive fees for Kalamazoo students participating in non-Kalamazoo study abroad programs often exceed the fees for Kalamazoo programs. All non-Kalamazoo options are billed at the Kalamazoo College rates cited above or at a higher rate if the costs exceed customary Kalamazoo charges. In no instance will a student pay less than the comprehensive fee assessed for Kalamazoo College's own study abroad programs. The Center for International Programs has information on comprehensive fees for specific programs. A nonrefundable deposit will be required prior to participation in any program. The deposit will be credited towards the comprehensive fee.

The comprehensive fee includes room and board while classes are in session, all academic tuition and fees, and excursions included as part of the academic program.

Study abroad fees do not include items such as the following:

- round-trip transportation between the student's home and the program's location
- books and other required educational materials (including photocopies and personal printing—approximately \$150 per quarter) or additional lab or music fees
- room and board during Christmas, Holy Week, and other extended vacation periods, particularly in Spain and France
- cell phones or Internet fees/usage
- passports
- required photographs
- required physical exams, x-rays, and other medical tests
- required and recommended immunizations (average cost for immunizations at the College Health Center is \$200 to \$300)
- required health and accident insurance
- required antimalarial prophylactic pills (where recommended by the CDC) that the student takes abroad (average cost \$10 per pill, taken on a weekly basis; total cost varies from \$300 to \$400, depending on the length of the program)
- required medical evacuation insurance (where indicated in the Study Abroad Handbook)
- independent travel while abroad
- incidental expenses en route and abroad
- cost of local transportation at the program site, including field trips for a course as well as daily commuting
- Visa fees (for certain programs)
- personal property insurance

Kalamazoo College reserves the right to change or modify what is included in the comprehensive study abroad fee without prior notice. For details on what the comprehensive fee includes, please consult the Associate Provost of International Programs or the CIP website (www.kzoo.edu/cip).

The amount students spend above and beyond what is paid to the College will vary: Returning students suggest that an average of \$2,000 extra for short-term; \$2,500 to \$3,500 for long-term programs; and \$3,000 to \$4,000 for extended-term programs is realistic. Students may be able to manage on less than these amounts if they budget carefully and restrict independent travel.

Study Abroad Billing and Payment

Students will be informed of the comprehensive fee for the study abroad program prior to the beginning of the program. Payments for study abroad programs are made according to the regular college payment schedule. For specific billing dates, contact the Kalamazoo College Student Accounts Office.

For GLCA and other non-Kalamazoo students participating in Kalamazoo College-sponsored study abroad programs, the home institution will be billed. This allows students to receive any financial aid for which they are eligible. Please notify the Center for International Programs if the bill should be sent to an address different from the home institution. A form specifying a preferred billing address is completed following acceptance into the program.

All student accounts, including fees, must be cleared before students can leave for study abroad. Final departure packets will not be released unless student accounts are paid in full or appropriate arrangements have been made through the Kalamazoo College Student Accounts Office. Non-payment of the comprehensive fee installments will jeopardize a student's continuing participation in the program and may result in withdrawal or dismissal from the program.

Study Abroad Deposit

In order to hold a student's place in a program, a nonrefundable deposit is required. Payment of this amount is due with the Participation Confirmation form. If this form and deposit are not returned by the deadline, students will be withdrawn from the program. In the cases of withdrawal after that date or dismissal from the program, the deposit will be forfeited. In addition to forfeiting the deposit, students who withdraw following submission of an application to study abroad are liable for all other moneys advanced on their behalf at any time including, but not limited to, application fees and nonrefundable deposits assessed by non-Kalamazoo programs, airlines, etc.

Study Abroad Financial Assistance/Scholarships

International education is supported at Kalamazoo College by a number of generous gifts, including the S. Rudolph Light Endowment, the Arcus Gay and Lesbian Fund Study Abroad Endowment, and the Beeler Memorial Foreign Study Endowment Fund. For Kalamazoo College students receiving Kalamazoo College financial assistance/scholarships, this aid is available for those programs that appear in the "approved for transfer of academic credit and Kalamazoo financial assistance/scholarships" category of the List of Study Abroad Programs. The term "limited financial aid" indicates that state and federal funds are fully available, but institutional funding (including GLCA tuition remission) will not be credited.

For a list of outside scholarships and/or fellowships available to college students, please see the "Scholarships" (<https://reason.kzoo.edu/cip/aid/>) page on the CIP website. Kalamazoo College students with demonstrated financial need as determined by the Kalamazoo College Office of Financial Aid may be eligible to receive a travel subsidy for their study abroad program. More information on travel subsidies is available in the Travel Subsidy FAQs (https://reason.kzoo.edu/cip/assets/Travel_SubsidyGeneral_FAQs.pdf).

Non-Kalamazoo College students receive no financial aid from Kalamazoo College. Students should consult with the study abroad director and financial aid office on their own campus regarding their financial aid package while studying abroad.

Work/Study: No employment is available to students while on study abroad. Students travel overseas on a student visa that specifically prevents them from seeking employment or earning money while they are in that country: If work/study is part of their financial aid package, students should consult the Office of Financial Aid and should find an alternative source for those funds for the quarters spent abroad.

Study Abroad Pre-Departure Orientation

CIP staff members recognize that an important first step in preparing for the study abroad experience is for participants to have an opportunity to learn more information about their study abroad program. During the quarter preceding study abroad participation, CIP and other College staff members offer question-answer sessions as well as formal meetings providing information about the academic structure of the programs abroad, health and safety information, and details about logistical components of the program. Where feasible, study abroad returnees as well as visiting international students will contribute to sessions to help students prepare to make the most of their time abroad. Kalamazoo College students must attend all mandatory study abroad orientation meetings on the Kalamazoo campus. Students are also encouraged to participate in workshops, such as Identity Shifts and Study Abroad, which may provide additional information and preparation. Non-Kalamazoo students are not required to attend the orientation sessions held on Kalamazoo's campus but are required to abide by and satisfy all deadlines.

Academic Credit from Study Abroad

All academic work completed in the study abroad program is certified by the Associate Provost for International Programs and the Registrar and is recorded on the Kalamazoo College academic transcript on the basis of examinations and reports supplied by supervisors and teachers abroad. Study abroad credits may be used to satisfy graduation requirements. Major, minor, or concentration requirements are at the discretion of departmental faculty. Credit distribution for other College graduation requirements is determined by the Registrar. When registering for courses abroad, students should direct inquiries regarding such credits accordingly. Students are encouraged to obtain approval from the department in advance if a student wishes to use a course from study abroad to satisfy requirements for a major, minor, or concentration. Kalamazoo College students are eligible to earn three Kalamazoo College units of credit for a short-term program, six units for a long-term program, and nine units for an extended-term program. Students from other colleges participating in Kalamazoo College programs should consult the Center for International Programs regarding credit. Once students have completed the study abroad program and (where necessary) consulted with the Registrar, the appropriate grades and credits will be recorded on the transcript. Only those courses from study abroad which are within the "Liberal Arts Tradition" of the College will be accepted for credit.

Independent Study on Study Abroad

No independent study for credit, including "distance education" courses, may be pursued in any study abroad program without advance approval from the Associate Provost for International Programs.

Grades from Study Abroad

All grades earned on study abroad fall within the College's general policies on transfer credit. Study abroad grades will be reviewed, translated, and certified by the Center for International Programs and will be recorded by the Registrar on the official Kalamazoo College transcript according to the Kalamazoo A, B, C grading system. Grades from study abroad courses will not be counted in the student's Kalamazoo grade point average. To receive credit for a study abroad course, students must earn a C or better according to the local grading scale. (Note: Courses taken as "pass/fail" on study abroad will not be transferred.) Credits will normally be listed on the Kalamazoo College transcript with the same academic rubric used at the foreign institution; for example, a class listed as a "History" course will be listed as a "History" course on the Kalamazoo transcript. A student who believes that, for instance, a course listed as "Art History" at a foreign institution should be listed as "History" on the Kalamazoo transcript should appeal to the Associate Provost for International Programs and the Kalamazoo College Registrar. In consultation with the department affected and after examining a syllabus of the course completed abroad, the Associate Provost and Registrar will determine how the course should be described on the transcript.

Students seeking a grade change for a course taken on study abroad must petition the Center for International Programs no later than six weeks following notification of their grades. Requests for a grade review must be accompanied by complete documentation from the course in question including syllabi, assignment sheets, reading lists, homework and other assignments, essays, examinations, etc. Grade appeals must follow the College's standard change of grade procedure as outlined in the catalog.

Incomplete Grades on Study Abroad

Students must complete all course work while they are enrolled in the academic program; no Incomplete (I) grades will be given for course work taken in a program abroad. All course work must be completed by the deadlines set by the staff and/or instructors at the program abroad. Courses that are not completed abroad will be recorded with a grade of F on the Kalamazoo College transcript.

Attendance Policy on Study Abroad

Attendance is required at all classes while on study abroad except in the case of illness and/or emergencies beyond the student's control. Students are expected to attend classes Monday through Friday and to participate in scheduled group activities and excursions. Visits by family or friends are not reasons for an excused absence from class. Unexcused absences often result in a lowered grade and may be deemed a sufficient reason for withdrawal from the program, which could also result in withdrawal from the College.

Underloads, Dropped and Added Courses on Study Abroad

Students are not permitted to arbitrarily underload, drop, or add courses while on study abroad. Students must enroll in the required number of courses as specified by Kalamazoo College and cannot exceed or reduce the required number of courses in the program without the written permission of the Associate Provost for International Programs. Students who add a course without permission will receive no credit for that course. Students who drop a course without permission or fail to enroll in the prescribed number of courses will receive an F for each dropped course, which will be recorded on the transcript.

Withdrawal from Study Abroad

Students who withdraw from the program after being admitted will forfeit the nonrefundable deposit. They will be required to pay any additional costs incurred on their behalf (including, but not limited to, moneys advanced on their behalf for nonrefundable deposits at other institutions, airfare, legal documents, visa and application fees, housing deposits, etc.). Students who withdraw with the permission of the Associate Provost for International Programs after the program abroad has begun may be entitled to a partial refund as specified in the College's policies. Eligibility for possible refunds will be computed from the first day of the academic program abroad, not according to the on-campus calendar. These students may be eligible to receive grades of W (withdrawal) on the Kalamazoo College academic transcript.

Students who wish to return home once a program abroad has begun must receive permission to do so from the Associate Provost for International Programs. Students who withdraw without permission will not be eligible for any academic credits that would have been earned and will, in a separate administrative action, automatically be withdrawn from the College. These regulations also apply in the case of dismissal from the program. Students who wish to travel home for a personal or family emergency must notify the Associate Provost for International Programs, or designee, and complete a "temporary leave of absence" form.

If students participate in the study abroad program and subsequently withdraw from the College prior to graduation, the Board of Trustees has directed that these students must pay \$1,300 before their academic transcripts will be released.

Dismissal from Study Abroad

Application to and acceptance into the study abroad program is separate from admission to the College. Participation in study abroad at Kalamazoo College requires that students meet certain expectations and eligibility criteria as well as exercise responsible judgment and behavior. The Associate Provost for International Programs or designee may withdraw or dismiss students from the study abroad program for violations of College policy and/or regulations, disruptive behavior or conduct which could bring the program into disrepute, misuse and/or abuse of alcohol or drugs, medical or academic grounds, or behavior that poses a danger to the student or others.

When students accept their admission to the study abroad program, they agree to abide by the policies and regulations set forth in the Study Abroad Handbook, the Academic Catalog, and other relevant Kalamazoo College publications. Of particular importance for students participating in study abroad is the "Statement of Social Behavior" from the Study Abroad Handbook that states, in part, that acceptable behavior includes compliance with local laws and regulations, host university policies and regulations (including local housing regulations

and policies), and adherence to the social patterns of the homestay family (or local housing placement) and the local community. Any behavior that, in the judgment of the Associate Provost or Associate Director of the Center for International Programs, causes pain or discomfort to others, reflects discredit on the individual or upon the College, or poses a danger to the individual student or to others is considered unacceptable and may subject the offender to immediate administrative action by the Associate Provost for International Programs including, but not limited to, immediate dismissal from the study abroad program. Immediate administrative action may also be required for behavior or medical conditions which affect a participant's ability to perform the essential functions of a student.

Students who are dismissed from the study abroad program will be withdrawn from their courses overseas and receive a grade of F for each course. They will also be removed from their program-provided housing and will be expected to return to the United States as soon as possible. Students who have been dismissed from the study abroad program will, in separate administrative action, also be withdrawn from the College. Furthermore, the Associate Provost for International Programs or designee reserves the right to pursue separate sanctions against offenders under the College's judicial system in the event that they are permitted to continue as students at the College. Examples of student behavior while on study abroad that may lead to immediate administrative action by the Associate Provost for International Programs include, but are not limited to, illegal drug use, abuse of alcohol, failure to attend class and/or other required academic activities, hitchhiking, unauthorized absence from the study abroad program, unauthorized changes in housing, arrest for infractions of local laws, and violations of Kalamazoo College policies. Furthermore, the Center for International Programs reserves the right to notify the parents of any student whose behavior abroad, which in the judgment of the Associate Provost or Associate Director, is unacceptable or in violation of study abroad and/or College policy.

Student Life Policies

Housing and Board Policy

Kalamazoo College affirms the educational benefits inherent in the residential undergraduate experience. Residential living is supportive of one's academic preparation and plays an integral role in one's experiential education, providing rich opportunities for involvement and development. Therefore, Kalamazoo College requires all students to reside within the College's residential system and board at the College's dining center through winter quarter of their junior year.

All first-year students and visiting international students must live in the College's residential system and board at the College's dining center for their first three quarters.

All transfer students must live in the College's residential system and board at the College's dining center for their first quarter. Thereafter, they will be treated according to their student classification.

Exceptions for first-year and transfer students are made for:

- married students
- students with children
- those who are at least 23 years old

All sophomores must live in the College's residential system and board at the College's dining center.

Exceptions are made for:

- married students
- students with children
- students who are at least 23 years old
- students commuting from the primary residence of parents or guardians within 30 minutes or 30 miles of the College
- students released by the Office of Residential Life through the off-campus lottery
- students released by the College's Petition Committee

Exceptions to the board plan only are made for:

- residents of campus apartments and the Living/Learning Housing Units (who may carry a board plan if they wish)
- those released by the College's Petition Committee

All juniors must live in the College's residential system and board at the College's dining center through winter quarter.

Juniors returning from study abroad or other off-campus programs for spring quarter will be housed on campus on a space-available basis only. Juniors housed on campus for fall and winter quarters may move off campus for spring quarter only after being released by Residential Life.

Exceptions are made for:

- married students
- students with children
- students who are at least 23 years old
- students commuting from the primary residence of parents or guardians within 30 minutes or 30 miles of the College
- students released through the off-campus lottery
- students released by the College's Petition Committee

Exceptions to the board plan are made for:

- residents of Living Learning Housing Units and campus apartments (who may carry a board plan if they wish)
- those released by the College's Petition Committee

Seniors are not required to live on campus. Seniors will be housed on campus on a space available basis only. Seniors who choose to

live on campus must carry a board plan unless they are:

- residents of the Living/Learning Housing Units and campus apartments (who may carry a board plan if they wish)

Several campus housing options are available. Residence halls are coed by area or floor, with single, double, or triple rooms as well as suites. Nine Living/Learning Housing Units allow groups of seven to nine students to arrange their housing around a particular educational focus and initiate programming to enrich their own experience and that of the wider campus.

The primary purpose of our residential campus is to develop and maintain an atmosphere that promotes academic, personal, and social growth. Working with students, the College assumes the responsibility for standards of occupancy and the proper care of the residence halls. All on-campus housing is supervised by professional staff members and student resident assistants under the supervision of the Associate Dean of Students.

Students with Disabilities

In compliance with section 504 of the Rehabilitation Act of 1973, as Amended, and with the Americans with Disabilities Act of 1990 (ADA), Kalamazoo College recognizes that qualified students who have diagnosed or identified learning, physical, and emotional disabilities are entitled to the same benefits from the educational programs of the College. Kalamazoo College is committed to making every effort to providing reasonable accommodations, unless that imposes an undue hardship or burden. The Associate Dean of Students and the student will work together to negotiate and ensure appropriate accommodations that will work for the student. Cost associated with diagnosis, evaluation, and testing is the responsibility of the student, except in cases of severe financial need demonstrated to, and upon recommendation of, the Associate Dean of Students.

The office also makes assistance available to students experiencing short-term illness or physical injury.

Kalamazoo College has the right to: Deny a request for accommodations, academic adjustments, and/or auxiliary aids and services if the documentation demonstrates that the request is not warranted or if the individual fails to provide appropriate documentation.

Please direct questions to the Associate Dean of Students Office.

Procedure

1. Upon enrollment or upon receiving an assessment that verifies a disability, a student must make an appointment with the Associate Dean of Students/Disability Services Coordinator to discuss the disability and the process for receiving accommodations. It will be imperative to bring or send ahead the medical verification of the disability.
2. The Associate Dean of Students/Disability Services Coordinator will review the assessment. The student and Associate Dean of Students will then enter into negotiations to determine appropriate accommodations. One should not assume that specific accommodations offered in high school would necessarily be offered by the College.
3. The Associate Dean of Students/Disability Services Coordinator will communicate in writing to the student the approved accommodations.
4. Each quarter, the Associate Dean of Students/Disability Services Coordinator will send a letter requesting specific accommodations to the faculty of courses in which the student is registered unless the student requests that this step not be taken.
5. If the accommodations do not seem to be working, the student shall contact the Associate Dean of Students/Disability Services Coordinator, and they will work together to discover why the accommodations are not working and to develop additional or different accommodations if that becomes necessary.

Student Responsibilities:

Be sure to read and understand your responsibilities in the partnership to provide you full access to Kalamazoo College's educational opportunities. You may also benefit from general suggestions for being a successful student.

Student Registration:

For registration assistance, please read registration information for students with disabilities.

Will Graduation Requirements Change Because of Disabilities?

We believe that teaching within a course can be modified to address particular disabilities by providing reasonable accommodations. Students, regardless of their disability, in most cases can successfully master the material of courses and meet graduation requirements. Should a student have questions about the process of seeking accommodations, please contact the Associate Dean of Students and Disability Services Coordinator at (269) 337-7209. Kalamazoo College uses several assistive technologies to help disabled students access resources in classrooms and in the library.

Resources Available

Library

- There is barrier-free access.
- All floors are accessible by elevator. Visually impaired students would need staff assistance.
- Staff assistance may be required for retrieving materials from upper shelves.
- Several internet workstations are available for seated users.

Media Center

- Audiotapes, tape recorders, and an audio lab are available to visually impaired students.
- A text and image enlarger is available to visually impaired students.
- The video collection includes some tapes with subtitles.
- Sound amplification equipment is available.

- A transmitter and six assistive listening devices to help overcome background noise can be used in Dalton, Stetson, and the Recital Hall.
- The Media Center is accessible by elevator.

Computer Center/Computer Labs

- Computer labs in Dewing, Olds/Upton, Hicks Center and Dow are accessible by elevator.
- Tables in the computer labs will accommodate wheelchairs.
- Specialized equipment is not available in the computer labs.
- Media Center staff can help determine appropriate equipment for the College to purchase.

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Social Policies and Regulations

When a student accepts admission to Kalamazoo College, the student agrees to live by a set of mutually held principles defined as the Honor System. The faculty and staff of the College, in return, agree to treat the students by the same principles. Policies and regulations, including the Student Code of Conduct, interpret the broad principles of the Honor System. Students are expected to acquaint themselves with these regulations and to abide by them both in spirit and in practice, whether enrolled in on-campus or off-campus programs. Failure to live within the College's policies and regulations, thus within the spirit of the Honor System, will result in administrative action or action through the Student Conduct Process.

Enforcement Authority and Responsibility

The Board of Trustees gives authority for administering the College to the President. The President delegates to the Provost and the faculty the authority to determine the curriculum of the College and the academic processes, policies, and regulations that define the academic structure. The President delegates administrative responsibility for particular programs, activities, and processes to the administrative officers of those programs.

- Social policies and regulations and the Student Conduct Process are under the jurisdiction of the Vice President of Student Development and Dean of Students. Violations of social policies and regulations are addressed by the VP/Dean of Students, deans or directors of programs, or through the Student Conduct Process.
- Academic policies and regulations are under the jurisdiction of the Provost and the faculty. Violations are addressed by individual faculty, by committees of the faculty, by directors of programs, by the Registrar, by the Provost or his/her representatives, or through the Student Conduct Process.
- Administrative procedures, policies, and regulations are under the jurisdiction of specific program directors and administrative officers. Those directors and administrative officers address violations.

Students will be treated with procedural fairness within each of these respective systems in accordance with procedures communicated through the Student Code of Conduct, College policies and regulations, the *Academic Catalog*, or specific documents from the offices or programs.

Relationship to Governmental Law Enforcement Units

The College reserves the right to determine whether violations of municipal, state, or federal laws are also actionable under the College's Honor Statement, Student Code of Conduct, standards, policies, or regulations. Therefore, students who are cited or arrested and/or charged by law enforcement authorities may be notified that College action is also pending. College policies and regulations are not designed to replicate state or federal laws, but rather to address student conduct under the Honor System, the Student Code of Conduct, and the College's policies and regulations, and to ensure an appropriate educational environment for all community members. Thus, College proceedings need not await the outcome of civil or criminal proceedings. Since the Fourteenth Amendment does not refer to or place restrictions upon private action, private institutions of higher education like Kalamazoo College are not bound by the prohibitions in

the Fourteenth Amendment. Such private institutions are not in a constitutional relationship with their students unless they are in some way acting on behalf of the state.

In cases where students have allegedly violated both campus regulations and statutory laws, the College may be faced with a situation where it must take action on its Student Code of Conduct prior to action by the courts. This does not constitute double jeopardy for the student, since the campus and the community are two separate jurisdictions and the College is not making either legal or criminal determinations, but determinations about the appropriateness of student conduct within its community. Therefore, the proceedings are independent of one another and one need not await the outcome of the other. The College is maintaining its integrity by lawfully determining whether sanctions may be appropriate and/or whether the student is fit to continue in the academic community. Kalamazoo College reserves the right to take such action in cases where the College determines that the student's presence on campus may endanger or disrupt others or the College community.

Jurisdiction. In the course of their education, students are members of multiple communities and hold multiple citizenships, including on study abroad, at internships, student teaching, on SIPs, etc. The College reserves the right to determine whether violations of municipal, state, or federal laws, or violations of the standards or policies of universities or countries abroad also constitute a violation of College standards and regulations. Therefore, students who are cited or arrested and charged by law enforcement authorities or are charged or disciplined by institutions, municipalities, or countries abroad may be notified that College disciplinary action is also pending. Further, the College reserves the right to take action on behavior off campus that violates College standards and regulations, adversely affects the lawful educational mission of the institution, or has endangered or disrupted others.

Consequences of Violations

Administrative or faculty action, or action through the Student Conduct Process will result from violations of the Honor System, the Student Code of Conduct, or the policies and regulations of the College. Responsive action can include suspension or expulsion from the College; limitation of access to programs, activities, or housing; restriction of privileges; imposition of new requirements; required community service; or community restitution hours, to name a few. Actions are designed to educate a student about the responsibilities of membership within an educational community. However, when those efforts fail, the recourse is to rescind the privilege to attend this College.

Acting under the authority of the Board of Trustees, the President of Kalamazoo College (or designate) may, on an interim basis, suspend or expel any student whose conduct is detrimental to the well-being of the College or members of the College community. In such circumstances, the procedures employed in responding to violations of College policy may be suspended in the event of a crisis or a threat to the safety, health, or well-being of members of the College community.

Kalamazoo Curriculum

The Kalamazoo Curriculum

Kalamazoo College's distinctive approach to liberal arts education, the K-Plan, has four components:

- * depth and breadth in the liberal arts and sciences
- * learning through experience
- * international engagement
- * Senior Individualized Project.

As it has for the past half-century through the K-Plan, Kalamazoo College continues to be incredibly effective at helping enterprising students develop the knowledge and skills, self-reliance, resourcefulness, and global perspective they need to understand our richly diverse and increasingly complex world, to be successful within that world, and to provide enlightened leadership in the 21st century.

Kalamazoo College anticipates that your full engagement in the K-Plan will help you accomplish these learning outcomes: know at least one field of inquiry in depth; study a variety of fields of inquiry; explore the cultures of different regions of the world; be able to learn effectively in a variety of settings; be able to integrate theory and experiences through reflection; respect personal and cultural differences; be able to communicate effectively in both written and oral forms; be proficient in at least one second language; and be able to think critically, reason analytically, and solve problems skillfully

While at "K" and through the K-Plan you will be encouraged to develop: a lifelong passion for exploring new ideas; career readiness, based on multiple hands-on experiences including internships, externships, "Guild" participation, and service learning; intercultural understanding, an awareness of different ways in which people experience and organize the world and an openness to learn from these; a clear sense of social justice, and willingness to become involved; and leadership as characterized by the ability to envision new possibilities and then inspire and organize people to achieve them.

Your K-Plan will be a highly individualized, highly experiential curriculum that enables you to focus on, and make the very most of, your unique interests and gifts. At "K" – within an attentive and supportive community – you will receive guidance as you clarify your academic and career goals while constructing your version of the K-Plan so as to reach your full, unique potential.

At Kalamazoo College, and through your engagement in its K-Plan, attaining your goals for your undergraduate education is all part of the plan.

Exploration Across the Liberal Arts

The K-Plan and its general education curriculum encourage student exploration within the liberal arts through a variety of unique

opportunities, both on campus and off. Students engage with new ideas, new experiences, new perspectives, and new places as they explore diverse disciplines, a variety of cultures, and possible careers. This exploration enables them to expand their intellectual horizons and to broaden their perspective on their particular field of interest. Before each registration period, students meet with their academic advisors to discuss their plans for pursuing an education that balances pursuing new interests, further developing and integrating existing interests, and studying at least one discipline in depth through a major. Students may also broaden their learning experience by studying a second discipline or an interdisciplinary field in depth through a major or minor.

Students who wish to be considered for election to Phi Beta Kappa must demonstrate a knowledge of mathematics, take a wide variety of courses outside the major, and must include courses in the natural sciences, social sciences, and humanities.

Shared Passages Seminars

All students take three Shared Passage Seminars. First-year seminars, completed during the fall quarter of the first year in residence, prepare students for further work at the College by focusing on foundational skills, such as writing, oral expression, information literacy, and critical thinking; introducing global or intercultural ideas; and encouraging students to reflect on and integrate their high school experiences and transition to college. While diverse with regard to topic, these seminars are intentionally comparable in terms of the amount of written work expected, the importance of feedback on and regular revision of written work, and the maintenance of a participatory, discussion-oriented atmosphere.

Sophomore (or sophomore/junior) seminars delve more deeply into cultural issues and intercultural understanding, preparing students for study abroad and living in a global world. Students may substitute two cultures courses for the sophomore seminar.

Senior seminars, whether disciplinary or interdisciplinary, focus on integrating students' Kalamazoo College experiences and preparing them for future lives beyond "K." Disciplinary seminars integrate students' experiences inside and outside a particular major, while interdisciplinary seminars allow students from a variety of majors to apply diverse aspects of their Kalamazoo education to an interesting topic or problem.

Transfer students who have, prior to admission, already taken a first-year seminar or English composition course similar in content to the first-year seminar at Kalamazoo College may apply that course toward the first-year seminar requirement. The Registrar, in consultation with the Dean of the First Year, makes this determination as part of regular transcript analysis. Other transfer students should satisfy the requirement by taking a first-year seminar (if they qualify as a first-year student) or an approved substitute course. Students who do not pass the first-year seminar must substitute another writing-intensive course, which must be approved by the Dean of the First Year before the start of the sophomore year.

Sophomore and senior seminars must be taken on the Kalamazoo College campus. Cultures courses taken as a substitute for the sophomore seminar may be taken on campus or on College approved off-campus programs. Students who do not pass the senior seminar must work with the chair of their major department or with the Dean of the Senior Class to identify an appropriate disciplinary or interdisciplinary substitution.

Students on approved 3/2 engineering or health professions early entry programs are required to meet the senior seminar requirement by working with the director of their program at Kalamazoo College to identify a single capstone course at the approved school that reasonably fits the published senior seminar guidelines. Upon transfer of the credit for this course back to Kalamazoo College, the student will have completed the senior seminar requirement.

Foreign Language Learning and Proficiency

At an institution dedicated to international education and study abroad, proficiency in a second language is essential. All students are required to achieve proficiency in a language other than English through the intermediate level; some study abroad programs require that students demonstrate higher language proficiency as a prerequisite for participation. Proficiency through the intermediate level can be demonstrated by completing the third language course in any language sequence offered at Kalamazoo College (numbered 103 or 201, depending on the language) or by an appropriate level of achievement on an examination developed or approved by the College. Languages offered regularly include Chinese, French, German, Greek, Japanese, Latin, and Spanish. Credit earned from College Board Advanced Placement examinations, International Baccalaureate examinations, and dual enrollment or transfer units at the appropriate level may be used to satisfy the language proficiency requirement. See the Policies -> Admissions Policies section of the Academic Catalog for specific information on earning units of credit for examinations or work completed elsewhere.

Students wishing to satisfy the College language requirement in a language other than those taught on campus in regularly scheduled courses should contact the Registrar for information concerning certification of "intermediate proficiency" (the College language requirement). Certification is most typically determined by successful completion of an intermediate level course or a professionally administered proficiency examination. Students should note the cost of proficiency testing to determine "intermediate proficiency" is the responsibility of the student. Students interested in satisfying the language requirement in this way may wish to investigate intensive summer language courses offered at Michigan State University, the University of Michigan, and Beloit College.

In some cases, students may take advantage of the Neglected Language Program (NLP) at the College, which make individualized instruction available to qualified and approved students in selected languages not normally offered at Kalamazoo College. Students wishing to study a language through the NLP should have one of the following interests: study abroad at a program connected to the language (contact the Center for International Programs for information on study abroad programs); significant application of the language to an intended career; relationship of the language to the student's ethnic background; and/or relationship to an intended Career and Professional Development Internship, Senior Individualized Project, or major program of study. It is important to note that the program is not available in all languages at all times and that the College cannot guarantee that students returning from study abroad with coursework in a less commonly taught language will be able to use the NLP to complete the College language requirement. All requests for language study through the NLP must be approved in advance by the NLP coordinator and are subject to the availability of a qualified instructor and funding. Funding for NLP courses is limited and students should not expect to be funded for more than one NLP course in their college careers. Participation is limited to students with sophomore standing or above, with a minimum 2.5 grade point average.

Senior Individualized Project

The Senior Individualized Project (SIP)

The Senior Individualized Project is the capstone of Kalamazoo College's program of liberal arts education, offering students the opportunity to make use of all of their experiences at the College. The SIP is an occasion for independent scholarship, often in conjunction with an internship or other creative activity that results in a written report, performance, or exhibit. A number of departments host symposia, recitals, exhibitions, or theatrical productions in which results of research or creative work are featured. Rather than selecting only a subset of students to work on an honors project or thesis, the College considers such independent work a significant part of the education of all Kalamazoo College students and requires it of all seniors. The requirement is waived for students participating in approved 3/2 engineering or health professions early entry programs, as they are not at the College for their senior year.

Every student must complete a Senior Individualized Project of at least one unit. The SIP requirement is usually completed in the major department, although students may complete a SIP in any department or program of the College with the approval of the department chair or program director and a faculty SIP supervisor from that area. Each department sets its own requirements for senior projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. The amount of SIP credit (one or two units) is determined by the student and the SIP department at the beginning of the project. In consultation with the faculty SIP supervisor, and within the constraints set by the relevant department, students determine their project's form and the environment in which it is to be pursued.

The College reserves the right to archive student SIP within academic departments, the Upjohn Library and/or an online digital archive, and to publish SIP titles and the titles of SIP presentations.

General Information about SIPs

- Every senior must complete a SIP in a department, program, or Independent Interdisciplinary Major committee. Every SIP must have a faculty advisor (also known as the SIP supervisor) within that department, program, or IIM committee.
- Each student must complete at least a 1-unit SIP. Departments and programs have the option of allowing or requiring a 2-unit SIP.
- A student may split a SIP between two departments, be it 1 or 2 units. In this case, the student may have more than one faculty SIP supervisor.
- The SIP does not necessarily have to be done in the major department, although most SIPs are done in the major or in one or both departments of a double major. Some majors strongly encourage their students to do their SIP in the major. Many departments have certain prerequisites that must be met before doing a SIP within that department.
- All departments and programs provide written guidelines or requirements for SIPs done within their disciplines. Ask your department or faculty advisor for guidelines early in the process. In general, SIPs take the following forms:
 - Research thesis or reading project culminating in review paper
 - Internship with a paper relating theory to practice
 - Laboratory or field research with a paper
 - Translation with appropriate explanation
 - Creative work culminating in an exhibition, performance, and/or written work
 - Under extenuating circumstances, with approval of the Department or Program Chair or IIM committee, advanced course work at Kalamazoo College or another institution may be substituted for the SIP
- Departments and potential SIP supervisors are not obliged to approve every SIP proposal that is presented to them. You may have to meet certain prerequisites, or you may have to adjust your ideas or modify your proposal, before it gains the approval of a SIP supervisor. Enlist a SIP supervisor early in the process and then work with that person to develop a project that will be interesting, significant, and meaningful to you.

The SIP Quarter

- Students may conduct SIP work over the summer (as part of an extended fall term), during the fall quarter, or during the winter of their senior year. In some departments, SIP units may be distributed over multiple terms, e.g., 1 unit in Extended Fall and 1 unit in Fall term. Such distribution is determined by departmental guidelines, not by individual SIP students (although students who have declared an Independent Interdisciplinary Major will work out the details with their committees).
- Students may not overload while working on their SIP. With the exception of performance-based SIPs in specific departments, which may have partial units spread over multiple quarters, students will have at least one "SIP quarter" in which at least one unit is devoted to the SIP.
- There are **no** Spring SIPs. However, SIPs that have units distributed over multiple terms (e.g., performance-based SIPs) may have some fraction of a unit registered during Spring; these SIPs would have been registered and substantial work completed during the Fall or Winter.
- The SIP quarter will be included in any financial aid package you already receive. A SIP is charged as part of a regular quarter load (2 to 4 units of course work carries the same tuition fee). A summer SIP will be registered in the Extended Fall term and included in the Fall tuition billing.

SIP Registration Policies

The SIP registration form should be submitted to the Registrar's Office during registration or the drop/add period for the quarter.

- Some departments may also require a *SIP proposal* or *contract*, which should be submitted to your SIP department. Your department's SIP contract deadline may be earlier than the normal SIP registration deadline, in which case it is recommended that you turn your SIP registration form in to the Registrar's Office at the same time that you submit the contract to your department. Some departments require all SIP proposals to be submitted in the spring. **Submitting a SIP proposal to your department does not constitute registration for your SIP; you must officially register by submitting a registration**

form to the Registrar's Office in order to receive a grade or earn credit for a SIP.

- The SIP registration form requires your signature and the signature of your faculty SIP supervisor (the person who will evaluate and grade your work). Many departments also designate a SIP coordinator. Find out from your department who your coordinator will be.
- Any changes to SIP registrations must be made in the Registrar's Office by the end of the drop/add period of the quarter of registration (Fall quarter for Summer and Fall units; Winter quarter for Winter units). This includes dropping a SIP, changing your department or SIP advisor, changing the number of units, etc.
- After the end of the drop/add period, you may withdraw from a SIP as you would from any other class, and the SIP will appear on your transcript with a grade of W. The withdrawal period for SIPs ends on Friday of the first week of the term following the SIP quarter (the end of the drop/add period for the following term).
- Overloading is not permitted during a SIP quarter. Work completed over the summer as part of an extended fall SIP is the exception; students with a summer SIP unit may take up to 3 full-unit courses or 2 full-unit courses and a fall SIP unit during the regular fall term. (Registration above 3.9 units is considered an overload.)
- A student may not take 1 unit of SIP as their only course during a quarter unless that is the only unit they need to graduate.
- If a student drops, withdraws from, or fails a SIP, the original SIP advisor is not obligated to supervise a second SIP with that student.

SIP Deadlines for Students and Faculty

- Each Department, Program, or IIM Committee is responsible for establishing and implementing specific SIP deadlines within the SIP quarter (the term in which the bulk of the work on the SIP is to take place). This may include deadlines for drafts, interim feedback, revisions, presentations, etc.
- For all SIPs, the final copy (i.e., no more revisions) is due to the SIP supervisor no later than Friday of second week of the term following the SIP quarter. For Summer SIPs, this means second week of the Fall quarter, even though Summer SIPs appear with the Fall registration. Students are expected to be completely finished with all work associated with the SIP by that time, with the possible exception of departmental or program symposia in later terms.
- Faculty shall submit Credit/No Credit grades by Friday of 6th week of the quarter following a registered SIP unit. For departments with partial SIP units extending into Spring, that partial unit grade is due by 6th week of the Spring quarter. A grade of Credit may be upgraded to Honors (e.g., after a Spring departmental symposium) until the end of Spring quarter.
- The time lag between students turning in completed SIPs and faculty deadlines for turning in grades should not be interpreted as extra time for students to make revisions to the SIP. Work on the SIP in a quarter in which the student is not registered for SIP credit is considered an "invisible overload" for the students and is against College policy.

SIP Grades

- The SIP will receive a grade of Honors (H), Credit (CR) or No Credit (NC). If you complete a SIP in two departments, you may be graded separately by each department. The SIP grade is not included in the cumulative GPA calculation, though it is recorded on the academic transcript along with the title of the project. There are no college-wide rules regarding length or breadth of paper that determine the difference between a CR and an H; the grade is determined solely by evaluators within the academic department or program, with the input of any outside mentors the student may have consulted.
- Students who register for a 2-unit SIP but only complete enough work to earn 1 unit will receive a grade of CR for one unit and a grade of NC for the other unit. Faculty may also award a CR for one unit and an H grade for a second unit of a 2-unit SIP.
- An "In-Progress" notation (IP) indicates that a SIP is continuing beyond the end of the quarter.
- Incompletes will only be issued in consultation with the faculty SIP supervisor, and only in the event of a verified serious illness or family emergency. An incomplete will not be granted for poor or neglected work.

PE/Wellness Unit

The College requires all students to successfully complete one unit of physical education or wellness activity classes (typically five classes). PED 101 (Mind/Body) counts as two activities and may not be repeated. PE/Wellness activities are graded CR/NC. Only one unit of PE/Wellness activities may be counted toward graduation; students may participate in additional activities but will not earn additional units towards graduation.

Full-unit, credit-bearing courses such as PED 210 are separate from the PE/Wellness activities; they apply as separate units toward graduation rather than toward the five activities requirement.

Transfer credit may be applied toward the PE/Wellness unit requirement.

Majors, Minors, and Concentrations**Completion of a Major**

Each student is expected to pursue a passion and develop expertise in at least one academic discipline or interdisciplinary area. A major is required for graduation; students may supplement this by completing a second disciplinary major or minor or by integrating courses from several disciplines.

Majors programs are designed to move from the broad to the specific through a sequence of core and elective courses. Upper-level majors courses usually delve deeply into a specific topic, and students can shape a particular emphasis within a major through their choice of upper-level courses. No matter what the discipline, all majors programs build skills in written and oral expression, information literacy, critical thinking and analysis, creative problem-solving, and independent scholarship.

Each major consists of a minimum of eight units plus cognates. The specific requirements for all major programs are documented in the Academic Programs section of this catalog. Students are required to declare a major during the winter of their sophomore year. The

major program of study may be changed thereafter by filing a Change of Major form in the Registrar's office. If a double major is chosen, students must meet the requirements of both programs, including comprehensive examinations (if required). The number of units from study abroad that may count toward the major is determined by the department or program. See the Requirements for the Major for the specific departmental requirements.

- Students may not double count a single course to meet multiple major or minor requirements (two different requirements for a single major or minor, requirements for two different majors or minors, or requirements for a major and a minor) except that requirements for the IAS major may be used to satisfy another major or minor. A single course may meet the requirements for a major and be a cognate course for another major or a minor.
- All courses taken in the major field of study and that major's associated cognates must be at C- or better.

Transfer units may be used toward majors, minors, and concentrations at the discretion of the faculty in the associated department or program. Many departments have limits on the number of credits from outside Kalamazoo College that may count toward the program.

Minors

A minor consists of a minimum of six units within one department, all of which must be earned at a grade of C- or better. A minor is not required for graduation, but may be used by the student to strengthen a knowledge base different from or complementary to the required major program. Courses taken in a minor program may not also count toward a major or another minor.

Concentrations

A concentration consists of a minimum of six interdisciplinary units, all of which must be earned at a grade of C- or better. A concentration is not required for graduation, but may be used by the student to strengthen a knowledge base different from or complementary to the required major program. A course used for a concentration may also count for a major or a minor.

Outcomes of a Kalamazoo College Education

To understand our richly diverse and increasingly complex world, to be successful within that world, and to provide enlightened leadership to that world, a Kalamazoo College graduate will:

- know at least one field of inquiry in depth
- have studied a variety of fields of inquiry
- have explored the cultures of different regions of the world
- be able to learn effectively in a variety of settings
- be able to integrate theory and experiences through reflection
- respect personal and cultural differences
- be able to communicate effectively in both written and oral forms
- be proficient in at least one second language
- be able to think critically, reason analytically, and solve problems skillfully

Degree Requirements

| <i>#Units</i> | <i>Requirements</i> |
|----------------------|---|
| 3 Units | Shared Passages Seminars |
| 1 Unit | First-Year Seminar (WRIT 130 or SEMN 100-199) First-Year Seminars do not satisfy major, minor, or concentration requirements. |
| 1 Unit | Sophomore Seminar (SEMN 200-299) May be used to satisfy major, minor, or concentration requirements at the discretion of departments and programs. Students may substitute two cultures courses for the sophomore seminar. |
| 1 Unit | Disciplinary or Interdisciplinary Senior Seminar (SEMN 400-499) May be used to satisfy major, minor, or concentration requirements at the discretion of departments and programs. |
| Up to 3 Units | Second Language Demonstrated proficiency through the Intermediate Level (103 or 201, depending on the language). |
| 1 or 2 Units | Senior Individualized Project 1 unit minimum *. |
| 1 Unit | Physical Education (5 activities) May be satisfied by completing five activities, each equal to 0.2 units, selected from physical education activity classes taken on campus or while on study abroad, intercollegiate sports, and Land/Sea. (PED 101 counts for two activities of the five required.) |
| 8-12 Units | Major Every student must complete a major. Some students also choose to declare a minor, concentration, or second major, although those are optional. Some departments may require majors to pass a comprehensive exam to complete the major or graduate with honors. Majors, minors, and concentrations are described in the Academic Programs section of the catalog. Please consult those descriptions for requirements in those programs. |

Residency, Unit, and GPA Requirements

| | |
|-----------------|--|
| 36 Units | Minimum Required for Graduation , not including PE activities A minimum of 18 full-unit courses must be completed at Kalamazoo College, including 6 of the last 12 courses*. These minimum units exclude units earned on Study Abroad, study away (including GLCA programs), and inter-institutional registration. |
| 1 Unit | PE/Wellness activities (5 activities) |
| 2.00 | Cumulative GPA |

**Students on approved 3/2 engineering or health professions early entry programs are not subject to the SIP requirement or the requirement that 6 of the last 12 courses must be at Kalamazoo College.*

Additional Key Curricular Components

Students should choose a wide-ranging set of courses, in consultation with their advisors, to expand their horizons and complement their major. Students are also encouraged to integrate the following key elements of the K Plan into their own learning experience:

- Study abroad
- Service-learning
- Disciplinary and integrated, interdisciplinary minors
- Student research
- Career and Professional Development internships and externships
- Guild participation
- Land/Sea
- Involvement in student activities and athletics

Note about Skills:

Development of skills such as writing, oral communication, cultural understanding, critical thinking, creative expression, reflection, quantitative reasoning, information literacy, and research skills will take place across the curriculum: in seminars, in many general education courses, and in the major. Majors may require liberal arts cognates to supplement or complement the learning that happens within the major, whether that be skill development, concept understanding, or related content.

List of Programs

Majors

Anthropology and Sociology
 Art History
 Art – Studio Art
 Art – Studio Art and Art History
 Biology
 Business
 Chemistry
 Classical Civilization
 Classics
 Computer Science
 East Asian Studies
 Economics
 English
 English with an emphasis in writing
 French
 German
 Greek
 History
 Human Development and Social Relations
 Independent Interdisciplinary Major
 International and Area Studies
 Latin
 Mathematics
 Music
 Philosophy
 Physics
 Political Science
 Psychology
 Religion
 Spanish
 Theatre Arts

Minors

Anthropology and Sociology
 Art – Studio Art
 Art History

Business
Chinese
Computer Science
Economics
English
French
German
Greek
History
International Business and Economics
Japanese
Latin
Mathematics
Music
Philosophy
Physics
Political Science
Psychology
Religion
Spanish
Theatre Arts

Concentrations

African Studies
American Studies
Biochemistry & Molecular Biology
Biological Physics
Classical Civilization
Critical Theory
Environmental Studies
Health Studies
Jewish Studies
Independent Interdisciplinary Concentration
Media Studies
Neuroscience
Public Policy and Urban Affairs
Women's Studies

Special Programs

3/2 Engineering
Complex Systems Studies
Shared Passage Seminars
Interdisciplinary Courses
Neglected Languages
Physical Education

Experiential Programs

Experiential education is an important element of the K-Plan, with on-campus and off-campus opportunities in both domestic and international settings. Study abroad, study away through domestic programs, service-learning, student research, internships and externships, the Guilds, and student activities and athletics are key curricular components of the K-Plan, and are supported by a variety of administrative departments on campus.

First-Year Experience

The intentional weaving together of hands-on involvement, experiential learning, and mentorship within the context of a rigorous academic life is the hallmark of our First-Year Experience (FYE). Kalamazoo College was named one of thirteen "Institutions of Excellence in the First College Year" by the National Policy Center on the First Year of College and is featured in *Achieving and Sustaining Institutional Excellence for the First Year of College* (Jossey-Bass, 2005). US News & World Report has recognized Kalamazoo's First-Year Experience as a "program that really works." FYE at Kalamazoo College helps students:

- achieve academic success,
- identify and pursue passions,
- connect with Kalamazoo College and the greater Kalamazoo communities,
- construct complex intercultural understandings, and
- develop a purpose-filled and balanced life.

The FYE program includes orientation activities, the summer common reading, participation in a first-year seminar, and attending first-year forum activities throughout the first year.

Center for Career and Professional Development

During the college years, every student develops a unique combination of experiences, abilities, interests, and values. The Center for Career and Professional Development (CCPD) empowers students to identify and explore experiences that will help them clarify their career aspirations, broaden their networks, and hone their professional skills, so that they are well prepared to step confidently into life after Kalamazoo College. Together with academic advisors, the Center's career counselors help advise students as they select classes, majors, externships, internships and other field-based experiences, campus employment, organizational involvement, alumni mentors, service-learning opportunities, study abroad sites and Intercultural Research Projects, and Senior Individualized Project topics, developing a coherent set of experiences that builds a strong sequential pathway toward readiness for a chosen profession.

To support students in their career development, the CCPD offers a variety of programs (The Discovery Externship Program, the Field Experience Program, and the twice-annual Professional Development Institutes), as well as services including individual counseling appointments, peer advising, career assessment tools, résumé and cover letter critiques, practice interviews, and a variety of workshops and events.

The newest component of the Center's work is the Guilds. The Kalamazoo College Guilds are communities of practice that bring together students, alumni, faculty, staff, and friends of the College around common professional interests. For students, Guilds connect elements of the K-Plan into a more integrated educational experience and develop networks and professional relationships useful after graduation. Guild members develop and strengthen vocational networks and undertake collaborative projects that build upon members' interests and professional expertise to seek new perspectives and insights into current issues.

Center for International Programs

Every study abroad program at Kalamazoo College is unique, but each offers challenging course work in an education system whose values and methods reflect those of the local culture, opportunities for integrative cultural experiences, and structured opportunities for using the local language(s) both in and out of the classroom. As the academic, language, and other specific qualifications differ from program to program, it is imperative that students carefully read the program descriptions and Study Abroad Handbook, available from the Center for International Programs (CIP).

GLCA Domestic Study Away Programs

Kalamazoo College students who meet appropriate qualifications are eligible to apply for participation in a fine arts program in New York City, a fall quarter seminar at the Newberry Library in Chicago, an urban studies program at The Philadelphia Center, a semester program on the U.S.-Mexico border through the Border Studies Program, and a science/social science term at the Oak Ridge National Laboratory in Tennessee. College faculty members serve as liaison advisers to these programs. Students interested in the GLCA programs should consult with the appropriate faculty advisor or the Center for International Programs.

Service-Learning

The nationally recognized Mary Jane Underwood Stryker Institute for Service-Learning, engages about half the students at Kalamazoo College in service-learning courses and/or co-curricular programs with over 40 community organizations, through which we address issues such as disparities in health and education, immigration, prison reform, community arts, food systems and food justice, and sustainability. Students conduct research and outreach, develop community gardens, make films, tutor in public schools, create health materials, make art and write with community members, and more - all in the context of ongoing partnerships designed in collaboration with the community. Each year, faculty offer over 20 community-based courses across the disciplines, while 25-30 student leaders, who hold endowed Civic Engagement Scholarships, work closely with Institute staff to coordinate sustained service-learning programs in which about 200 of their peers participate every week. Forging a link between service and learning, theory and practice, and the local expression of global issues, we work to strengthen the community, invigorate the educational experience, and promote students' informed and ethical engagement in a more just, equitable, and sustainable world. In every partnership, we emphasize collaborative learning and a social justice orientation, requiring of students both critical analysis and purposeful reflection.

LAC Program

Each year the Liberal Arts Colloquium endorses approximately 75 public events. This open forum hosts lectures by prominent scholars, concerts by renowned musicians, performances by important artists, panel discussions by experts convened to address social issues, talks by experts and emerging artists, and annual events to commemorate historical figures and cultural holidays. The program contributes to campus life by celebrating, in the spirit of critical inquiry and aesthetic appreciation, the ongoing pursuit of knowledge, artistic innovation, intercultural understanding, and moral inquiry. By convening Kalamazoo College's learning community around such events, the LAC forum reinforces the idea that public deliberation and artistic appreciation are essential for a lifelong commitment to civic responsibility and vocational readiness.

Advising and Related Services

Academic Advisors

Academic advisors are academic mentors who notice what is happening to their advisees, pay attention to their academic progress, and help them work towards completing their degrees and identifying and fulfilling their academic goals. Academic advising at Kalamazoo College helps students to develop academic plans compatible with their interests, abilities, and goals; design a course of on- and off-campus study and meet degree requirements; grow intellectually and personally; and make the most of their undergraduate education. New students are assigned to an advisor linked to the First-Year Seminar. In winter of their sophomore year students are required to declare a major and may move to an advisor in the major department. Departmental Student Advisors (DSA) provide a student perspective on majors, minors, and concentrations.

Early Alert

Kalamazoo College maintains a system of "early alert" for students who may be placing themselves in academic jeopardy. This process has been developed within the parameters of confidentiality and personal integrity of each student and College personnel involved. Each quarter instructors and advisors are asked to inform the Dean of Advising of students who may be causing concern exhibited by poor attendance, missed assignments or tests, lack of participation in class, failing tests, signs of emotional or physical distress, or previous placement on academic probation. These alerts are reviewed weekly by a small group of student development and academic administrators. This group works closely with the academic advisor, professor, and student. They make referrals and encourage the student to develop strategies that will promote a positive academic experience.

Peer Leaders

Peer Leaders, carefully selected student-mentors, share their knowledge and experiences to help First-Year students achieve greater academic and personal success. Each First-Year Seminar is assigned a Peer Leader, as are transfers and visiting international students.

Student Health Center

The Kalamazoo College Student Health Center is staffed by physician assistants, registered nurses, and an office coordinator. Medical supervision is offered by Bronson Family Practice. Services include acute medical care, diagnosis and treatment of illness and injury, travel consultation and immunizations, gynecological care, and limited diagnostic testing. If necessary referrals are provided to outside medical care centers and specialist physicians. Most services are provided at minimal or no cost. However, it is strongly recommended that students have health insurance while at Kalamazoo College. Although the Student Health Center does not bill insurance companies, it will supply invoices for submission.

Counseling Center

The Counseling Center provides a confidential setting where mental health professionals and interns help students understand and work through personal concerns. Our services include individual counseling and psychotherapy, support groups, educational workshops, psychological testing (personality, alcohol/other drug, and learning disability assessments), and referral to off-campus mental health professionals.

Students with Disabilities

In compliance with section 504 of the Rehabilitation Act of 1973, as Amended, and with the Americans with Disabilities Act of 1990 (ADA), Kalamazoo College recognizes that qualified students who have diagnosed or identified learning, physical, and emotional disabilities are entitled to the same benefits from the educational programs of the College. Kalamazoo College is committed to making every effort to providing reasonable accommodations, unless that imposes an undue hardship or burden. The Associate Dean of Students and the student will work together to negotiate and ensure appropriate accommodations that will work for the student. Cost associated with diagnosis, evaluation, and testing is the responsibility of the student, except in cases of severe financial need demonstrated to, and upon recommendation of, the Associate Dean of Students. The office also makes assistance available to students experiencing short-term illness or physical injury.

Academic Programs

African Studies

Mr. Bangura (Director)

The concentration in African Studies offers students the opportunity to study Africa, its people, and its societies from a perspective that provides a holistic understanding of the continent. In order to provide concentrators with an in-depth understanding of African peoples and cultures, histories, and the political, economic, and ecological environments, the program draws upon the social sciences, natural sciences, and humanities.

In addition, students will develop a heightened awareness of the long-term and complex relationship between Africa and the West. A core curriculum of courses, coupled with study abroad opportunities and an ongoing series of campus events including speakers, special programs, and visiting scholars, will provide students with a foundation for future work and/or study in African studies and related fields.

Requirements for the Concentration in African Studies

Number of Units

Six units are required.

Required Courses

AFST/HIST 104 Introduction to African Studies
AFST/HIST 276 Civilizations of Africa
AFST/HIST 277 Contemporary Africa

Three additional courses chosen from the following list. Courses should include Africa specific study abroad subject to approval by the Director of African Studies.

AFST/ANSO 290 Africa in Global Context
AFST/HIST 273 Africa and the Atlantic Slave Trade
AFST/POLS 248 Politics of Sub-Saharan Africa
ENGL 221 African Literature
FREN 480 Francophone Literature

Concentrators are encouraged to take as many core and elective courses as possible.

Courses taken abroad and at other U.S. colleges and universities, or with guest scholars on campus, may meet a concentration requirement. Students are encouraged to speak with the Director of African Studies as they develop their program.

Kalamazoo College also operates study abroad programs in Africa: Kenya, Senegal, Egypt, and Botswana. These give students an intensive academic and intercultural experience in an African region. The specific African countries in which the College operates are listed in the "Center for International Programs" section of this catalog.

African Studies courses

AFST 101 Elementary Kiswahili I This course introduces students to the basic structures of Kiswahili with an emphasis on achieving elementary communication skills in reading, writing and grammatical skills. Student will become familiar with aspects of the language they would need in Kiswahili-speaking communities in Eastern Africa. This course also introduces students to the appropriate contexts of language usage by providing them with insights into the culture, traditions and history of Kiswahili-speaking peoples.

AFST 102 Elementary Kiswahili II This course continues to introduce students to the basic structures of Kiswahili with an emphasis on achieving elementary communication skills in reading, writing and grammatical skills. Student will become familiar with aspects of the language they would need in Kiswahili-speaking communities in Eastern Africa. This course also continues the introduction of appropriate contexts of language usage, providing students with insights into the culture, traditions and history of Kiswahili-speaking peoples.

AFST/HIST 104 Introduction to African Studies This course introduces students to selected themes, paradigms, and concepts in African Studies. It is divided into four sections: section one deals with "Pre-colonial African societies;" section two examines "The Idea of Africa;" section three focuses on "African Studies as an academic discipline;" section four addresses "Colonialism and its impact on Africa." It is strongly recommended that students take the Introduction to African Studies course before taking any of the upper level African Studies classes.

AFST 201 Intermediate Kiswahili Kiswahili 201 is a continuation of Elementary Kiswahili I & II that students have taken at K or while on study abroad in Kenya. The course emphasizes skills of listening, speaking, reading and writing with intermediate level grammatical structures. Half of the class time will be devoted to conversation and oral practice, reinforcing and going beyond the skills the students have mastered while on study abroad. The rest of the time will be devoted to reading and learning some intermediate-level grammar. Students are required to review all the readings prior to each class meeting. Attendance is required.

AFST/POLS 248 Politics of Sub-Saharan Africa This course offers an in-depth perspective on the study of Sub-Saharan African politics. It examines Africa's post-independence democratic strides, security issues, and the failure and successes of statism. It specifically exposes students to the challenges and the conundrum of the postcolonial state and the efforts in dealing with such challenges in Africa. The end of the Cold War as well as the demise of apartheid affected the political landscape in Africa, thus strengthening the role of grassroots organizations and of other external forces to engage in the process of state reconstruction.

AFST/HIST 272 Gender Relations in Africa This course explores categories of masculinity and femininity that relate to and inform one another. It analyzes how these identity categories interact with other axes of social and political power, such as ethnic affiliation, economic status, and age in various places and times in Africa.

AFST/HIST 273 Africa and the Atlantic Slave Trade This course examines the complex web of connections that linked together the various lives and fates of Africans, Europeans, and Americans via the Atlantic slave trade. It analyzes the mode of enslavement of Africans by slavers in Africa, the experiences of slaves in the Middle Passage, and the impact of the trade on continental and Diasporan Africans. It also explores the role played by Africa-based abolitionist movements in ending the trade in Atlantic Africa.

AFST/RELG/HIST 274 Islam in Africa This course explores the spread of Islam from the Arab peninsula to the African continent in the seventh century through the nineteenth century and limns the factors which facilitated this advance. It examines the methods and principles of Islam and how the religion affected the life styles of its African neophytes and adherents. As a result of the interaction between Muslim and African civilizations, the advance of Islam has profoundly influenced religious beliefs and practices of African societies, while local traditions have also influenced Islamic practices. Muslims were important in the process of state-building and in the creation of commercial networks that brought together large parts of the continent. Muslim clerics served as registrars of state records and played a role in developing inner-state diplomacy inside Africa and beyond.

AFST/HIST 276 Civilizations of Africa Study of Africa south of the Sahara including the origins of man and the emergence of food producing communities; Ancient Egypt and pre-colonial African kingdoms and federations; medieval empires of western Sudan, Ethiopia, and Bantu-speaking Africa; and the Atlantic slave trade. Emphasis on socio-political and economic history.

AFST/HIST 277 Contemporary Africa Study of Africa south of the Sahara including colonialism and the anti-colonial struggles of the post-WWII period.

AFST/HIST 279 Special Topics in African History This course will focus upon a topic in African history that is not addressed in the department's regular offerings. The course can be repeated with different topics.

AFST/ANSO 290 Africa in Global Context An examination of contemporary African societies. Particular emphasis is given to the ways that people and places on the African continent have been and continue to be connected to global dynamics and the implications of these past and present connections for people's lives as they are lived today.

AFST 295 Special Topic: African Studies Special Topics offerings focus upon topics in African Studies that are not addressed in the department's regular offerings. The course can be repeated with a different topic. Check the course schedule to see when Special Topics courses are being offered.

AFST 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that program, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

American Studies

Ms. Boyer Lewis (Director)

The concentration in American studies offers an interdisciplinary approach to the study of American culture. The concentration provides an excellent background for a wide variety of pursuits. Students will take six courses focusing on American institutions in fine arts, history, literature, political science, psychology, sociology, and religion. The concentration also offers a focus on Native American studies.

Requirements for the Concentration in American Studies

Number of Units

Six units are required.

Required Courses

One American History course: AMST/HIST 110 or 111

One American Literature course: AMST/ENGL 269, 270, 275, or 276

Core Courses

Four additional courses from at least two of the following different categories:

History

AMST/HIST 110 History of the US I

AMST/HIST 111 History of the US II

HIST 200 Colonial America

HIST 203 Revolutionary America

HIST 206 Culture and Society in Victorian America

HIST 209 Post World War II America

HIST 211 Native American History

HIST 213 The Slave South

HIST 217 History of Leisure and Recreation in America

HIST 218 The American Jewish Experience

HIST 220 American Women's History to 1870

HIST 221 American Women's History since 1870

HIST 223 American Diplomacy since 1898

Literature and Fine Arts

AMST/ENGL 269 New World Narratives: American Literature 1500-1790

AMST/ENGL 270 Reform and Renaissance: U.S. Literature 1790-1860

AMST/ENGL 275 American Realisms: United States Literature 1865-1914

AMST/ENGL 276 Modernism and Postmodernism: United States Literature 1914-Present

ARTX 224 20th-Century Art

ENGL 220 African-American Literature

ENGL 222 American Indian Literatures

ENGL 230 Studies in U.S. Ethnic Literature

ENGL 260 Studies in Film (depending on topic)

ENGL 435 Advanced Literary Studies

MUSC 140 American Music

MUSC 165 Jazz: A Creative and Cultural Exploration

MUSC 205 Music and Identity

THEA 155 Introduction to African American Theater

Politics

POLS 105 Introduction to American Government

POLS 225 Constitutional Law

POLS 227 Law, Politics, and Society

POLS 230 Presidency and Congress

POLS 232 Public Policy: Environmental Policy

POLS 285 United States Foreign Policy

POLS 325 Race and Politics

POLS 370 Civil Liberties and Majority Power

POLS 380 Drugs, Democracy, and Human Rights

POLS 420 Politics, Parties, and Public Opinion

Society

ANSO 103 Introduction to Society and Culture

ANSO 205 Urban Sociology

ANSO 215 Crime and Society

ANSO 220 The Family

ANSO 224 Neighborhood Organizing Practicum

ANSO 230 Sociology of Religion

ANSO 235 Prisons and Public Policy

ANSO 236 Race and Racism

ANSO 255 The Media and Popular Culture

PSYC 230 Psychology of Prejudice

RELG 218 American Jewish Experience

RELG 111 Religious History of the United States I
RELG 112 Religious History of the United States II
RELG 222 US Black Religious Experience
RELG 313 Catholicism in the United States
RELG 368 Hindu Traditions in the Americas

Students interested in Native American Studies should take: ENGL 222, HIST 211, and RELG 111.

Other courses may be accepted at the discretion of the director. Concentrators should consult with the Director of American Studies as early as possible to develop their program. Concentrators are encouraged to take as many courses as possible and to take HIST 391 Seminar in US History their junior or senior year.

Senior Individualized Project (SIP)

The SIP in American Studies is encouraged but not required. Any faculty member regularly teaching in the American Studies program may direct a SIP in American Studies. Concentrators should consult with the Director of American Studies.

American Studies courses

AMST/HIST 110 History of the United States I America from colonial times to 1865, with emphasis on economic, social, intellectual, and political developments. Required for Michigan secondary teaching certificate.

AMST/HIST 111 History of the United States II America from 1865 to the present, with emphasis on economic, social, intellectual, and political developments. Required for Michigan secondary teaching certificate.

AMST/ENGL 269 New World Narratives: American Literature 1500-1790 A study of the divergent and complementary tales emerging from those settled in or settling "America." Texts include American Indian and European creation myths, exploration narratives, Puritan poetry, captivity narratives, and African folk tales. Prerequisite: Sophomore standing or an English Reading the World course.

AMST/ENGL 270 Reform and Renaissance: U.S. Literature 1790-1865 A study of literature emerging during a period of significant social upheavals; the continuing shift from a colonial to an "American" identity, the unsettling of indigenous populations, the movement of European populations westward, and the Slavery and Woman questions. Through an exploration of diverse texts, students will examine a literature shaped by an impulse to transform or reform pre-existing perspectives and genres. Prerequisite: Sophomore standing or an English Reading the World course.

AMST/ENGL 275 American Realisms: U.S. Literature 1865-1914 This course examines a variety of approaches to knowing a literary period. We will explore theoretical, socio-historical, formal, and thematic paradigms that can organize our understanding of the wide variety of written and cinematic texts produced in the period between the end of the Civil War and the beginning of World War I. Through a study of the frequently conflicting stories about gender, race, sexuality, art, and Americanness that come to voice during this period, students will challenge and complicate their definitions of literary realism. Prerequisite: Sophomore standing or an English Reading the World course.

AMST/ENGL 276 Modernism and Postmodernism: U.S. Literature 1914-Present A study of the rise of a modern aesthetic in the wake of World War I and the postmodern response in the second half of the 20th century with an eye toward the diversity of voices and formal choices that mark this period. Prerequisite: Sophomore standing or an English Reading the World course.

AMST 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that program, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum & Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Anthropology and Sociology

Ms. Baptiste, Ms. Barraclough, Ms. Cunningham (Chair), Ms. Garriga-Lopez, Mr. Kokushkin, Ms. Lane

The related disciplines of anthropology and sociology seek to understand the nature of communities, organizations, institutions, the systems of cultural meanings that form and inform them, and the interplay between individuals' lives and the societies in which they live. Such understanding requires critical understanding of the interactions among societies and especially the political, economic, and cultural dimensions of power embodied in structures of class, gender, ethnicity, and race that operate on both a local and global level.

Our goal is to provide courses that integrate the two disciplines into a common curriculum from which students derive the multiple perspectives, patterns of evidence, and methodological skills that will engender a broad yet nuanced understanding of the local and global dimensions of contemporary issues. This awareness, gained through reading, discussion, and active engagement both in the local community and through international programs and projects—is remarkably consistent with and thus directly serves the overall mission of the college: "to better understand, live successfully within, and provided enlightened leadership to a richly diverse and increasingly complex world."

Students graduating with a major in Anthropology and Sociology will find this major relevant for careers not only in anthropology and sociology but also in such related fields as human services, journalism, law, urban affairs, international development, government, business, and education.

Requirements for the Major in Anthropology and Sociology

A minimum of nine courses, comprised of the five core courses and four other ANSO courses of the student's choosing. Only one of the nine courses may be taken off-campus.

The Core (required)

ANSO 103 Introduction to Society and Culture

ANSO 212 Quantitative Analysis and Statistical Reasoning *
ANSO 245 Qualitative Research Methods
ANSO 345 Theories of Society and Culture
ANSO 490 Senior Seminar: Current Dialogues in Anthropology and Sociology
**Though it is not recommended, students may substitute, with permission, MATH 105 or MATH 260 for this requirement.*

Requirements for the Minor in Anthropology and Sociology

Number of Units

A minimum of six courses.

Required Courses

ANSO 103 Introduction to Society and Culture

Select the remaining five from all other courses except ANSO 490. ANSO 345 is recommended. Only one of the six courses may be taken off campus.

Anthropology and Sociology courses

ANSO 103 Introduction to Society and Culture This course is an introduction to the academic study of culture and social structure, as developed through the fields of cultural anthropology and sociology. Students will develop a vocabulary of core concepts and analytical skills for the study of cultures and societies both local and global. Through readings, films, lectures, class discussions, and experiential projects, students will explore the nature of communities, organizations, and institutions; the system of meanings that form and inform them; and the interplay between individuals' lives and the societies in which they live. Along the way, students will be asked to apply course concepts to their own lives in a critical way, and to reflect upon how such issues as belief systems, social stratification, culture change, gender roles, etc play out in an increasingly interconnected and globalized world.

ANSO 110 Medicine and Society Cross-cultural analysis of the relationship of society to health and the disease process through the examination of the evolution of knowledge about disease; views of disease by different societies, ethnic groups, and social classes; and alternative national health care systems. Prerequisite: ANSO-103, ANSO-105, or ANSO-107

ANSO 205 Urban Sociology This course examines the historical processes of urban economic, political, and social change that have shaped American cities in the twentieth and twenty-first centuries, such as the shifting fate of industrial work, racially exclusive suburbanization, and transportation funding and development. It also focuses on contemporary urban policy issues ranging from gentrification and the crisis of affordable housing to transit equity and the privatization of public space. Students will critically analyze major theoretical perspectives on the city including urban ecology, political economy, postmodern urbanism, feminist theory, and theories of immigrant incorporation; and they will engage in a series of experiential, field-based projects through which they will apply, test out, and evaluate these theories.

ANSO 212 Quantitative Analysis and Statistical Reasoning An introduction to the use of quantitative analysis and statistical reasoning in the fields of sociology, anthropology, and human development and social relations. The course will emphasize understanding and critiquing data and conclusions, and students will produce data sets as well. Students will develop skill in using SPSS. (Though it is not recommended, students may substitute, with permission, MATH 105 or MATH 260 for this requirement.) Prerequisite: ANSO-103, ANSO-105, or ANSO-107

ANSO 220 The Family This course examines the institution of The Family, primarily from a critical perspective. After situating The Family in cultural and historical structures of race/ethnicity, class, and gender, we explore the institution as a site for the production and reproduction of femininity, masculinity, and (hetero)sexuality. We also examine the implications of the institution and the dynamics of power embedded in it for individuals and groups working against the dominant script.

ANSO 225 Sex and Sexualities This course provides students with an overview of influential theories about the social aspects of sex and sexuality, as well as some direct engagement with ethnographic representations of sexual worlds and their politics. It examines the diversity of human sexual identities and activities in their historical, philosophical, legal, and social contexts. This course will consider sex and sexualities in an intersectional way, that is, in and through their intersections with issues of race, class, gender, nationality, and globality. Prerequisite: ANSO-103, ANSO-105, or ANSO-107

ANSO 230 Sociology of Religion An introduction to theories and research in the sociology of religion, with particular emphasis on religious patterns in the United States. Attention will be given to the social sources of the growth and decline of various religious groups and traditions; relationships between religion, ethnicity, and politics; civil religion and cultural conflict.

ANSO/SEM 233 Capitalisms and Socialisms This course will look at different political and economic systems around the world and across times. Ideological debates tend to idealize and simplify the notions of capitalism and socialism, thus ignoring the fact that neither of those systems exists in the vacuum of its "pure" theoretical form. We will explore various elements of capitalist and socialist systems and how these elements mix together in different countries. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomore standing.

ANSO 234 Latin America in Global Context This course will primarily examine contemporary Latin American history from an anthropological perspective. The first part of the course will explore the role of colonialism and imperialism in the making of Latin America. In the second part of the course, the role of U.S. foreign policy will be discussed, particularly the specific policies the U.S. deployed in Latin America to "contain" alternative economic models deemed dangerous to U.S. capitalism. We also will examine the underlying assumptions of Western-centered development models imposed in Latin America and their relation to neo-colonialism and globalization. The final part of the course will explore revolutionary movements as they respond to the encroaching forces of capitalism. Prerequisite: ANSO-103, ANSO-105, or ANSO-107

ANSO 235 Prisons and Public Policy This course considers the social and cultural functions of prisons in the United States. It evaluates the changing political, economic, and social forces that define crime in the U.S. and propel support for mass incarceration; and examines how prisons operate as institutions of social control in response to crises of global capitalism, the perceived fracturing of American identity, and radical politics since the 1970s. It also considers policies related to prisoners themselves, including quality of life issues,

education and vocational training behind bars, probation and parole, and the dilemmas of rehabilitation and re-entry.

ANSO 236 Race and Racism This course equips students with a comprehensive understanding of “race” as a socio-political construct, and of racism as a structural and institutional process. Focusing primarily on the twentieth and twenty-first century United States, the course explores how race operates as an organizing principle of American life. It examines the historical development of notions of racial difference and the creation of racial inequality through science, philosophy, the law, and public policy; analyzes how contemporary social institutions perpetuate racial inequality; and considers the landscape of modern racial politics. Prerequisite: ANSO-103, ANSO-105, or ANSO-107

ANSO/SEMN/PSYC 238 Culture and Psychology of Arab-Muslim Societies This course provides an introduction to Arab-Muslim societies and cultures. It draws on readings from multiple disciplines to cover social structure and family organization in tribal, village, and urban communities, core value systems associated with the etiquettes of honor-and-modesty and with the beliefs and practices of Islam, and influences on psychological development through the life-span. It also will examine the processes of “modernization” and “underdevelopment,” the conflict between Westernization and authentic “tradition,” the “Islamic revival,” and the crisis of identity experienced by youth.

ANSO 240 Language, Culture and Society This course examines the relationship among language, culture and society with a special emphasis on the social and cultural factors that affect our use of and attitudes towards language. By examining how language is used in different socio-cultural contexts from an anthropological perspective, we will explore not only how language use varies according to social contexts and social groups, but also the roles that different varieties of language play in the expression of social identity and the production and reproduction of stereotypes and power relationships. Prerequisite: ANSO-103, ANSO-105, or ANSO-107

ANSO 245 Qualitative Research Methods This course provides students with the methodological tools and concepts that provide the foundation of sound, ethical, qualitative, ethnographic research. Using a project-based approach, students learn about and gain experience with conceptualizing, designing, implementing, and writing up the results of a qualitative research project. Prerequisite: ANSO-103, ANSO-105, or ANSO-107

ANSO/PSYC 250 Social Psychology Survey of contemporary topics in social psychology, including attitudes, conformity, group dynamics, media effects, aggression, and social cognition; includes an experimental or field-based research project. Prerequisite: PSYC-101 or ANSO-103.

ANSO/SEMN 255 You Are What You Eat: Food and Identity In a Global Perspective The goal of this course is to examine the social, symbolic, and political-economic roles of what and how we eat. While eating is essential to our survival, we rarely pay attention to what we eat and why. We will look at the significance of food and eating with particular attention to how people define themselves differently through their foodways. We will also study food's role in maintaining economic and social relations, cultural conceptions of health, and religion. Finally, the class examines the complex economic and political changes in food systems and the persistence of food's role as an expression of identity, social and ethnic markers. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomore standing

ANSO 257 Immigrants and Exiles From its classical reference to displaced communities as a result of wars of conquests or natural disasters to current movements of population across borders as a result of global capitalism, the concept of diaspora has accumulated an archive of academic and imaginative literature. This course, a comparative introduction to the study of diaspora, focuses on the development of diverse diasporic communities and their role on the current global stage. Our specific focus will be on how members of these communities stake their claims both to their home countries and to the countries in which they reside. Prerequisite: ANSO-103, ANSO-105, or ANSO-107

ANSO 260 Women in Cross-Cultural Perspective A comparative analysis of the lives of women in various societies around the world. Women's roles and lives are examined in the context of various structures of power and local, national, and international institutions, with particular emphasis on the implications of these dynamics for women's autonomy and self-determination, and the well-being of both themselves, their families, and their communities. Prerequisite: Take ANSO-103 ANSO-105 or ANSO-107;

ANSO/RELG 266/SEMN 201 Culture, Nationality, and Religion Designed as a Sophomore Seminar, this course focuses on the connections and disjunctures between culture, religion, and nationality. By conducting ethnographic research with religious communities in the Kalamazoo area, students will develop a set of intercultural knowledge, attitudes, and skills that can be applied during their study abroad and will leave the course with an understanding of the ways that the processes of culture, religion and nationalism, transnationalism, and immigration play out in their own lives and in the dynamics of faith communities in the U.S. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomore standing

ANSO 270 Communities and Schools Drawing on anthropological theories, this course will explore the role of schooling and other educational practices in the production of knowledge and the reproduction of hierarchies both in the United States and abroad. Through their participation in the service-learning component of the course, students will be able to examine firsthand how reproduction occurs in the local educational system. Prerequisite: ANSO-103, ANSO-105, or ANSO-107

ANSO/SEMN 278 Space, Place, and Landscape This course is an introduction to core concepts in cultural geography. Students will develop skills in spatial analysis as a useful, critical way of investigating the dynamics of culture and social structure. The course places particular emphasis on how power dynamics around race, gender, sexuality, class, nationalism, and colonialism are geographically embedded and constituted. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomore Standing

ANSO 279 Organizational Behavior This course is designed to provide you with analytical tools that will boost your assessment capabilities of organizations, the issues they are dealing with, and the challenges they and the people in them are facing. In addition, the material that will be covered during the term will tease and enhance your critical-thinking and investigative skills. Prerequisite: Sophomore standing

ANSO/HIST 288 Sports in East Asia Whether it's Yao Ming on the basketball court, Ichiro in Seattle breaking records, or the ubiquitous martial arts, “East Asian” sports seem to be everywhere these days. How did this come about? What can we learn about East Asian societies, and our own, from studying sports? These are some of the questions we will be tackling as we explore the history and significance of sports in East Asia. Drawing from a combination of primary materials, theoretical writings, comparative studies, and secondary works focused on East Asia, we will consider sports in terms of several issues: invented traditions, nationalism, body culture, gender, stardom, and the modern Olympics, to name just a few.

ANSO/AFST 290 Africa in Global Context An examination of contemporary African societies. Particular emphasis is given to the ways that people and places on the African continent have been and continue to be connected to global dynamics and the implications of these past and present connections for people's lives as they are lived today.

ANSO 295 Special Topics Special Topics offerings focus upon topics not addressed in the department's regular offerings. The course can

be repeated with a different topic. Check the course schedule to see when Special Topics courses are being offered.

ANSO 295 Politics and the Hip Hop Generation This class will examine the political situation in which members of the hip hop generation (loosely those under 40) find themselves. This class will use hip hop as a timeline and a cultural space to investigate various social phenomena such as globalization, race, gender, class, deindustrialization, the impact of crack cocaine on the United States, the prison industrial complex, consumption, sustainability, and activism. Prerequisite: ANSO-103 or ANSO-105 or ANSO-107

ANSO 320 Advanced Seminar: Special Topics in Anthropology and Sociology A seminar for students who wish to explore significant issues in sociology or anthropology at a more advanced level. Topics may vary from year to year. Prerequisite: ANSO-103 ANSO-105 or ANSO-107

ANSO 330 Class, Status, and Power This course deals with issues of the structure of wealth, poverty, prestige, and power in relationship to societal, interpersonal, and individual opportunities, constraints, and outcomes. The course is organized around a dialogue and discussion of several provocative readings. Those readings look at the class, status, and power structure of contemporary societies and world politics from a critical perspective. This course, in turn, will analyze, critique, and assess the arguments advanced by the authors. Prerequisite: ANSO-103, ANSO-105, or ANSO-107

ANSO/PSYC 340 Cultural Psychology Theories of how culture shapes thought, feeling, and the development of personality. Critical survey of topics in cross-cultural psychology, including culture and personality, child rearing, psychopathology, cognition, modernization, and underdevelopment. Prerequisite: PSYC-101

ANSO 345 Theories of Society and Culture Serving as the Anthropology & Sociology junior seminar, this course begins with a study of the writings of Marx, Durkheim, and Weber, as well as classical feminist and race theory. These theories are then tied to more contemporary theories of functionalism, interactionism, conflict theory, and contemporary feminist, race, and postmodern theories. Prerequisite: ANSO-103, ANSO-105, or ANSO-107 and Sophomore Standing

ANSO 490 Senior Seminar: Current Dialogues in Anthropology and Sociology Study of contemporary debates in sociology and anthropology, with particular attention to ways of knowing about and representing the social world. Prerequisite: Senior AnSo major

ANSO 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Art and Art History

Ms. Hahn, Mr. Koenig, Ms. Lindley (Chair), Mr. Rice

Courses in the art and art history department cultivate skills in the visual arts as well as an understanding of them as part of the liberal arts. Many art courses have no prerequisites and are open to all students. They also provide a background for those students who plan to continue their study of art at a graduate or professional school. To supplement classroom and studio experiences, Career and Professional Development and senior projects can provide internships and other opportunities for experiential learning such as arts management, commercial arts, museums, galleries, and the lives of professional artists.

Three programs are available for those who major in a visual arts field: a major in Studio Art, a major in Art History, and a combined major in Studio Art and Art History. A student may not have more than one major within the Art and Art History Department.

A Senior Individualized Project in art for a non-major is possible only if the student has taken the relevant courses in the department (usually at least two courses in the area of the SIP; additional art courses are advisable).

Potential Art Majors and Minors

All students considering a major or minor in studio art should contact the Art Department Chair as soon as possible in order to be enrolled in the required courses.

AP, Dual Enrollment, Transfer, and Study Abroad Credits

Majors

Students who major in Studio Art, Art History, or Studio Art and Art History can use a total of only three units of transfer, dual enrollment, AP, and credits from study abroad combined to count toward their major, with approval of the department. Only two units from study abroad can be used toward the major.

Minors

Students who minor in Studio Art or Art History can use a total of only two units of transfer, dual enrollment, AP, and credits from study abroad combined to count toward their minor, with approval of the department. Only one unit from study abroad can be used toward the minor.

Senior Individualized Project (SIP)

All SIPs must be advanced-level work. Students must seek out a SIP advisor for a studio SIP prior to the fall of their senior year. A faculty member will agree to supervise the student only if the quality of the proposal and the student's preparation meet department expectations.

Studio Art SIP Guidelines

SIPs in Studio Art are usually one unit, typically executed in the senior winter. Students should have considerable experience, equivalent to at least two courses in the medium or area of the SIP. Sculpture students must take at least two sculpture courses in addition to the required ARTX 135. All Studio Art majors must enroll in ARTX450 (Advanced Studio) in the fall before the SIP; this may also be required for non-majors who plan to do studio art SIPs. Beyond the production of work, the SIP consists of an oral defense and reflective SIP document (a narrative description of the project from nascent stage to completion with the addition of other support materials and

images). The student may also have an optional exhibition and public presentation.

Art History SIP Guidelines

SIPs in Art History are usually one unit and may be either a research project or an internship.

The research SIP (summer, fall, or winter quarter) is a paper of about 40 to 50 pages on a topic in which the student has sufficient background to do advanced research. Students are required to write a tentative bibliography and outline the quarter before the SIP and to meet regularly with the supervisor and turn in draft sections during the SIP quarter.

The internship SIP is normally begun in the summer with the museum or gallery internship (typically about two months and 20-30 hours a week). The SIP internship documentation (detailed daily journal, descriptions of the institution and personnel, 15-page research paper, reflective essay) is completed during the quarter of registration, either the summer or a subsequent quarter.

Requirements for the Studio Art Major

Number of Units

Ten units are required. A SIP is not counted as part of the ten units.

Required Courses: Six Units

To be completed by the end of the sophomore year:

ARTX 100 Introduction to Visual Fundamentals

ARTX 105 Basic Drawing

ARTX 145 Introduction to History of Art II (try to take before study abroad if going to Europe) or ARTX 150 Introduction to History of Art III

To be completed by the fall of the senior year:

ARTX 135 Sculpture (by the end of sophomore year for students focusing in sculpture)

ARTX 224 20TH Century Art or ARTX 340 Ways of Seeing

ARTX 450 Advanced Studio

It is highly recommended that a minimum of two classes in an area of focus (including one second-level or intermediate course) should be completed by the end of the junior year. Sculpture students must take at least two sculpture courses in addition to the required ARTX 135. Areas of focus include painting, photography, documentary video, sculpture and ceramics.

Electives

The remaining four units are to be selected from among studio art courses.

Requirements for the Studio Art Minor

Number of Units

Six units are required.

Required Courses: two units (one from each group)

Group A

ARTX 100 Introduction to Visual Fundamentals

ARTX 105 Basic Drawing

Group B

ARTX 150 Introduction to History of Art III

ARTX 224 20th-Century Art

Elective Courses: Four units

Four additional studio art courses, which may include the course in group A not selected for the required course.

Requirements for the Art History Major

Number of Units

Ten units are required. One unit may be the SIP, which in art history is usually a research project or museum internship.

Required Courses: Four units

ARTX 100 Introduction to Visual Fundamentals or ARTX 105 Basic Drawing

ARTX 145 Introduction to History of Art II

ARTX 150 Introduction to History of Art III

ARTX 340 Ways of Seeing

Additional Required Courses: Three units (one from groups A, B, and C)

Group A

ARTX 140 Introduction to History of Art I

ARTX 208 Introduction to Greek Art and Archaeology

ARTX 209 Introduction to Roman Art and Archaeology

Group B

ARTX 223 19th-Century Art

ARTX 224 20th-Century Art

Group C

ARTX 227 Seeing and Perceiving in the Modern Museum
ARTX 290 Art and Gender

Elective Courses: Three units

Three additional art history units are required; additional units may include a one-unit SIP, ARTX 215 A History of Photography, ARTX 226 Ceramics: World Pottery, or any other Art History course.

Requirements for the Art History Minor**Number of Units**

Six units are required.

Required Courses: Three units (one from each group)**Group A**

ARTX 145 Introduction to History of Art II
ARTX 150 Introduction to History of Art III

Group B

ARTX 140 Introduction to History of Art I
ARTX 208 Introduction to Greek Art and Archaeology
ARTX 209 Introduction to Roman Art and Archaeology

Group C

ARTX 223 19th Century Art
ARTX 224 20th Century Art
ARTX 227 Seeing and Perceiving in the Modern Museum
ARTX 290 Art and Gender

Elective Courses: Three units

Three additional art history courses are required, selected from the other art history offerings.

Requirements for the Studio Art and Art History Major**Number of Units**

Ten units are required. One unit may be the SIP, which may be a research project, museum internship, or gallery exhibition.

Required Courses: Four units**To be completed by the end of the sophomore year:**

ARTX 100 Introduction to Visual Fundamentals
ARTX 105 Basic Drawing
ARTX 145 Introduction to History of Art II (try to take before Study Abroad if going to Europe)
ARTX 150 Introduction to History of Art III or ARTX224 20TH Century Art

Electives

Three art history courses and three studio art courses should make up the remaining six units and may include a one-unit SIP.

Art History courses

ARTX 140 Introduction to History of Art I Art and architecture from many eras, from Paleolithic cave paintings to French cathedrals, will be seen. In between are monuments in Egypt, the Ancient Near East, the Aegean, Greece, Rome, and Medieval Europe: Early Christian, Byzantine, Early Medieval, Romanesque, and Gothic. Comparisons of cultures, patrons, and purposes show why the works look the way they do.

ARTX 145 Introduction to History of Art II This course examines major monuments and movements from 14th through 17th century Europe and Asia, focusing on painting, sculpture, textiles, prints, and architecture. We will take a comparative, topics-based approach to examine how artists working in different cultural contexts expressed and responded to the world around them.

ARTX 150 Intro to History of Art III Artistic revolutions from the 18th through the 20th centuries in the East and West caused radical visual and institutional transformation. This course surveys the development of modern art from a global perspective, tracing the influence of East and West upon one another from the Rococo to the Neoclassical, from Romanticism to Realism, to Cubism, Expressionism, and Postmodernism. We will examine how artists interpret the world around them and how these interpretations change over time.

ARTX/RELG/SEMN 205 Religious Art/Material Culture This course explores the relationship between religion and art. The arts, whether in the form of painting, sculpture, architecture or kitsch, are often vehicles for religious devotion and expression. At the same time, devotion to a divine figure has inspired some of the world's most beautiful pieces of art. Religion and art form a symbiotic relationship which can simultaneously be in tension and/or cohesive. Looking at various primary and secondary sources from a variety of religious traditions, we explore this tension and cohesion, which can be a window into larger societal and cultural issues. Given that we live in a mechanical age, special attention will be paid to the material production of religious kitsch and the place of religious art in the market. This course is a Shared Passages Sophomore Seminar.

ARTX/CLAS 208 Introduction to Greek Art and Archaeology This introduction to the multidisciplinary field of Greek archaeology examines the art and architecture of the Greek world from a contextual perspective. The course traces Greek material culture from Bronze Age origins through Hellenistic transformations. (This is a designated Greek literature or culture course in Classics.)

ARTX/CLAS 209 Introduction to Roman Art and Archaeology This introduction to the multidisciplinary field of Roman archaeology

examines the art and architecture of the Roman world from a contextual perspective. The course traces Roman material culture from Iron Age and Etruscan origins through Early Christian transformations. (This is a designated Roman literature or culture course in Classics.)

ARTX 215 A History of Photography Photography was invented at two different geographic locations more or less simultaneously, which coincided with the rise of the modern political state and the industrial revolution in Western Europe. This course is a survey of that medium, and its cultural implications, from the beginning in France and England in the early 19th Century, through the modern era of the 20th Century, to touch upon conceptual, postmodern, and contemporary trends.

ARTX 221 Renaissance Art I In late medieval Italy, new approaches to depicting the natural world by Giotto and others led to the 15th-century Renaissance, whose artists and architects both revived classical forms and created innovations such as one-point perspective. The cultural context as well as style and meaning of works by artists, primarily in Florence, will be closely examined, ending with Leonardo.

ARTX 222 Renaissance Art II A strong papacy and its patronage in 16th-century Rome brought Michelangelo, Raphael, and many others from Florence and other cities to work there. They established an idealized classical style that was soon transformed into elegant, anti-classical Mannerism in much of Italy. At the same time, Venetian painters developed a distinctive style, less classical but more sensual.

ARTX 223 19th Century Art Some credit Jacques-Louis David, the painter of the French Revolution and the Napoleonic era, as the father of modern art, while others cite Courbet or Edouard Manet. But all agree that Paris was the center of innovation; most of the course will examine the Parisian experience in both art and society.

ARTX 224 20th Century Art European and American painting, sculpture, architecture, and photography from 1900 to the present, as well as the artistic practices that have challenged them since the 1960s, will be surveyed. The emphasis will be on evaluating art and movements from both a formal and a socio-historical standpoint, using some manifestos and writings of artists and critics. In the process, the notions of "modern" and "postmodern" art will be critically assessed.

ARTX 227 Seeing and Perceiving in the Modern Art Museum The modern art museum is not just a repository of the past, but an institution with the ability to shape and create meaning. Its version of history can be simultaneously inclusionary and exclusionary, simply by the manner in which it displays its artists, artworks, and art movements. This course explores the role of the museum from the 19th century to the present, considering a diverse range of issues, including the transition from the private interior to the public space; the politics of exhibiting and viewing; and the shaping of personal, national, and global identities through the museum site.

ARTX 260 Baroque Art In 17th-century Europe, exploration and scientific discovery expanded the world. Similarly, beginning in Rome, artists such as Caravaggio and Bernini both expanded and modified Renaissance innovations. Artists from all over Europe flocked to Rome, and Flemish, Spanish, French, and even some Dutch painters were transformed there, but political, religious, and cultural differences modified the styles they practiced when they returned, and those of other painters who had never left.

ARTX 290 Art and Gender This course explores the role of gender, through the work of women artists and the critical discourse surrounding the construction of gender in art and art-historical writing.

ARTX 340 Ways of Seeing: Methods in Visual Analysis This course begins with a basic but fundamental question: how do we describe what we see? We will explore how philosophers, artists, and critics have grappled with this issue throughout history, seeking to understand the critical issues that can arise when communicating vision in verbal form. Because the practice of art history rests upon translating the expressive content of the visual world into words, a significant component of this class will focus on methodology, writing, and the critical analysis of classic theoretical texts that have formed the approach and structure of the discipline. Art and art history majors should plan to take this course during the spring of their sophomore or junior year. Offered Spring. Prerequisite: One art history course or permission of the instructor.

ARTX 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum (Curriculum Details and Policies) section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Studio Art courses

ARTX 100 Intro to Visual Fundamentals This course explores the basic elements (line, shape, repetition) and principles (figure/ground relationships, emphasis) of visual art and design. Basic color theory is also covered. Critical discussion accompanies a sequence of hands-on studio exercises and projects, which include work in collage, drawing, painting, and digital imaging.

ARTX 101 Introduction to Documentary Video Production Designed to introduce students to the basics of documentary storytelling and production. Students will individually produce, write, shoot and edit several video projects that are intended to develop their narrative and technical skills. They will also watch various documentary films and critique them as to style, content, and narrative structures. Ethical issues pertaining to the films' subjects and approaches will also be examined. While technical skills on camera and editor operation will be taught, emphasis is on the development of ideas, artistic approach, and storytelling.

ARTX 105 Basic Drawing A study of drawing fundamentals, with emphasis on line, value, and shape organization as instruments of precision and expression. Students planning to major or minor in art should take this course by the spring quarter of the sophomore year.

ARTX 110 Digital Art This course examines new media via digital imaging software and basic web art. Course themes include photomontage, collage, narrative sequence, non-linear reading and linking, image/text, appropriation, and webpage organization. Technical, formal, and conceptual aspects of art production are emphasized during the creation of a small body of work.

ARTX 116 Photography I The objective of this studio art course is to provide the student working knowledge of, and experience with, the fundamental creative tools used in fine art photographic practice. In addition to producing artwork, participants learn to analyze and discuss the work in critiques. When regarding the images produced in this course, discussion will be centered on technical, formal, and conceptual characteristics - along with issues of subject matter and content. In this critical "reading" of images, like that of a text, we will explore the basics of visual literacy. We will be working with both analog and digital tools - a traditional (film) or digital single-lens-reflex camera is required (point-and-shoot cameras are not sufficient).

ARTX 120 Ceramics: Hand Building I Introduction to and development of hand building techniques, including modeling, slab construction, and coil building. Assignments geared towards skill development, problem solving, and issues relevant to sculptural ceramics. Glaze technology, kiln firing, and clay making are also taught. Service-learning sections use art as a vehicle for work within the Kalamazoo Community. Students in the course participate in planning and workshops with a variety of community partners. Past partners include

Kalamazoo Loaves and Fishes, Ministry with Community, the Michigan Commission for the Blind, and Woodward School. Readings and discussions address issues and debates about public art and social responsibility of the artist.

ARTX 125 Ceramics: Wheel Throwing I Introduction to and development of pottery forms using the potter's wheel as the primary forming tool. Assignments geared towards issues of craft and function, as well as problem solving. Glaze technology, kiln firing, and clay making are also taught.

ARTX 128 Painting: Traditional Practices This course is designed for students that have little or no training in art or who have an interest in traditional painting techniques. In this course students will explore some of the traditional techniques of oil painting that have been used from the Renaissance into the modernist period, and they will work directly from life whenever possible and will have the opportunity to work from still life, landscape and the human figure. The course will emphasize painting techniques and working methods that stress critical judgment, mark making, space, color, light and composition from direct observation.

ARTX 135 Sculpture I Introduction of a variety of fabrication techniques; practices may include, but are not limited to, some woodworking and metal welding. Assignments geared towards simultaneous development of technical skill and critical thinking. Discussion and critiques focus on issues prominent in contemporary art.

ARTX 200 TV Production Designed for students with significant involvement in producing Kalamazoo College TV productions and production studio work. Students must meet a minimum 30-hour commitment within one term to receive 1/4 unit of credit. Various activities may include: studio equipment operator, producer, director, writer, and talent. There is no limit on how many times a student may repeat the course, but a student may only receive credit for one unit.

ARTX 201 Advanced Documentary Video Production Designed for students to do advanced documentary storytelling and production, the class will meet in a seminar setting at least once per week. Students will individually produce, write, shoot and edit several short documentaries that are intended to develop their narrative and technical skills. In addition, they watch various documentary films and critique them as to style, content, and narrative structures. Ethical issues pertaining to the films' subjects and approaches will also be examined. Prerequisite: ARTX-101

ARTX 203 Figure Drawing Figure drawing focuses on drawing issues related to working from the nude model while emphasizing proportion, foreshortening, and planar structures of the figure. Students will work from very short poses to extended poses, creating drawings with approaches uniquely designed for drawing the figure. This course continues the process begun in basic drawing of building a solid foundation in drawing skills through observation. Students aim to develop sensitivity to the structure, anatomy and expressive qualities of the human form. Homework is assigned for each class period and there is an evening drawing session on Wednesday nights for the purposes of completing assignments. Prerequisite: ARTX-105

ARTX/SEM 204 Drawing Today: Uncommon Visions Drawing Today introduces current themes in drawing and provides an innovative approach to basic skill development required to produce images in a contemporary context. Students will read and discuss issues related to art and visual culture from around the world. Class time will be divided between discussion of important issues in contemporary art and hands on drawing instruction. Homework will include daily readings and weekly drawing projects that will allow students the opportunity to reflect upon theory and their assumptions of what drawing is and who it is that produces it. This course is a Shared Passages Sophomore Seminar.

ARTX/SEM 206 Ceramics: World Pottery World Pottery is a hands-on studio course with a significant research component. This course is intended as a pre- or post-study abroad seminar. Class time will be used to introduce students to a variety of clay bodies and clay-forming techniques from historical and regional perspectives. Creative assignments ask students to consider and critique the role of cultural exchange and image appropriation within historical ceramics and in their own creative work. Projects will also investigate the roles of different types of pottery within contemporary American society, as a point of reference and departure. Each student will propose, execute and present a research project related to their study abroad site. Lectures, critiques, and discussions will focus on individual and societal assumptions about pottery. This course is a Shared Passages Sophomore Seminar. Prerequisite: ARTX 120, ARTX 125, or permission.

ARTX/SEM 214 Framing Difference This course will combine research and studio components, split more or less evenly. The research topic, broadly painted, will be fine art documentary practices, grounded with an entry-level hands-on studio component (using both film and digital photography). There are two motivations for this course: to give students creative control of photographic tools (technical, formal, conceptual) prior to their leaving for study away, but also to explore the issues and ethics of photographic documentary practice. While the broad research topic is documentary practice (theory/tradition), this course will place particular emphasis on the ethics of photographing outside of one's own group. This course is a Shared Passages Sophomore Seminar.

ARTX 216 Photography II Photography taught as a creative and expressive medium from a fine art perspective. In this course, the student will expand their knowledge, skills, and experience in the medium by focusing on an individual project for the duration of the term. The student can use either analog or digital tools to create this small body of work. Critiques will be held and a written component will be due as well (structured reflection and artist statement). A camera with manual exposure capabilities is required. Prerequisite: ARTX-116, ARTX-214, OR SEMN-214

ARTX 220 Ceramics: Hand Building II Introduction to and development of hand building techniques, including modeling, slab construction, and coil building. Assignments geared towards skill development, problem solving, and issues relevant to sculptural ceramics. Glaze technology, kiln firing, and clay making are also taught. Prerequisite: ARTX-120 or ARTX-125

ARTX 225 Ceramics: Wheel Throwing II Introduction to and development of pottery forms using the potter's wheel as the primary forming tool. Assignments geared towards issues of craft and function, as well as problem solving. Glaze technology, kiln firing, and clay making are also taught. Prerequisite: ARTX-120 or ARTX-125

ARTX 228 Painting: Contemporary Practices This course is designed for students who have had some previous studio art experience in painting, drawing, or design. Some knowledge of drawing and composition will be expected of students enrolling in this course. Students will learn about modern and contemporary issues in art and will be asked to produce work that investigates some of these themes. Students' primary medium will be acrylic paint, but they will also be encouraged to experiment with mixed media and alternative materials. In addition to technical experimentation students will address complex conceptual issues. Students will have the opportunity to explore a variety of styles and approaches to painting. Prerequisite: ARTX-100 or ARTX-105 or ARTX-128

ARTX 233 Printmaking I An introduction to and development of basic techniques in intaglio and relief processes. Linoleum cut, wood cut, etching, and soft ground techniques will be some of the print methods explored. Prerequisite: ARTX-100 or ARTX-105

ARTX 235 Sculpture II Introduction of a variety of fabrication techniques; practices may include, but are not limited to, some woodworking and metal welding. Assignments geared towards simultaneous development of technical skill and critical thinking.

Discussion and critiques focus on issues prominent in contemporary art. Prerequisite: ARTX-135 and either ARTX-237 or ARTX-120 (both preferred)

ARTX 237 Sculpture: Mold Processes A ceramics and sculpture course focusing on the many techniques of mold-making as a means to create and reproduce forms. Assignments and discussions geared towards the use of multiples and repeated forms in art. Materials include wax, clay, plaster, and non-traditional materials. Prerequisite: ARTX-120 or ARTX-135

ARTX 240 Watercolor An exploration of basic watercolor techniques to help assist students in developing the necessary skills to work independently in this medium. Technical experiments, wash painting, and wet-into-wet techniques teach students to control the medium and layer color. Students learn to work for an extended period of time on one piece, eventually developing their own subject matter and content. Prerequisite: ARTX-100 or ARTX-105

ARTX 316 Photography III Photography taught as a creative and expressive medium from a fine art perspective. In this course, the student will continue to expand their knowledge, skills, and experience in the medium by focusing on an individual project for the duration of the term. The student can use either analog or digital tools to create this small body of work. Critiques will be held and a written component will be due as well (structured reflection and artist statement). A camera with manual exposure capabilities is required. Prerequisite: ARTX-216

ARTX 320 Ceramics: Hand Building III Introduction to and development of hand building techniques, including modeling, slab construction, and coil building. Assignments geared towards skill development, problem solving, and issues relevant to sculptural ceramics. Glaze technology, kiln firing, and clay making are also taught. Prerequisite: ARTX-120, ARTX-220, and ARTX-135 or ARTX-237

ARTX 325 Ceramics: Wheel Throwing III Introduction to and development of pottery forms using the potter's wheel as the primary forming tool. Assignments geared towards issues of craft and function, as well as problem solving. Glaze technology, kiln firing, and clay making are also taught. Prerequisite: ARTX-120, ARTX-125, and ARTX-220 or ARTX-225

ARTX 328 Painting II This course builds upon the conceptual approach to painting that began in Painting: Contemporary Practices and will emphasize individual direction and innovation. Most assignments will begin with an introduction to a broad contemporary theme in the visual arts and will ask students to respond to some aspect of the topic by generating artwork. The last three weeks will be given over to a series of works that address one of the topics covered earlier in the quarter or a topic that a student has a particular interest in investigating. Prerequisite: ARTX-228

ARTX 335 Advanced Sculpture Students may register for Advanced Sculpture in their junior or senior year, once they have completed at least 3 other sculpture courses. Each student designs his/her own project assignments/goals that build on concepts and skills developed in earlier courses/SIP, in consultation with the faculty. Emphasis will be placed on portfolio development and learning to function as an independent artist. Advanced students are expected to attend meetings for an introductory or intermediate course in sculpture throughout the term where they participate in critiques and help mentor lower-level students. Prerequisite: Permission

ARTX 428 Painting III The objective of this course is to help students develop direction in their art and to produce a coherent body of work. Students will be considered independently working artists responsible for developing the content and methodology that they feel fits their own personal objectives as artists. Placing their own work in the context of current trends and art history will help students produce artwork that is both personally satisfying and artistically significant. This course is intended for students who are considering graduate school or a career in studio art. Prerequisite: ARTX-328

ARTX 450 Advanced Studio This course gathers experienced studio art students together, regardless of preferred media, for a rigorous study of contemporary practice and theory. One day per week will be dedicated to multi-disciplinary critiques, where both assigned exercises and, later, larger projects will be discussed, while the remaining day each week will be used as a seminar to study contemporary work and theory via readings, videos, and presentations. Prerequisite: Senior art majors or permission.

ARTX/EMN 496 S.P.A.C.E. Socially-Engaged Practices in Art A senior-level service-learning course that explores the relationship between art and activism, social justice, community and/or civic engagement. Students from both art AND non-art disciplines/majors will work together in small groups similar to mini "think tanks" to develop ideas for interdisciplinary artworks and/or events that could be created with community partners like Kalamazoo Loaves and Fishes and Education for the Arts, among others. Project design is primarily theoretical--groups will draft (as their final product) a formal proposal and/or project grant based on their project concept. Among the questions students will investigate during the term are: How can art facilitate our experiences in public and private spaces? Who has access to a space? How do we share space and interact within it? Class and project workspace is housed off-campus in the Park Trades Center. Professional skills such as responsible partnering, grant seeking/writing, and project design will also be covered. This course is a Shared Passages Senior Seminar. One-time offering: Spring 2011

Biology

Ms. Fraser, Ms. Girdler, Mr. Langeland, Mr. Moore, Ms. Pybus (Chair), Mr. Sotherland, Ms. Walther

The mission of our department and curriculum is to educate students in the field of biology and within the context of a Kalamazoo College liberal arts education. Through our courses, research collaborations, and advising we help each of our students become an intrinsically motivated, self-directed learner who enjoys a biologist's keen awareness of the natural world. Specifically, we foster development of the following attributes in our biology majors: 1) knowledge of the diversity of living organisms and levels - from molecules to ecosystems - at which those organisms can be studied; 2) understanding of how organisms are affected by their evolutionary and developmental trajectories and how these are influenced by environmental contingency; 3) ability to discover new biological knowledge and then communicate it effectively to others; and 4) curiosity about and empathy toward our shared environment.

Requirements for the Major in Biology

Consonant with the experiential-learning focus of the *K-Plan* and motivated by the biology department mission, our emphasis on an empirical approach to biology creates an environment in which students develop a strong foundation in biology. We encourage our students to ask and seek answers to probing questions, interpret primary literature, design and perform experiments, and make original observations of biological phenomena. The developmental progression from introductory core courses through upper-level electives prepares students well for the challenges of carrying out their Senior Individualized Projects, presenting results of those projects at our annual Diebold Symposium, and then continuing their education or seeking employment after graduation.

Number of Units

Nine Biology units (five required and four electives) and four cognates (see below), exclusive of lab credit, all at C- or better are required to complete a major in biology. At least three of the biology electives must be from courses at the 300 level or higher, and at least one of these electives must be a course with a lab.

Other than BIOL 112 and BIOL 123, students may not count 100-level courses toward units required for the major.

Biology majors are encouraged to complete their Senior Individualized Project in biology and may count one unit of credit from a biology SIP toward the units required for the major.

The biology department will accept for credit in the major: a maximum of one unit from sources outside the department (e.g. one AP credit if score on the Biology AP exam is 4 or 5, one credit from dual enrollment, or one credit from Study Abroad).

Required Courses

BIOL 112 Evolution and Genetics with lab
BIOL 123 Form and Function with lab
BIOL 224 Ecology and Conservation with lab
BIOL 246 Cell and Molecular Biology with Lab
BIOL 490 Functioning as a Biologist

Four cognates:

CHEM 110 (Chemical Composition and Structure), CHEM 120 (Chemical Reactivity), and CHEM 210 (Organic Chemistry I) as well as one of the following courses: CHEM 220 (Organic Chemistry II) or MATH 261 (Biostatistics). Because BIOL 246 requires Organic Chemistry as a prerequisite, CHEM 110, CHEM 120, and CHEM 210 must be completed before enrolling in BIOL 246.

Comprehensive Examinations

Senior biology majors are required to take a written comprehensive examination as part of BIOL 490.

Related Concentrations

Students interested in the following concentrations should refer to the full program descriptions and requirements provided in this catalog.

- Biochemistry and Molecular Biology
- Biological Physics
- Environmental Studies
- Health Studies
- Neuroscience

Biology Courses for Nonmajors

All biology courses at the 100 level are open to nonmajors without prerequisite. Courses we offer for nonmajors have goals consistent with those for the biology curriculum focused on majors. To attain those goals, general education courses directed primarily at students not majoring in biology should help students:

- Appreciate, understand, and engage in the process of doing science.
- Evaluate validity of scientific communications. For example, our students should be able to read, understand, and evaluate any *New York Times* article, especially those in the Tuesday Science Times.
- Be comfortable with ambiguity and uncertainty.
- Learn that science is a fascinating human endeavor, applicable to everyday life.

Biology courses

BIOL 102 The Darwinian Revolution Evolution is the unifying theory of biology but its origins and impact extend far beyond this scientific discipline. In this course we will explore the interplay between science, other disciplines, and society by examining the origins and development of evolutionary thought, with special emphasis on Darwin's theory of evolution by means of natural selection, and by discussing the ways in which Darwinism affects how we think about ourselves, our society, and the world in which we live. Topics for discussion include Social Darwinism, race and eugenics, human origins, creationism, and sociobiology. Intended for non-majors.

BIOL 112 Evolution and Genetics with Lab An introduction to principles of evolution and genetics. Includes a comprehensive overview of genetics from molecular, classical, and population perspectives, as well as in-depth treatment of evolutionary mechanisms, phylogenetic analysis, and the history of life on Earth. Laboratories include the purification and analysis of DNA, *Drosophila* and bacterial genetics, computer and class simulations of evolutionary processes, and bioinformatics.

BIOL 115 Environmental Science In this course you will (1) build a basic understanding of the physical and natural systems that make up the biosphere on Earth (land, water, atmosphere, and life) stressing the dynamics of these interconnected systems; (2) develop a scientific understanding of the causes and consequences of several of the major environmental problems facing today's society; (3) acquire the tools to enable you to think critically about other current and future environmental challenges you will face as a member of contemporary society. One weekend field trip is required. Intended for non-majors.

BIOL 123 Form and Function with Lab Organism-level phylogeny, morphology, and physiology are the major subject areas of this course; organisms interacting with, and adapting or adjusting to, their environments is the underlying theme running through these subject areas. Through this course students will learn how the environment, biotic and abiotic, shapes the form (morphology) and function (physiology and behavior) of organisms over ecological and evolutionary time.

BIOL 195 Special Topic: Life Is Liquid The human body is mostly water; the surface of our planet is mostly water; water shapes the Earth, fills our cells, controls our climate, nourishes our crops, limits biodiversity and human populations -- it even plays an important role in politics around the world. In "Life is Liquid" we will explore the role of water in life, all the way from the molecular

foundations up to water's importance as a contested and often limiting natural resource (for this reason, this Biology course also counts towards the Environmental Studies concentration). Intended for non-majors. Special Topic offered in Winter 2010 and Spring 2011.

BIOL 200 Research Apprenticeship in Biology Apprenticeships intended to provide opportunities for biology majors to become regularly involved in ongoing research projects with faculty, either with the same faculty member for a number of quarters or with different faculty in different quarters. A minimum of 50 hours of work is expected for each quarter. Three apprenticeships earn one full unit toward graduation.

BIOL 222 Vertebrate Biology with Lab Broad-based study of comparative anatomy and life histories of adult vertebrates and how these influence our understanding of vertebrate phylogeny; laboratories in comparative anatomy and diversity of vertebrates. Prerequisite: BIOL-123, BIOL-124, or BIOL-220

BIOL 224 Ecology and Conservation with Lab Ecology is rooted in natural history, the description of organisms in their environments. Ecologists study interactions in nature across many levels of biological organization, from individuals to populations, communities, ecosystems, and, finally, the entire biosphere; this course is organized along this continuum. How do we explain the distribution and abundances of organisms? How do populations of different species interact as competitors, as predators and prey, as pathogens and hosts, and as mutualists? And finally, given the planet-wide environmental impact of our species, how can ecologists apply their knowledge to the conservation of natural resources? Prerequisite: BIOL-123 OR BIOL-124

BIOL 232 Plant Biology with Lab In this course we will explore the consequences of being a plant: they make their own food; generally they are stuck in one place; they are as dumb as posts; they are modular; they have some very cool genetics; they have evolved some critically important symbioses with bacteria and fungi. Moreover, plants can live without us, but we can't live without them. We will review the plant kingdom generally, but we will focus on the angiosperms (flowering plants), covering broad aspects of structure, development, growth, and reproduction. Laboratory will focus on field identification and ecology. Prerequisite: BIOL-123, BIOL-124, or BIOL-220 or Permission

BIOL 246 Cell and Molecular Biology with Lab The complex workings of individual cells will be explored from a molecular perspective. Topics include the flow of genetic information, cell structure and mechanics, metabolism, cell signaling, and regulation. An integrated laboratory will introduce cutting-edge cell and molecular techniques, including cell culture, transfection, immunoprecipitation, electrophoresis, and Western blotting. Prerequisite: BIOL-112 and CHEM-210

BIOL/PSYC 290 Animal Behavior with Lab Study of the behavior and social organization of a variety of animal groups ranging from insects to primates; analysis of general principles of behavior modes; observation of animal behavior in the field and laboratory. Prerequisite: BIOL-112, BIOL-123, BIOL-124, or PSYC-101

BIOL 295 Invertebrate Zoology with Lab Invertebrates comprise about 97% of all animal species, are found in a variety of environments, and come in a seemingly endless array of body plans. Moreover, many are notorious for spreading disease or acting as parasites. In Invertebrate Zoology, you will learn about the origins of these fascinating animals and have the opportunity to explore the great diversity of invertebrate organisms within over a dozen major animal phyla. For the taxa covered, we will discuss important aspects of their anatomy and physiology, ecology, special adaptations, modes of reproduction, life cycles, and medical and economic impacts when applicable. (Special Topic offered in Spring 2011.) Prerequisite: BIOL-123 or BIOL-124

BIOL 312 Population and Community Ecology with Lab This course builds upon principles studied in BIOL 224. Using both theoretical and empirical approaches, we will explore in greater depth: population ecology, demography, life history strategies, species interactions, community structure and dynamics for both aquatic and terrestrial communities. Labs will focus on the methods ecologists use to answer questions about the distribution and abundance of organisms; students will explore local habitats and conduct independent research. Prerequisite: BIOL-123, BIOL-124, or BIOL-224

BIOL 322 General and Medical Microbiology with Lab This course includes a general introduction to microbiology including structure and function, growth, nutrition, metabolism, genetics, roles of microorganisms in the biogeochemical cycles, and water microbiology. This is followed by in-depth coverage of symbioses involving microorganisms, including the pathogenesis of infectious diseases. Prerequisite: BIOL-246

BIOL 350 Neurobiology with Lab Structure and function of the nervous system will be considered, in addition to the molecular and cellular workings of individual neurons. Topics include cell biology of neurons, electrophysiology, sensory and motor systems, brain development, and dysfunction of the nervous system. An integrated laboratory will focus on neuroanatomy, histology, physiological simulations, and neuronal cell culture. Prerequisite: BIOL-246 or Permission

BIOL/CHEM 352 Biochemistry with Lab Overview of the chemical mechanisms underlying biological processes including structure and function of proteins, polysaccharides, and lipids; enzymatic catalysis and kinetics; an introduction to bioenergetics; detailed treatment of carbohydrate metabolism; survey of lipid and amino acid metabolism; and integration of metabolism. Laboratory will emphasize enzyme kinetics, protein isolation, and electrophoresis. Prerequisite: CHEM-220 or CHEM-224

BIOL 370 Advanced Genetics with Lab Advanced treatment of principles and methods of modern genetic analysis such as genetic mapping, mutational screens, genomics, quantitative genetics, and population genetics. Laboratories include mapping in *Drosophila* and bacteriophage T4, mutational analysis in bacteria, and multiplex DNA genotyping in humans. Prerequisite: BIOL-112 and BIOL-246

BIOL 376 Human Physiology with Lab Analytical treatment of the mechanisms by which humans regulate their internal environment. Emphasis on thermoregulation and on respiratory, circulatory, excretory, endocrine, and digestive systems. Laboratories include respiration, metabolism, and excretion as well as student presentations of articles on comparative animal physiology from the primary literature. Prerequisite: BIOL-123 or BIOL-124

BIOL 396 Entomology with Lab A comprehensive introduction to the biology and classification of insects. Topics covered include insect structure, function, development, behavior, principles of control, identification, systematics, and evolution. Laboratories include field trips to local sites to observe and collect insects, and to view ongoing basic and applied research projects by local entomologists. Students will gain experience in rearing and handling insects. All are required to assemble a collection of local insects. Prerequisite: BIOL-123, BIOL-124, or BIOL-220

BIOL 466 Advanced Molecular Biology with Lab A detailed examination of gene structure and function with an emphasis on experimental approaches and original literature. Features an open-ended laboratory project incorporating several molecular approaches including PCR, cloning strategies, the production of recombinant proteins, and bioinformatics. Prerequisite: BIOL-112 and BIOL-246

BIOL 482 Topics in Biology: Advanced Medical Microbiology Current topics in the field of medical microbiology as they relate to infectious diseases and public health will be explored through lectures, discussions and student presentations. Readings will be almost

exclusively from the peer-reviewed scientific literature. Themes include emerging infectious diseases, the normal human microflora, and the molecular basis of microbial pathogenesis. Prerequisite: BIOL-246

BIOL 484 Topics in Biology: Molecular Basis for Nervous System Disorders The molecular underpinnings of nervous system disease and injury states will be investigated. A combination of lectures, discussions, and student presentations of research articles will be employed. Course readings will come exclusively from the primary literature. Topics covered will include neurodegenerative diseases, nervous system injury states, drug addiction, and brain tumors. Prerequisite: BIOL-246

BIOL 486 Topics in Biology: Biogeography This course focuses on how the spatial and temporal distribution of life on Earth has been shaped by various evolutionary, ecological, and geologic processes. We will look at how the physical environment of the Earth has changed over geologic time and how continental drift has altered the layout of the continents and smaller land masses. We will discuss how evolutionary processes such as vicariance, dispersal, speciation, and extinction, along with the changing climate and landscape, have shaped populations of organisms, species, and communities. The impact of human activity on species distributions since our emergence in the Quaternary Period will also be covered. Prerequisite: Take BIOL-112 and Take BIOL-224 or BIOL-220.

BIOL 490F Senior Seminar (Full Year) Participation in a seminar involving teaching and research in the literature and consideration of current biological questions; preparation for SIP research through literature search and critical discussion of pertinent papers; preparation and defense of completed thesis based upon SIP research. (Fall component of full-year course.)

BIOL 490S Senior Seminar (Full Year) Participation in a seminar involving teaching and research in the literature and consideration of current biological questions; preparation for SIP research through literature search and critical discussion of pertinent papers; preparation and defense of completed thesis based upon SIP research. (Spring component of full-year course.) Prerequisite: Take BIOL-490F and BIOL-490W

BIOL 490W Senior Seminar (Full Year) Participation in a seminar involving teaching and research in the literature and consideration of current biological questions; preparation for SIP research through literature search and critical discussion of pertinent papers; preparation and defense of completed thesis based upon SIP research. (Winter component of full-year course.) Prerequisite: Take BIOL-490F

BIOL 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -> Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Biochemistry & Molecular Biology

Ms. Furge, Mr. Langeland, Mr. Moore, Ms. Stevens-Truss

A major focus of modern scientific inquiry is uncovering the physical and chemical mechanisms underlying biological systems. Therefore, an interdisciplinary concentration in Biochemistry and Molecular Biology is offered for students interested in advanced study at the interface between biology and chemistry. Courses include a selection from the physical and biological sciences; most are laboratory based and make use of sophisticated, cutting-edge instrumentation and techniques. Students interested in graduate studies of molecular-level phenomena are especially encouraged to consider this plan of study.

The Concentration in Biochemistry and Molecular Biology

Prerequisite Coursework

BIOL 112 Evolution and Genetics with Lab
CHEM 110 Chemical Composition and Structure with Lab
CHEM 120 Chemical Reactivity with Lab
CHEM 210 Organic Chemistry I with Lab
MATH 112 Calculus I
MATH 113 Calculus II
PHYS 150 Introductory Physics I with Lab
PHYS 152 Introductory Physics II with Lab

Required Courses

BIOL 246 Cell and Molecular Biology with Lab
BIOL/CHEM 352 Biochemistry with Lab
CHEM 220 Organic Chemistry II with Lab
CHEM 310 Physical Chemistry I with Lab
One unit from:
BIOL 466 Advanced Molecular Biology with Lab
CHEM 460 Advanced Biochemistry with Lab

In accordance with College policy, concentrators in biochemistry and molecular biology must pass the required courses with a C- or better.

Biological Physics

Mr. Érdi

The biological and medical sciences are changing rapidly. Many new discoveries now require an understanding of biological systems from a physical point of view. In particular, physics, mathematics, and computer science are becoming more essential now than ever before. Contemporary research areas in biological physics include neuroscience, protein conformational dynamics and folding, DNA conformational dynamics, single molecule dynamics such as molecular motors, cell mechanics, information transfer in biological systems, membrane biophysics, multi-cellular phenomena, biological networks, effects of radiation on biological systems, and instrumentation development. The biological physics concentration is designed to supplement the background usually provided in a standard biology, chemistry, or physics major.

Requirements for the Biological Physics Concentration

Prerequisite Coursework

CHEM 110 Chemical Composition and Structure with Lab
CHEM 120 Chemical Reactivity with Lab
MATH 112 Calculus I
MATH 113 Calculus II
PHYS 150 Introductory Physics I with Lab
PHYS 152 Introductory Physics II with Lab

Required Courses

BIOL 112 Evolution and Genetics with Lab
BIOL 246 Cell and Molecular Biology with Lab
CHEM 210 Organic Chemistry I with Lab
CHEM 310 Physical Chemistry I with Lab
Two units from:
PHYS 210 Nuclear and Medical Physics with Lab
PHYS 215 Introduction to Complex Systems
PHYS 270 Nonlinear Dynamics and Chaos
COMP/PSYC 415 Computational Neuroscience

In accordance with College policy, concentrators in Biological Physics must pass the required courses with a C- or better.

Chemistry

Mr. Bartz, Ms. Furchak, Ms. Furge, Mr. Slough, Mr. T. Smith, Ms. Stevens-Truss (Chair)

The chemistry program stresses the art of scientific thought and the role of chemistry in society. Chemistry students benefit from a close working relationship with faculty members in an atmosphere that encourages research. Majors can gain preparation suitable for graduate study in chemistry, biochemistry, chemical and materials engineering, environmental sciences, pharmacology, medicinal chemistry, clinical chemistry, or molecular biology. Other professional schools open to chemistry graduates include the following: human, dental, or veterinary medicine; business administration; or patent or environmental law. Majors will also have a background appropriate for becoming a professional research or process chemist in industrial, pharmaceutical, or government laboratories; teaching high school or community college chemistry; doing environmental monitoring or remediation; working in sales, product development, or in laboratory safety; becoming a writer on science topics, working in science libraries or other information services, doing conservation work in art museums; or performing forensic analyses for law enforcement agencies.

Requirements for the Major in Chemistry

Number of Units

A minimum of eight units from credited courses, excluding courses designed for non-chemistry majors. Also does not include the SIP.

Advanced Placement

With a chemistry advanced placement score of 4 or 5, one unit of AP credit will be awarded towards the minimum of eight units required for the major in chemistry provided a student begins the chemistry sequence at CHEM 120 or higher.

Required Courses

CHEM 110 Chemical Composition and Structure with Lab (exempted if student begins in CHEM 120)
CHEM 120 Chemical Reactivity with Lab
CHEM 210 Organic Chemistry I with Lab
CHEM 220 Organic Chemistry II with Lab
CHEM 240 Analytical Chemistry I with Lab
CHEM 310 Physical Chemistry I with Lab
CHEM 590 Senior Studies
Two additional 300- or 400- level credited courses

Required Cognates

MATH 112 Calculus I
MATH 113 Calculus II (Additional work in mathematics is encouraged.)
PHYS 150 Introductory Physics I with Lab
PHYS 152 Introductory Physics II with Lab

In accordance with College policy, chemistry majors must pass eight units of chemistry and the mathematics and physics cognates with a C- or better.

Kalamazoo College appears on the American Chemical Society's list of schools that offer approved pre-professional undergraduate programs in chemistry. This program includes: CHEM 210, 240, 310, 352, 430, a chemistry research-based SIP, and two additional chemistry courses above the 100-level. In addition MATH 112, 113, 214, 240; PHYS 150, 152, are required. This curriculum, which provides thorough preparation in chemistry, mathematics, and physics, is recommended for students contemplating graduate study in chemistry.

Comprehensive examinations for the chemistry major are required and are part of the CHEM 590 Senior Studies. Students must register for this course in fall term. Comprehensive exams are given during the winter term of the senior year.

A research-based SIP work in chemistry is typically done in the summer following the junior year, worked on during fall of senior year,

and defended during either the winter or spring departmental symposia.

All students enrolling in the beginning Chemistry courses (CHEM 110 or 120) **must** complete the placement examination prior to enrolling in either of these courses. Results from the placement examination may permit exemption for one or both beginning courses (with exemption from CHEM 120 also requiring proof of extensive laboratory preparation). Students entering Kalamazoo College with Advanced Placement or IB scores of 4 or 5 on the Chemistry examination are automatically exempt from CHEM 110.

3/2 Pre-Engineering in Chemical Engineering

Students intending to follow the 3/2 Pre-Engineering Program in chemical engineering should follow the course sequence for the chemistry major through the third year and meet the requirements for admission to chemical engineering schools after the third year. Each student pursuing this program must successfully complete the following courses while in residence at Kalamazoo College: CHEM 110, 120, 210, 220, 240, 310; MATH 112, 113, 214, 240, 280; PHYS 150, 152, 220.

Biochemistry and Molecular Biology Concentration

Students interested in Biochemistry and Molecular Biology should refer to the full program description for the concentration.

All courses offered by the chemistry department may be used as a Natural Sciences (NS) Area of Study (AOS) courses.

Chemistry courses

CHEM 101 Chemistry and Society Introductory course for students who wish to explore chemistry. Topics include energy, the atmosphere, water, nuclear energy, and genetic engineering. Intended for students who are not majoring in the natural sciences or for Environmental Studies concentrators.

CHEM 105 The Physical Earth Introduction to an integrated structural, geochemical, and geophysical description of the Earth: emphasis on the interaction of the planet's solar and internal heat engines considered from the perspective of plate tectonics; historical origins of the current view of the Earth's structure and dynamics; laboratory component includes a field project. Intended primarily for students who are not majoring in the natural sciences, for Environmental Studies concentrators, and for students intending to teach Earth Sciences in high schools.

CHEM 107 Understanding Antibiotics - A Global Health Perspective General descriptions of the biochemical basis of several infectious diseases, with an emphasis on the chemical nature of antibiotics and how they work. This course explores various means of contracting infections and the agents that cause them (bacteria, viruses, parasites, and fungi), and generally addresses natural vs. acquired immunity. A focus of this course will be to discuss antibiotics use and misuse in a Global Health context. Intended for students who are not majoring in the natural sciences.

CHEM 108 Toxicology and Carcinogenesis Examination of the basics of chemical carcinogenesis, the environmental contributions to cancer, current methods for studying cancer in both clinical and basic research settings, and the development and uses of chemotherapeutic and chemopreventative medicines. The course aims to prepare students to evaluate discussions of cancer risk, diagnosis, and treatments in the lay press and to examine ambiguity and varying viewpoints on the causes and prevention of cancer. The course will also examine the impact of cancer on individuals and society. Laboratory work includes an experiment using the Ames Test for chemical mutagens and a written scientific report based on laboratory findings. Intended for students who are not majoring in the natural sciences.

CHEM 110 Chemical Composition and Structure with Lab Fundamental principles of chemistry: chemical calculations and symbolism; atomic and molecular structure and bonding; periodic properties; intermolecular interactions, classification of chemical reactions, and the solid state. Laboratory work includes introduction to chemical instrumentation.

CHEM 120 Chemical Reactivity with Lab Classification of chemical reactions; chemical kinetics; chemical equilibrium; energetics of chemical reactions (thermodynamics); acid-base, solubility-precipitation, oxidation-reduction, complexation reactions; electrochemistry; descriptive chemistry of selected elements. Laboratory work includes use of chemical instrumentation. Prerequisite: CHEM-110

CHEM 210 Organic Chemistry I with Lab Basic principles of structure, nomenclature, and reactivity applied to aliphatic hydrocarbons; valence bond and molecular orbital structure models; inductive, resonance, and steric effects on reactivity; stereoisomerism; laboratory emphasis on techniques used in the synthesis and purification of organic compounds. Prerequisite: CHEM-120

CHEM 220 Organic Chemistry II with Lab Continuation of CHEM 210 that includes classroom and laboratory study of the structure, nomenclature, chemical properties, and spectrometric identification of common organic compounds; emphasis on reaction mechanisms and organic synthesis. Intended for research-oriented natural science students with career interests in chemistry, chemical engineering, or biochemistry and related fields. Prerequisite: CHEM-210

CHEM 240 Analytical Chemistry with Lab Treatment of experimental data; systematic solution stoichiometry; the study of acid-base, precipitation-solubility, oxidation-reduction, and complex formation-dissociation equilibria; introduction to quantitative applications of gravimetry, titrimetry, and chromatography, electrochemistry, and spectrophotometry. Prerequisite: CHEM-120

CHEM 310 Physical Chemistry I with Lab Study of chemical thermodynamics, statistical mechanics, and kinetics. Intended for chemistry majors and biologists with a strong cellular or molecular orientation. Prerequisite: CHEM-120, MATH 113 or 115, and PHYS-152

CHEM/BIO 352 Biochemistry with Lab Overview of the chemical mechanisms underlying biological processes including structure and function of proteins, polysaccharides, and lipids; enzymatic catalysis and kinetics; an introduction to bioenergetics; detailed treatment of carbohydrate metabolism; survey of lipid and amino acid metabolism; and integration of metabolism. Laboratory will emphasize protein isolation and characterization, enzyme kinetics, and bioinformatics. Prerequisite: CHEM-220

CHEM 410 Physical Chemistry II with Lab Further study of chemical kinetics; elementary quantum mechanics applied to simple atoms and molecules; spectroscopy. Prerequisite: CHEM-120, MATH-113, and PHYS-152

CHEM 420 Instrumental Analysis with Lab Study of instrumental methods of analysis including trace techniques; emphasis on spectroscopy, electrochemistry, and chromatography, introduction to electronic signal processing, and computer data acquisition. Prerequisite: CHEM-240 and CHEM-310

CHEM 430 Inorganic Chemistry with Lab Exploration of the properties of the elements and their compounds (except hydrocarbons and their non-metallic derivatives); emphasis on structures, bonding, and reactivities of main-group, transition-metal, and organometallic

compounds; laboratory work emphasizing synthesis, physical and reactivity characterization, and analysis of inorganic compounds. Prerequisite: CHEM-310

CHEM 440 Advanced Organic Chemistry with Lab Study of local and reaction stereochemistry, conformational analysis, and molecular orbital theory; preparative methods for asymmetric chemicals; applications of chiral transition metal complexes in catalyzed organic reactions; laboratory work emphasizing chromatographic techniques and 1D and 2D NMR analysis. Prerequisite: CHEM-220 and CHEM-310

CHEM 450 Molecular Structure and Reactivity with Lab An advanced course dealing with molecular symmetry and group theory applied to the description of molecular structure and bonding in inorganic, organic, organometallic, and solid-state systems; molecular and electronic structure determination by spectroscopy, magnetism, and X-ray crystallography; examination of selected chemical reactions including molecular recognition processes, metalloprotein reactions, and energy generation; laboratory work emphasizing synthesis and reactivity studies on and physical characterization of inorganic, organic, and organometallic systems. Prerequisite: CHEM-310

CHEM 460 Advanced Biochemistry with Lab Study of selected topics in biochemistry through review articles and primary research literature, emphasizing experimental methods, critical analysis and interpretation of data, and integration of biochemical concepts. Laboratory will utilize an investigative approach to strategies of enzyme studies and bioinformatics. Prerequisite: BIOL/CHEM-352

CHEM 470 Principles of Medicinal Chemistry with Lab This course will survey the world of medicinal drug design, from target choice to structural drug determinants, to drug toxicology and disposition. The course will illustrate to students the significance of chemical structure and their physiochemical properties, and address molecular modification of molecules in the rational design of drug entities. The ultimate goal is to help students relate drug chemistry to therapeutic applications. We will review some general principles learned in Introductory and Organic Chemistry, Biochemistry, and Cell Biology, and will introduce several Pharmacological and Physiological principles, as they relate to the molecular mechanism of action of select drug classes. Emphasis will be placed on drug-target interactions at the molecular level by employing 3-D visualization tools. Prerequisite: CHEM-220 and either BIOL/CHEM-352 or BIOL-246

CHEM 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -> Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Chinese

Ms. Chu (Chair), Ms. Hong

The program in Chinese provides students with an exposure to the language, literature, and culture of China. Seven levels of Chinese language courses, with a balanced emphasis on listening, reading, writing, and speaking, set a good foundation. Students may study abroad in China or take part in other forms of advanced study to master the language used by one-quarter of the world's population. Literature (in English translation) and culture courses acquaint students with the Chinese literary works and their social/political/cultural texts and contexts, facilitate their enjoyment of literature in general, and enhance their capability to understand the meaning of Chinese literary and cultural expressions, and traditional and contemporary Chinese society.

Requirements for the Minor in Chinese

Number of Units

Six units are required.

Required Courses

CHIN 103 Beginning Chinese III
CHIN 201 Intermediate Chinese I
CHIN 202 Intermediate Chinese II
CHIN 203 Intermediate Chinese III

Electives

Chinese Literature Elective (Must be taken on campus.)
Chinese Literature or Studies Elective (May be taken during study abroad or on campus.)

Related Programs

The Chinese program is also an essential part of the East Asian studies interdisciplinary program. Students may major in international and area studies with a focus on East Asia or major in East Asian Studies. Interested students should consult with Ms. Chu.

Study Abroad Opportunities

The College has established an exchange program in Beijing in the People's Republic of China. Students who are interested in study abroad opportunities in Beijing or any of the other approved programs in China should consult early with Ms. Chu and the Center for International Programs.

Chinese courses

CHIN 101 Beginning Chinese I This course is an introduction to the Chinese language. Pronunciation system, basic vocabulary, written script, fundamental grammatical structures, as well as some cultural background of the language will be studied. The goal of this course is to set a good foundation for making Chinese a functional language for the students. Students are asked to follow three principles: (1) make Chinese a part of daily life, (2) use Chinese actively in class and outside of class, and (3) be creative in finding ideas for using the Chinese language.

CHIN 102 Beginning Chinese II This course follows Beginning Chinese I. All four skills -- listening, speaking, reading, and writing --

are equally emphasized. By the end of this course, students are expected to understand simple questions and answers, to be able to ask and respond to simple questions, to understand simple statements, and to be able to participate in simple conversations on a few familiar topics. Students will also be expected to read and write simple notes, meaningful sentences, and short passages constructed with basic grammatical patterns. Prerequisite: CHIN-101

CHIN 103 Beginning Chinese III A continuation of Beginning Chinese II, this course further consolidates the essential skills in reading, writing, listening to, and speaking Chinese. The goals are to increase vocabulary, to form a clear understanding of the language through knowledge of the meaning of words and structures, and to advance the ability of students to express themselves in the language accurately and properly on some selected topics. Prerequisite: CHIN-102

CHIN 201 Intermediate Chinese I This course follows CHIN 103 and starts the Intermediate Chinese language sequence. It will create an authentic language environment for the students and help make learning Chinese an interesting experience. The students will develop their fundamental language skills with a balanced emphasis on listening, speaking, reading, and writing. A communicative approach will be adopted, and accuracy will be emphasized at the same time. Culture will be brought into the classroom through songs, poems, and so on. Short cultural talks related to course material will be given. Prerequisite: CHIN-103

CHIN 202 Intermediate Chinese II This course follows CHIN 201, Intermediate Chinese I, and emphasizes interactive skills. More authentic materials will be used, and more topics and situations concerning contemporary Chinese society will be introduced. Class activities include visiting local Chinese communities and interviewing native speakers of Chinese language. Prerequisite: CHIN-201

CHIN 203 Intermediate Chinese III The course concludes the Intermediate Chinese sequence. Students should be prepared for exposure to various spoken and written styles of Chinese and for a steady expansion of their vocabulary. After completing three quarters of Intermediate Chinese, students will have gained a solid foundation in Chinese grammar and vocabulary and have developed good strategies for effective reading and listening comprehension. In addition, students will have acquired further confidence in their ability to speak Chinese. Prerequisite: CHIN-202

CHIN 215 Chinese Cultural Motifs through Calligraphy Chinese scripts are windows to East Asia cultures. This course traces the etymology and introduces the cultural background of Chinese scripts. It also provides hands-on practice of Chinese calligraphy. This course combines aesthetic training and language learning. Students learn the Chinese scripts not only as linguistic symbols but also as cultural motifs and art forms. Learning the etymology and cultural background of the scripts helps one to understand the linguistic formation of Chinese and other Asian languages that use Chinese scripts. It further provides useful references to the value system, thinking process, and aesthetic principles behind the Chinese language. The hands-on practice of calligraphy is a unique cultural experience. Through frequent review and constant practice, the students become familiar with Chinese scripts, learn the linguistic and cultural meanings associated with these scripts, and acquire the artistic skill of creative expression.

CHIN/SEM 220 Chinese Food Culture Chinese culture is among the most food-conscious ones. Through China's long history, food has always been a means of communication, a symbol of good life, and at the same time a target of criticism for its indulgence and improper distribution. Additionally, it has been a provision for healthcare, and a rich resource of linguistic expressions and literary allusions and metaphors. These will be the topics of the seminar, which should be a meaningful and effective pathway to the core of Chinese life and philosophy. This course is a Shared Passages Sophomore Seminar.

CHIN 225 Traditional Chinese Literature in Translation This course examines the relationship between the individual and society in traditional Chinese literature. We will read a wide selection of important texts from China's long history, including the Classic of Poetry, early assassin narratives, medieval nature poetry and romantic tales, vernacular stories, urban drama, and novels from the late imperial period. Among the more important questions that we will investigate is the complex role that Chinese literature played in articulating the place of the individual vis-à-vis the community and state.

CHIN 235 Modern Chinese Literature in Translation This course will examine the literary world of modern China by closely analyzing representative stories and novels written during the 20th century. As will quickly become clear in the course, literature in modern China has had and continues to have a close relationship with politics as well as with a wide variety of discussions on cultural identity in post-traditional China. Among the main goals of the course will be to explore how literature comes to grips with a thoroughgoing crisis of an established culture that results in a series of consequences unprecedented in Chinese history. Above all, the course will seek to understand how and why literature has played the role that it has, and what implications for the meaning of literature can be determined from examining the relationship between writing and society in modern China.

CHIN 245 Chinese Film This course examines the cinematic traditions of China, Taiwan, and Hong Kong in light of such topics as: the foundational legends of Chinese cinema, the relationship between film and politics, representations of historical crisis (e.g., the February 28 Incident (1947), the Great Proletarian Cultural Revolution (1966-76), and the British handover of Hong Kong (1997)), revolutionary aesthetics, and "spectacular" violence. The overarching question we will explore is: How do Chinese films create the spectacle of "China," narrate its history, and represent its diverse cultural landscapes both at home and abroad?

CHIN 300 Advanced Chinese (0.5 Units) This course is a continuation of the Intermediate Chinese language sequence. The objective is to make a transition from textbook Chinese to real-life communication situations. For this purpose, the course surveys materials including texts from literature, the social sciences and cultural history, and students will be exposed to a wide variety of written and spoken styles of Chinese. Some of the materials selected are original publications drawn from books, magazines and newspapers. The opportunity to work directly with lively, authentic materials will be valuable for studying Chinese language, literature, society and culture. This course focuses on content and style with extensive discussion and frequent written assignments in Chinese. It will consolidate what the students have learned in the past and help them develop better reading and writing skills. In addition, the improvement of speaking and listening abilities will also be emphasized. This course may be tailored to the needs of the participants and may be taken for credit up to three times. Prerequisite: CHIN-203

CHIN/SEM 495/IAS 490 National Identity This course, an interdisciplinary senior seminar on the subject of national identity, asks students to consider what it means to be a citizen of a nation. Our course will begin with a discussion of basic concepts such as nation, national identity, and nationalism, as well as an introduction to important theoretical frameworks and recent scholarship. This will be followed by case studies in which we will examine the nature, sources, and consequences of national identity on individual nations. In each instance, we will analyze the characteristics of national identity as it relates to other forms of collective identity (i.e., religious, ethnic, territorial, etc.). We will also discuss the relationship between national and individual identity, and the role that national identity plays in modern politics and society. The overarching question we will be exploring is: What does the existence of national identity say about us? And how can an understanding of the meaning of national identity help us to better communicate with the governments and peoples of other nations in an age of globalization? This course is a Shared Passages Senior Seminar, scheduled for Spring of 2012.

CHIN 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done

in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -> Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Classics

Ms. Anderson (Chair), Mr. Corrigan, Mr. Davis, Ms. Haeckl, Ms. Manwell

Classics is the original interdisciplinary major—and the study of classics at Kalamazoo College allows students to experience every facet of the cultures of the Greeks and Romans, spanning a period of more than a thousand years and the entire Mediterranean world. The study of the classical languages, classical Greek and Latin, is essential to this, but the department also encourages exploration of antiquity through courses in archaeology, art, history, religion, philosophy, as well as literature in translation.

The department offers four majors—in Classics, Latin, Greek and Classical Civilization—and three minors—in Latin, Greek and Classical Civilization. Students intending to pursue the study of classical languages at the graduate level are encouraged to major in classics; those who are interested in secondary school teaching, divinity school, or graduate work in a cognate area are encouraged to major in either Greek or Latin. Students who discover a passion for classical history or archaeology, or who discover the field late in their college careers may be drawn to the major in Classical Civilization, which emphasizes work in translation.

Majors and minors in classics often enhance their studies of the ancient world through experiences that give them a first-hand appreciation of Roman and Greek civilizations. Through participation in our study abroad programs at American University in Rome, the Intercollegiate Center in Rome and College Year in Athens, students learn about the ancient cities through on-site instruction, and augment their studies with courses in ancient and modern languages and cultures. In addition we work with students to find appropriate summer internships and archaeological fieldwork opportunities. Such a summer experience often provides the basis for a senior individualized project, which can span a wide range: creative writing, historiography, archaeological fieldwork, literary analysis, and comparative studies of literature and culture.

Faculty interact with students in and out of the classroom. The classics department has an active lecture series, promotes classically themed activities and works with students to craft a major program that will help them attain their career goals. Our majors pursue graduate work in classics, as well as careers in the ministry, secondary school education, business, law, and the military.

Placement

All incoming students who have previously studied Latin or Ancient Greek in high school or elsewhere must take the College's placement test. Placement can also be determined by a student's score on the College Board's SAT II test or the advanced placement test in Latin.

SAT II

SAT II students with scores of 425 or lower (and with fewer than three years of high school Latin) will be placed in LATN 101 or 102; 426–500 = LATN 102; 501–550 = LATN 102 or 201; 551–670 = LATN 201. If an SAT II score indicates a choice of two levels, a student should consult with a Classics faculty member for placement. A score of 670 or higher may qualify a student for more advanced courses.

Advanced Placement

For students with an advanced placement (AP) score of 4 or 5, credit toward the B.A. degree will be awarded automatically upon admission. Study must begin with Latin 401 or above to receive credit in Latin at Kalamazoo College. Students with AP scores of 3 may be granted the waiver of a prerequisite, but may not count an AP 3 for credit.

Units from Study Abroad and Transfer Credit

Students may receive up to one unit of credit toward the major or the minor for a class taken on study abroad. The course must first receive approval from the chair of the department. Students may also receive no more than one unit of transfer credit. As with a course being considered from study abroad, the course must get pre-approval from the chair of the department. Exceptions to these policies may be granted in unique circumstances and only through prior approval by the department.

Requirements for the Major in Classics

Number of Units

Nine units are required.

Required Courses

Five courses in one classical language above 201
Three courses in the other classical language above 102
CLAS 390 Junior seminar

Students considering a major in Classics are urged to begin their study of Latin or Ancient Greek in their first year.

Requirements for the Major in Latin

Number of Units

Eight units are required, not including Latin 101, 102, and 201 (the eight may include the SIP).

Required Courses

Five courses in Latin above 201

CLAS 390 Junior Seminar
One course in Roman history or archaeology
One other course on Roman literature or culture, or an additional Latin course.

Requirements for the Major in Greek

Number of Units

Eight units are required, not including Greek 101, 102, and 201 (the eight may include the SIP).

Required Courses

Five courses in Greek above 201
CLAS 390 Junior Seminar
One course in Greek history or archaeology
One other course on Greek literature or culture, or an additional Greek course.

Requirements for the Major in Classical Civilization

Number of Units

Nine units are required, not including Latin or Greek 101, 102, and 201 (the nine may include the SIP).

Required Courses

Two courses in Latin or Greek above the 201 level
CLAS 210 Classical Mythology
CLAS 390 Junior seminar

At least one course in classical history
CLAS 223 Cool Cities Ancient and Modern: Carthage and Kalamazoo
CLAS/HIST 224 Archaeology of Death in the Greco-Roman World
CLAS/HIST 227 The Roman Army and the Frontiers of Empire
CLAS/HIST 229 Multiculturalism in Greco-Roman Egypt
CLAS/HIST 230 Women in Classical Antiquity
CLAS/HIST 225 Greek Civilization
CLAS/HIST 226 Roman Civilization
HIST 232 The Fall of Rome and the Early Middle Ages

At least one course in classical art or archaeology
CLAS/ARTX 208 Introduction to Greek Art and Archaeology
CLAS/ARTX 209 Introduction to Roman Art and Archaeology
CLAS/HIST 224 Archaeology of Death in the Greco-Roman World
CLAS/HIST 229 Multiculturalism in Greco-Roman Egypt

Three electives: any Classics, Latin or Greek course not previously taken.

Requirements for the Minor in Latin

Number of Units

Six units are required, not including Latin 101 and 102.

Required Courses

Four courses in Latin above 102
CLAS 210 Classical Mythology
One other course on a Roman topic

Requirements for the Minor in Greek

Number of Units

Six units are required.

Required Courses

Four courses in Greek above 102
CLAS 210 Classical Mythology
One other course on a Greek topic

Requirements for the Minor in Classical Civilization

Required Courses

CLAS 210 Classical Mythology

At least one course in classical history
CLAS 223 Cool Cities Ancient and Modern: Carthage and Kalamazoo
CLAS/HIST 224 Archaeology of Death in the Greco-Roman World
CLAS/HIST 227 The Roman Army and the Frontiers of Empire
CLAS/HIST 229 Multiculturalism in Greco-Roman Egypt
CLAS/HIST 230 Women in Classical Antiquity

CLAS/HIST 225 Greek Civilization
CLAS/HIST 226 Roman Civilization
HIST 232 The Fall of Rome and the Early Middle Ages

At least one course in classical art or archaeology
CLAS/ARTX 208 Introduction to Greek Art and Archaeology
CLAS/ARTX 209 Introduction to Roman Art and Archaeology
CLAS/HIST 224 Archaeology of Death in the Greco-Roman World
CLAS/HIST 229 Multiculturalism in Greco-Roman Egypt

Three electives: any Classics course not previously taken; any Latin or Greek course above 102.

Classics courses

CLAS/RELG 106 Introduction to New Testament Study of this literature in its historical, political, and cultural contexts and its religious and theological claims; examination of critical methods and results.

CLAS/PHIL 205 Ancient Philosophy A study of ancient views on nature, knowledge, soul, the self, morality, and the good life. This is a history of philosophy course rather than a history course; we will be studying the ideas, arguments, and theories put forth by ancient philosophers, rather than biographical, cultural, anthropological, or historical issues about them or their time period. We will largely be trying to understand what these thinkers were trying to say, and why they thought what they did. In addition, we will be discussing the merits of the various positions and reasons offered. Readings will focus on selections from Plato and Aristotle, but will also include readings from the pre-Socratic and Hellenistic philosophers, all major sources of the Western philosophical tradition. Recommended for classics students. . (This is a designated Greek literature or culture course in Classics.)

CLAS/ARTX 208 Introduction to Greek Art and Archaeology This introduction to the multidisciplinary field of Greek archaeology examines the art and architecture of the Greek world from a contextual perspective. The course traces Greek material culture from Bronze Age origins through Hellenistic transformations. (This is a designated Greek literature or culture course in Classics.)

CLAS/ARTX 209 Introduction to Roman Art and Archaeology This introduction to the multidisciplinary field of Roman archaeology examines the art and architecture of the Roman world from a contextual perspective. The course traces Roman material culture from Iron Age and Etruscan origins through Early Christian transformations. (This is a designated Roman literature or culture course in Classics.)

CLAS 210 Classical Mythology A literary and art-historical survey of the major myths from ancient Greece and Rome; examination of how myths were viewed and used in antiquity and how they have been used in subsequent literature and culture; introduction to the most important schools of myth-interpretation. (This is a designated Greek and Roman literature or culture course in Classics.)

CLAS 220 Ancient Comedy and Satire Survey of literary and dramatic works in English translation that reveal the nature and types of humor among the ancient Greeks and Romans. Readings include plays by Aristophanes, Menander, Plautus, and Terence; satires by Horace, Juvenal, and Lucian; and Petronius' Satyricon. (This is a designated Greek and Roman literature or culture course in Classics.)

CLAS/HIST 224 Archaeology of Death in the Greco-Roman World This course examines the public and private funerary art, architecture, epigraphy and literature of the Greek and Roman world in their ancient social and religious contexts. It also considers the influence of these ancient practices on modern burial customs. This course presents the new technological and forensic advances in burial archaeology, such as DNA testing and non-invasive scanning techniques, that promise to extract more information than ever before from ancient remains. (This is a designated Greek and Roman literature or culture course in Classics.)

CLAS/HIST 225 Greek Civilization From Homer to Alexander the Great with emphasis on arts and letters.

CLAS/HIST 226 Roman Civilization

CLAS/HIST 227 The Roman Army and the Frontiers of Empire This course considers the Roman army from the perspectives of both military and social history. After a chronological survey of the development of the Roman army, case studies of the army in action in specific frontier provinces will be considered. From Hadrian's Wall in Britain to the desert wastes of Egypt, ancient texts and archaeological evidence illuminate the army-driven process of "Romanization," through which former barbarian enemies became assimilated Roman citizens. (This is a designated Roman literature or culture course in Classics.)

CLAS/HIST 229 Multiculturalism in Greco-Roman Egypt This course examines the dynamic cultural pluralism that thrived for almost a millennium after Egypt, with its deeply-rooted pharaonic heritage, was integrated into the Classical world, first as a Hellenistic Kingdom under the Greek Ptolemaic Dynasty and then as an imperial province in the Roman Empire. The monuments of Graeco-Roman Egypt are spread across a varied cultural landscape, from the cosmopolitan Mediterranean metropolis of Alexandria, through the agricultural towns of the Fayum oasis, to the Nile Valley cities of Middle and Upper Egypt, and the imperial mines and Red Sea ports of the Eastern Desert. Egyptians, Nubians, Jews, Greeks, and Romans coexisted in Graeco-Roman Egypt with cooperation and conflict to produce art and architecture as well as to practice cults and customs in which both pharaonic survivals and Classical responses can be traced. (This is a designated Greek and Roman literature or culture course in Classics.)

CLAS/HIST 230 Women in Classical Antiquity A literary, historical, and cultural survey of social structures and private life in ancient Greece and Rome. Issues covered include constructions of sexuality, cross-cultural standards of the beautiful, varieties of courtship and marriage, and contentions between pornography and erotica. Students will examine sources from medical, philosophic, lyric, tragic, comic, and rhetorical writers as well as representative works from vase painting, the plastic arts, graffiti, etc. (This is a designated Greek and Roman literature or culture course in Classics.)

CLAS 240 Homer and Greek Tragedy Readings in translation from Homer's Iliad and selected tragedies by Aeschylus, Sophocles, and Euripides; study includes the history and origins of tragedy, the influence of the Homeric heroic tradition, Greek dramaturgy, and the place of dramatic festivals in Greek life and thought. (This is a designated Greek literature or culture course in Classics.)

CLAS/RELG 255 Religions of Ancient Greece and Rome This course examines various forms of polytheistic religion and worship in classical paganism. Topics included are concepts of divinity, varieties of religious space and practices, distinctions between civic and private worship, religious festivals and rituals, attitudes towards death and afterlife, importations of Near-Eastern and African religions, and political and philosophical appropriations of religion. Students will become acquainted with a variety of texts (literary, epigraphical, and papyrological), archaeological sites, and religious art and artifacts. (This is a designated Greek and Roman literature or culture course in Classics.)

CLAS/POLS 257 Justice and Political Community in Antiquity This course examines political thought from the Greek period through the Italian Renaissance. We will pay particular attention to classical conceptions of human nature, justice, the ideal political order, and the obligations of citizens to their political communities. We will also form an appreciation for the Greek and Roman foundations of subsequent political systems. Thinkers covered include Plato, Aristotle, Cicero, St. Augustine, and Machiavelli.

CLAS/RELG 261 Judaism in Antiquity This course examines the history and literature of Judaism from the Second Temple Period to the beginnings of Rabbinical Judaism (400 BCE - 400 CE). This course explores the diversity of ancient Judaism and explores themes of religious and cultural identity. We shall consider the political and religious implications for Jews living under the Persian, Greek, Roman, and Christian empires, while briefly ruling themselves in the Hasmonean period. We will read a series of primary sources in translation from ancient Jews and non-Jews, as well as modern scholarly treatments of these works.

CLAS 270 Vergil and the Age of Augustus Examination in English translation of the major literary products that characterize Rome's Augustan Age; some consideration of social, political, religious, and art historical trends of the era; special attention given to Vergil and the Aeneid. (This is a designated Roman literature or culture course in Classics.)

CLAS 390 Junior Seminar An examination of current trends in the field of Classics, through the exploration of cross-cultural exchange in the ancient Mediterranean. Students will be introduced to various subspecialties within the field, but emphasis will be on writing, research skills and the development of the students' own research interests. This course will also prepare students for the writing of the SIP and for the essay portion of the comprehensive exam. Prerequisite: Junior standing and declared major in Classics, Greek, Latin, or Classical Civilization, or permission of the instructor.

CLAS 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Greek courses

GREK 101 Beginning Greek I Fundamentals of grammar, composition, and reading of ancient Greek. Selected readings from graduated texts, short stories, and dramas; introduction to ancient Greek civilization.

GREK 102 Beginning Greek II Continuation of GREK 101; development of fundamentals of grammar, composition, and reading of ancient Greek. Selected readings from graduated texts, short stories, and dramas; introduction to ancient Greek civilization. Prerequisite: GREK-101

GREK 201 Intermediate Greek Intensive grammar review; polishing and reinforcement of basic skills in ancient Greek; readings and discussions of selected works; continued exploration of the ancient Greek legacy. Prerequisite: GREK-102

GREK 405 Homer Representative readings, in Greek, from either the Iliad or the Odyssey. May be repeated. Prerequisite: GREK-201

GREK 410 Attic Prose Representative readings, in Greek, from one or more Attic prose authors (e.g. Plato, Lysias, Xenophon). Possible genres include oratory, philosophy, history, and criticism. May be repeated. Prerequisite: GREK-201

GREK 475 Topics in Greek Readings to be offered in response to the needs and interests of majors and minors. Topics and/or authors typically include those not offered in the standard curriculum, and may include tragedy, Hellenistic poetry, historians, and lyric, among others. May be repeated. Prerequisite: GREK-201

Latin courses

LATN 101 Beginning Latin I Fundamentals of grammar, composition, and reading. Selected readings from graduated texts, short stories, and dramas; introduction to ancient Roman civilization.

LATN 102 Beginning Latin II Continuation of LATN 101; development of fundamentals of grammar, composition, and reading. Selected readings from graduated texts, short stories, and dramas; introduction to ancient Roman civilization. Prerequisite: LATN-101

LATN 201 Intermediate Latin Intensive grammar review; polishing and reinforcement of basic skills; readings and discussions of selected works; continued exploration of the Roman legacy. Prerequisite: LATN-102

LATN 415 Latin Elegy, Lyric and Pastoral Representative readings, in Latin, from one or more elegists (Catullus, Tibullus, Propertius, Sulpicia, Ovid), lyric poets (Catullus, Horace) or Vergil's pastoral. May be repeated. Prerequisite: LATN-201

LATN 425 Latin Epic Representative readings, in Latin, from one or more writers of epic (typically Vergil or Ovid). May be repeated.

LATN 430 Republican Prose Representative readings, in Latin, from one or more Republican prose authors (Cicero, Caesar, Nepos). Possible genres include oratory, philosophy, history, criticism, and epistles. May be repeated. Prerequisite: LATN-201

LATN 435 Imperial Prose Representative readings, in Latin, from one or more Imperial prose authors (Pliny the Younger, Seneca, Sallust, Livy, Tacitus, Suetonius). May be repeated.

LATN 440 Roman Comedy Reading, in Latin, of one or more plays by Plautus or Terence. May be repeated. Prerequisite: LATN-201

LATN 475 Topics in Latin Readings to be offered in response to the needs and interests of majors and minors. Topics and/or authors typically include those not offered in the standard curriculum, such as the Roman novel (including Petronius and Apuleius), satire, and Medieval Latin. May be repeated.

Computer Science

Ms. Brady, Ms. Cutter (Chair), Mr. Érdi, Mr. Tobochnik

The study of computer science enriches a liberal arts education by fostering skills in the organization and representation of ideas, the development and application of practical problem-solving techniques, the modeling of complex systems, and the use of formal languages to express ideas succinctly and unambiguously. Increasingly, computational approaches are the driving force behind progress in a wide range of disciplines, ranging from the arts to engineering and scientific research.

The computer science program at Kalamazoo College is designed to expose students to the central theoretical concerns of this rapidly evolving discipline, and to generate an understanding of the principle techniques and algorithms necessary to support meaningful applications. Students who graduate from this program are prepared for graduate study or a wide range of computing careers. Students whose major interest lies in another field might consider electing the minor in computer science.

Advanced Placement

A student with a score of 4 or 5 on the computer science A exam will be awarded credit for COMP 110 (Introduction to Programming). A student with a score of 4 or 5 on the AB exam will be awarded credit for COMP 110 and COMP 210 (Data Structures). Students interested in the major or minor must still take one of the Introduction to the Discipline courses (COMP 105, 107, or 108). Computer Science majors are strongly encouraged to take advantage of advanced placement to take additional courses in the major.

Transfer, Dual Enrollment, Study Abroad Credit

Courses taken at other institutions will be awarded credit in computer science if they meet one of the following criteria: 1) the course is similar in content and rigor to an existing course in the Computer Science department, or 2) the course covers some important topic of computer science not offered at Kalamazoo College.

Students are responsible for meeting with the director of the computer science program in advance to determine whether a course offered elsewhere will transfer back as a computer science credit.

Typically up to two computer science units from outside courses (AP, transfer, dual enrollment, or study abroad) may count towards the major or minor in computer science. Students who wish to apply additional external units toward the major must consult with the department. External credits may also be used to satisfy the mathematics cognates for the major or minor.

Requirements for the Major in Computer Science

Number of Units

Nine units are required, plus the cognate courses in mathematics, all of which must be earned at a grade of C- or above. Under exceptional circumstances, the department may allow a student to count one unit of a computer science SIP toward the major. Taking the comprehensive exam in computer science is required for program assessment purposes, and results are considered in determining honors in the major.

Required Courses

Introduction to the Discipline: COMP 105 Introduction to Computer Science (recommended), or COMP 107 Pictures and Sounds, or COMP 108 Introduction to Scientific Computing
COMP 110 Introduction to Programming
COMP 210 Data Structures
COMP 215 Design and Analysis of Algorithms
COMP 230 Computer Organization

Four additional computer science courses at the 300-level or higher. With departmental permission, students may take MATH 240 (linear algebra) as a fourth mathematics cognate in place of the fourth computer science elective.

Required Cognates

MATH 112 Calculus I
MATH 113 Calculus II
MATH 250 Discrete Mathematics
MATH 240, 330, 362 and 365 are strongly recommended

Students interested in computational science should consider COMP 255, MATH 305, COMP 415, and MATH 280. Students who plan graduate work in computer science should take COMP 300, 320, 430, MATH 240, 330, and additional computer science and mathematics courses of interest. All majors should consider some course work in an applications area such as physics or economics.

Requirements for the Minor in Computer Science

Number of Units

Six units are required, plus the cognate courses in mathematics, all of which must be earned at a grade of C- or above.

Required Courses

Introduction to the Discipline: COMP 105 Introduction to Computer Science (recommended), or COMP 107 Pictures and Sounds, or COMP 108 Introduction to Scientific Computing
COMP 110 Introduction to Programming
COMP 210 Data Structures
COMP 230 Computer Organization or COMP 215 Design and Analysis of Algorithms

Two additional computer science courses at the 200-level or higher.

Required Cognates

MATH 112 Calculus I
MATH 250 Discrete Mathematics

Recommended courses for those students desiring additional work are COMP 300, 320, 430, and MATH 240. Statistics courses such as MATH 260-360 or MATH 362-365 are also suggested. Interested students should consult with a member of the computer science faculty

to plan a suitable program of study.

Computer Science courses

COMP 105 Introduction to Computer Science with Lab Computers have had an impact on almost every aspect of modern life. Why is this? What has been their impact on other disciplines and on the society in which we live? What do we need to know about computing so that we control the technology rather than being controlled by it? This course will address these and other questions while giving hands-on practice in a particular context, such as creating animations or web applications. Topics include fundamental computer programming concepts and constructs, how computers represent information, limits to what is computable, human-machine interaction, and ethical and social issues raised by the widespread use of computers.

COMP 107 Pictures and Sounds: Programming with Multimedia with Lab This course provides an introduction to multimedia programming: developing programs that create and manipulate text, pictures, sound, and movies. Topics include creating negative and gray-scale images, reversing and splicing sounds, creating sound visualizations, and creating animations. Students will learn some of the concepts and techniques underlying software applications like Photoshop or SoundEdit as well as fundamental concepts underlying all of computing, such as algorithms, abstractions, and how computers represent numbers, text, images, and sound. Hands-on programming is a central component of the course, embodied in weekly labs and frequent programming assignments. No previous programming experience is required.

COMP 108 Introduction to Scientific Computing The purpose of this course is to give students an introduction to the field of computer science with an emphasis on scientific modeling and data analysis. The course will provide an introduction to computer programming in both Matlab and C/C++. We will discuss fundamental computer science topics including the limits of computation and algorithm analysis. We will also cover a selection of topics relevant to scientific research, including data visualization, representation of numbers, and random number generation. This course requires no previous programming experience. There is no formal math prerequisite, but students should be comfortable with basic mathematical notation.

COMP 110 Introduction to Programming w/Lab An introduction to programming and design concepts using a modern object-oriented programming language. Topics include the basic features of the language, modular programming techniques, and appropriate design methods. Students will have ample opportunity to revise existing programs and develop new software. Some previous exposure to programming or strong math skills are recommended; see a faculty member if you have questions about taking this course. Prerequisite: COMP 105, 107, or 108, or instructor permission

COMP 210 Data Structures Provides students an opportunity to refine programming and design skills. Emphasis is on techniques of data abstraction, including encapsulation and inheritance; implementation and appropriate use of common data structures (such as lists, stacks, queues, trees, and graphs); recursion; and the close relationship between data structures and algorithms. Students considering a major or minor in computer science should take the required introduction to the discipline course (COMP 105, 107, or 108) before taking this course. Prerequisite: COMP-110

COMP 215 Design and Analysis of Algorithms Introduction to a variety of algorithms and algorithm design techniques that recur in computer science literature and applications. These include common sorting and searching algorithms, divide-and-conquer and dynamic programming algorithms, and algorithms in the areas of string processing, geometry, and graph theory. This course also provides an introduction to the mathematical analysis of the complexity and performance of algorithms. Prerequisite: COMP-210 and MATH-250

COMP 230 Computer Organization Introduction to computer organization; gates, truth tables, and logic design; number representation and arithmetic; assembly-language programming and the assembly process; and current techniques for improving computer performance. Prerequisite: COMP-210

COMP/PHYS 255 Computer Programming and Simulation Computer modeling of physical phenomena. Programming skills will be developed in the context of doing physics. Topics include numerical integration of Newton's equations, cellular automata, and random walks, including Monte Carlo methods. Prerequisite: PHYS-150

COMP/PSYC 265 Cognitive Science Cognitive science is the interdisciplinary study of mind and the nature of intelligence. It is a rapidly evolving field that deals with information processing, intelligent systems, complex cognition, and large-scale computation. The scientific discipline lies in the overlapping areas of neuroscience, psychology, computer science, linguistics and philosophy. Students will learn the basic physiological and psychological mechanisms and computational algorithms underlying different cognitive phenomena. This course is designed mostly for psychology and computer science students, but other students interested in interdisciplinary thinking might take the course.

COMP/MATH 300 Automata, Formal Languages, and Computability Study of automata as mathematical models of computation; of formal languages, which play a central role in the specification and translation of programming languages; and of the fundamental capabilities and limitations of computers. Prerequisite: MATH-250 or MATH-330, and 1 COMP course.

COMP 320 Principles of Programming Languages Study of programming language concepts and comparative evaluation of several programming languages. Typical topics include imperative, functional, and object-oriented programming paradigms, programming language syntax, type theory, static and dynamic binding of variables, and scope rules. Prerequisite: COMP-210

COMP/PSYC 415 Computational Neuroscience Study of mathematical models, computational algorithms, and simulation methods that contribute to our understanding of neural mechanisms. Brief introduction to neurobiological concepts and mathematical techniques. Both normal and pathological behaviors will be analyzed by using neural models. Prerequisite: PSYC-101

COMP 430 Operating Systems and Networking Study of operating system concepts such as processes and threads, CPU, memory, and I/O management; concurrency control; network protocols, structure, and administration; and distributed computing. Prerequisite: COMP-230

COMP 482 Special Topics: Software Engineering Special Topics offerings focus upon topics not addressed in the department's regular offerings. Check the course schedule to see when Special Topics courses are being offered. Prerequisite: COMP-210

COMP 483 Special Topics: Cryptography Special Topics offerings focus upon topics not addressed in the department's regular offerings. Check the course schedule to see when Special Topics courses are being offered. Prerequisite: COMP-110 and MATH-250 or MATH-316 or MATH-330

COMP 485 Special Topics: Numerical Methods Special Topics offerings focus upon topics not addressed in the department's regular offerings. Check the course schedule to see when Special Topics courses are being offered.

COMP 486 Special Topics: Machine Learning Special Topics offerings focus upon topics not addressed in the department's regular offerings. Check the course schedule to see when Special Topics courses are being offered. Prerequisite: COMP-110

COMP 487 Special Topics Special Topics offerings focus upon topics not addressed in the department's regular offerings. Check the course schedule to see when Special Topics courses are being offered. Prerequisite: Usually COMP-210, although specific prerequisites depend on the topic.

COMP 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Critical Theory Concentration

Ms. Einspahr

The central goal of critical theory is (1) to analyze the various forces that shape contemporary societies, (2) to diagnose their crises, antagonisms, ruptures, and (3) to identify and mobilize agents of social change. Critical theory is a term that describes a wide array of approaches to understanding and criticizing the myriad relations of domination characterizing contemporary society. Although there are many disagreements among critical theorists, most agree about the terrain under consideration: how do human beings create the social world, and how are they created by it, in ways that disempower social agents and disfigure their desires? Or, what is the relationship between structure and agency, and what does this tell us about relations of power and domination? Human freedom and social justice are generally the ethical ideals animating these investigations, so that critical theory is necessarily both descriptive and normative in nature while it presumes a close connection between theory and practice. Most simply, critical theorists ask, what is wrong with our world, and how can we make it better? At a deeper methodological level, critical theorists also see themselves as practitioners in a distinctive orientation to knowledge. Interdisciplinary in nature and drawing primarily from numerous fields in the humanities and social sciences, critical theory offers a genealogy of social reality on one hand and a genealogy of its own critical stance within it on the other. Many critical theorists presume that language both creates and interprets reality, that agents are historically constituted, or that knowledge is bound up with power relations so that there is no objective "outside" from which to view the "truth." Thus, critical theory poses a challenge to many of the traditional disciplines which assume that facts can be ascertained and deployed free of a normative framework.

Requirements for the Concentration

Number of Units

6 units

Required Course

19th-Century Philosophy: The Critique of Modernity (PHIL 208)

Five additional courses taken from at least three different departments:

ANSO 225 Sex and Sexualities
ANSO 330 Class, Status, and Power
ANSO 345 Theories of Society and Culture
ARTX 224 20th-Century Art
ARTX 290 Art and Gender
ARTX 340 Ways of Seeing
ENGL 108 Global Media & Visual Culture
ENGL 218 Post-Colonial Literature
ENGL 390 English Junior Seminar
ENGL 435 Advanced Literary Studies: American Indian Literature and the Law
ENGL 436 Literary Theory
PHIL 212 Philosophy of the Social Sciences
PHIL 211 Philosophy of Law
PHIL 213 Philosophy & Literature
PHIL 306 Philosophy of Language
PHIL 310 Critical Social Theory
PHIL 311 Postmodern Critical Theory
POLS 260 Liberty, Equality, and Authority
POLS 265 Feminist Political Theories
POLS 360 Contemporary Political Theory
POLS 320 Democracy and Democratic Theory
PSYC 430 Interviewing and Narrative Analysis
RELG 205 Religious Art and Material Culture
RELG 230 Same-Sex, Gender, and Religion
RELG 350 Ritual Theories and Practices

East Asian Studies

Ms. Bundy (Director, Japan Track); Ms. Chu (Director, China Track); Ms. Hong; Ms. Sugimori

East Asian Studies is an interdisciplinary major that provides students with a broad exposure to the languages, culture, and history of East Asia (China and Japan). With ancient cultures that rival that of the Mediterranean in age and significance, this area of the world has been of increasing importance to the U.S. in the twenty-first century. Students choose to concentrate either in the study of China or of Japan in the majority of their coursework for the major and spend at least six months in that country on study abroad. Students will take at least two full years of language (six units) or their equivalent. Whether planning to attend graduate school or seek employment in an East Asia-

related occupation, students are strongly encouraged also to major or minor in another disciplinary area in order to enrich their qualifications. Students who are particularly interested in languages are encouraged to supplement their East Asian language with the other East Asian language offered on campus or another second language.

Requirements for the Major

Number of Units

8 units, not including language courses or a SIP

Required Courses

A. Language courses:

For the China Track: CHIN 201, 202, 203 (or demonstrated equivalent competence)

For the Japan Track: JAPN 201, 202, 203 (or demonstrated equivalent competence)

B. Non-language courses: (4 Units)

HIST 103 Introduction to East Asian Civilizations

Three courses from among:

CHIN 225, 235; JAPN 235, 236, 237, 238, 239;

CHIN 215, 220, 245; JAPN 215, 240, 242, 245

C. Senior Seminar (1 unit)

Electives (3 units)

Three, non-language courses from at least two different areas below. (With written permission, students may apply one course from a six-month study abroad program or two relevant courses from a nine-month program toward the elective requirement.) Students are strongly encouraged to take at least one course specifically about the country that is not their focus. Note: students who wish to count on-campus, one-time offering courses related to East Asia that are not on the list below should consult the directors.

Literature: CHIN 225, 235; JAPN 235, 236, 237, 238, 239

Culture: CHIN 215, 220, 245; JAPN 215, 240, 242, 245

Humanities: HIST 280, 281, 283, 285, 288, 289, 397; RELG 130, 365; THEA 290

Social Sciences: POLS 250

Arts: CHIN 215

Students wishing to count one of the courses listed above among the electives as a senior seminar must consult with the instructor and determine what extra requirements they will fulfill in order for the class to count as a senior seminar. Requirements may include an extra seminar paper, extra class presentations, etc.

Economics and Business

Mr. Hultberg, Mr. Hussen (Chair), Ms. Li, Ms. McKinney, Mr. Moffit, Mr. Stull

The mission of the department mirrors that of Kalamazoo College. We strive to prepare our graduates to better understand, live successfully and prosperously within, and provide enlightened leadership to a richly diverse and increasingly complex world. The department's primary objective is to ensure that our students can apply economic and business principles to the world around them. To achieve this objective, the department introduces the students to economic and business problems, theories, and policies within the context of a liberal arts education. The department's courses fall into four broad categories: (1) economic theory at the introductory and intermediate levels, (2) quantitative tools and methods, (3) fundamental business principles, and (4) economic and business field courses. In addition to the department's course work, students also benefit from practical experience through internships, a senior individualized project, and a senior seminar. The department encourages additional mathematics and statistics courses for all our majors, but especially for majors who wish to pursue graduate degrees.

The department offers two distinct majors: a major in economics and a major in business, both of which require a total of ten units for completion. The department also offers three different minors: a minor in economics, a minor in business, and a minor in international economics and business. A student cannot major in both economics and business; neither can a student both major and minor within the department.

Advanced Placement

Students with AP scores of 4 or 5 in Economics may, in consultation with the Department Chair, replace the 100 level principles requirement with an elective course from the department.

Requirements for the Major in Economics

Number of Units

Ten units are required, not including the SIP.

Required Courses

ECON 101 Principles of Economics

ECON 155 Mathematical Methods for Economics or MATH 112 Calculus I (MATH 112 may not be used as one of the ten units required for the major)

ECON 160 Business Statistics or MATH 260 Applied Statistics I (MATH 260 may not be used as one of the ten units required for the

major)
ECON 305 Intermediate Microeconomics
ECON 306 Intermediate Macroeconomics
ECON 490 Senior Seminar

Electives

Take four out of the following set of courses: ECON 225, 235, 245, 265, 275, 280, 360, 365, 405, 410, or 415.

Requirements for the Major in Business

Number of Units

Ten units are required, not including the SIP.

Required Courses

ECON 101 Principles of Economics
ECON 150 Principles of Accounting
ECON 160 Business Statistics or MATH 260 Applied Statistics I (MATH 260 may not be used as one of the ten units required for the major)
ECON 301 Theory of the Firm or ECON 305 Intermediate Microeconomics
ECON 302 National Income and Business Cycles or ECON 306 Intermediate Macroeconomics
ECON 490 Senior Seminar

Electives

Take four out of the following: ECON 210, 215, 220, 245, 350, 355, 365, or 370.

Requirements for the Minor in Economics

Number of Units

Six units are required, not including the SIP.

Required Courses

ECON 101 Principles of Economics

Electives

Five additional courses from the department

Requirements for the Minor in Business

Number of Units

Six units are required, not including the SIP.

Required Courses

ECON 101 Principles of Economics
ECON 150 Principles of Accounting

Electives

Four additional courses from the department

Requirements for the Minor in International Economics and Business

Number of Units

Six units are required, not including the SIP, and a student must participate in a study abroad experience (or other approved international experience).

Required Courses

ECON 101 Principles of Economics
ECON 210 International Business

Electives

Three courses from the following: ECON 150, 225, 365, 405, 410, or any other course with an international focus from the department (prior approval required).

Economics and Business courses

ECON 101 Principles of Economics An introduction to the concerns and methods of economics, covering both microeconomic and macroeconomic principles. This course analyses how markets work and how economic decisions are made. It considers the interactions of firms and households in individual markets as well as the workings of national and international economies. The class will examine current economic issues and study how policy can be used to address economic problems.

ECON 150 Principles of Accounting Study of financial accounting theory as a tool for effective business management and control. Emphasis will be placed on the accounting cycle and cash-flow analysis as well as analysis and comprehension of standard financial statements. Prerequisite: ECON-101

ECON 155 Mathematical Methods for Economics Designed to give economics and business students the quantitative skills necessary for upper-level courses in the department. The principal topics covered are graphing of linear and nonlinear functions, basic rules of differentiation, optimization techniques, and mathematics of finance (compounding and discounting. Students may substitute MATH 112

for ECON 155, but MATH 112 may not be used as one of the ten units required for the major. Prerequisite: ECON-101, and at least a high school algebra course.

ECON 160 Business Statistics Designed to give economics and business students the quantitative skills necessary to understand as well as undertake a serious research project. The emphasis in this course is on statistical inference and basic econometrics. The principal topics covered are probability and probability distributions, sampling distributions, confidence intervals, hypothesis testing, and regression analysis. Computer software will be used to apply these techniques to relevant economic problems. Students may substitute MATH 260 for ECON 160, but MATH 260 may not be used as one of the ten units required for the major. Prerequisite: ECON-101

ECON 205 Principles of Management Explores and examines fundamental management concepts, strategies, and their impact on the modern business organization. The course combines historical and modern theory with practical application. Core course topics revolve around the management functions of planning, organizing, leading, and controlling...connecting these to tasks performed by managers. Text, articles, lecture discussions, and cases will be utilized in applying management concepts. A team project will connect the role of management via a specific organizational challenge. Prerequisite: ECON-101

ECON 210 International Business International Business is a survey course that introduces the student to the various aspects of international business. We study both the environment in which international business is conducted and specific business topics as they relate to global transactions. To understand the context in which international business is conducted we explore the political, economic, legal and, in particular, cultural differences that exist across countries. We also review international trade and the foreign exchange market. Other specific topics covered are global negotiations, international marketing, organization, and international business strategies. Prerequisite: ECON-101

ECON 215 Principles of Managerial Accounting Study of managerial accounting theory including cost accounting, production variance analysis, responsibility accounting and reporting, differential accounting, and budgeting. Prerequisite: ECON-150 (old number: ECON-210)

ECON 220 Principles of Marketing Study of the marketing discipline as it applies to the effective management of small and large businesses. The course emphasizes the application of theory to include price, promotion, distribution, and effective resource allocation. Students should be familiar with accounting and basic statistical concepts. Prerequisite: ECON-150 (old ECON-210) and either ECON-160 (old ECON-206), MATH-260, or MATH-261

ECON 225 Economics of Developing Countries Study of key aspects of the poverty problem facing underdeveloped nations; analysis of alternative theories and policy prescriptions, the roles of government planning and the private sector, international trade, and foreign aid. Prerequisite: ECON-101

ECON 235 Environmental and Resource Economics Study of the economic perspective of environmental and resource problems and issues; the management and allocation of renewable and nonrenewable resources; the trade-off between economic growth and environmental amenities; and the impacts of natural resource availability on economic growth. Emphasis on the development and application of economic theory to contemporary natural resource issues. Prerequisite: ECON-101

ECON 245 Money, Banking, and Financial Markets The study of national and international trends in banking establishes an institutional and historic understanding of the American financial system in the context of the global economy. Issues of globalization, exchange rate regimes, financial crises, and the role of central banks and international institutions (IMF, World Bank, BIS) are then examined in relation to domestic issues like inflation, employment and investment. Prerequisite: ECON-155 (old number ECON-205) or MATH-112

ECON 265 Issues in Urban Economics This course is both an introduction to urban economics and an in-depth study of one current urban issue. We will examine why cities exist, where they develop, and how they grow and decline. We will also study the economic aspects of contemporary urban planning and development policy issues such as land use zoning, housing, traffic congestion, publicly vs. privately provided goods. Prerequisite: ECON-101

ECON 275 Industrial Organization and Public Policy Study of economic characteristics and business practices of modern industry; antitrust laws and their impact on the American Economy; role of public policy designed to maintain competition, alter its character, or regulate monopoly. Prerequisite: ECON-101

ECON/ANSO/PSYC 279 Organizational Behavior This course is designed to provide you with analytical tools that will boost your assessment capabilities of organizations, the issues they are dealing with, and the challenges they and the people in them are facing. In addition, the material that will be covered during the term will tease and enhance your critical-thinking and investigative skills.

ECON 280 Law and Economics Law and Economics studies the interaction between the legal system and the market system. It examines why law is necessary for markets to function and it uses economic principles to analyze laws. This course uses basic tools of economics to understand a variety of legal issues. Topics covered include property and contracts, civil vs. criminal law, antitrust, environmental regulation, and international trade policy. Prerequisite: ECON-101

ECON 295 Special Topic: International Marketing The course explores fundamental international marketing concepts and strategies, with an emphasis upon applying these to case-based as well as current business scenarios. Students will examine major marketing environment factors, as well as develop and present an international marketing plan skills. The international marketing plan outline serves as a framework for students to complete a marketing strategy project. Students will develop effective project/teamwork skills and strategies. Special Topic offered in Spring 2010 and 2011 only. Prerequisite: ECON-101

ECON 295 Selected Topics in Economics Special Topics offerings focus upon topics not addressed in the department's regular offerings. The course can be repeated with a different topic. Check the course schedule to see when Special Topics courses are being offered. Prerequisite: ECON-101

ECON 301 Theory of the Firm This course deals with the price and output decisions of a firm, an organizational entity engaged in the production and marketing of goods and services in the private sectors of the economy. Specific subject matters covered include economic theories relevant to the understanding of the key determinants of the revenue, costs of production, and resource employment of a firm in both the short and long run. Pricing decision of the firm under alternative market structures and basic economic theory of investment are also covered. Prerequisite: ECON-160 (or old ECON-206 or MATH-260/261) and a 200-level ECON course

ECON 302 National Income and Business Cycles An intermediate macroeconomics course that provides essential background for students interested in the area of business and trains students to think more systematically about macroeconomic phenomena. This course explores broad aggregate concepts, such as the overall performance of a nation's economy, modern theory of employment, interest rate determination, price and inflation, economic growth, as well as business cycles. It also examines the appropriate role of government with regard to the evolution and implementation of fiscal and monetary policy and how public policy affects behavior of market

participants. Prerequisite: ECON-101 and a 200-level ECON course

ECON 305 Intermediate Microeconomics This course deals with (1) the study of the theories of household and firm behavior, equilibrium analysis, market structure, pricing, economic efficiency, and social welfare; and (2) the applications of microeconomics theory to solve real problems faced by actual decision makers in industry and government. Prerequisite: ECON-155 (or old ECON-205 or MATH 112) and a 200-level ECON course

ECON 306 Intermediate Macroeconomics This course introduces the major schools of thought in macroeconomics theory, including the Classical, Keynesian, Monetarist, New Classical, and New Keynesian models. Topics covered include: the determinants of long-run economic growth; IS-LM framework and aggregate demand and supply framework in both closed and open economies; the short run fluctuation of the economy; the influence of monetary, fiscal, and exchange rate policy; and alternative theories about aggregate supply. Prerequisite: ECON-155 (or old ECON-205 or MATH-112) and a 200-level ECON

ECON 350 Principles of Corporate Finance Study of finance theory as it applies to corporate management and institutional investments. The course emphasizes present value analysis as an analytical tool, working capital management, resource budgeting, market efficiency, stock and bond valuation, dividend policy, financial leverage and risk, and mergers and acquisitions analysis. Prerequisite: ECON-150 (old number: ECON-210)

ECON 355 Principles of Investments Introduction to principles of portfolio management evaluation of securities (equities and fixed income), and workings of financial markets. Prerequisite: ECON-245

ECON 360 Econometrics A course that focuses on econometric theory and practice. Topics covered include the classical regression model, serial correlation, and time series estimation. In this computer lab based course, students will apply econometric techniques to economic questions and issues. Prerequisite: ECON-160 (old number: ECON-206) or MATH-260 or 261

ECON 365 Multinational Finance Explores both international financial markets and global corporate finance. The main topic is the foreign exchange market as we explore how exchange rates are determined, can be predicted, and what derivatives can be used for foreign exchange risk management. Prerequisite: ECON-302 (old number: ECON-316) or ECON-306

ECON 370 Negotiation and Persuasion This course aims to give you a competitive advantage in situations that require you to influence others. Drawing from theory and research, the course will attempt to improve your understanding of negotiation and persuasion. Using case studies and exercises, the course will provide skills that enhance your ability to influence, negotiate, and manage conflicts. Prerequisite: Two 200-level ECON courses

ECON 405 International Trade Explores the gains from specialization and trade within the context of various international trade models. Studies the instruments of trade policy and their welfare effects and carefully explores the political economy of trade policy. Additional topics covered include outsourcing, harmonization efforts, and preferential trade agreements. Prerequisite: ECON-301 (old number ECON-315) or ECON-305

ECON 410 Open Economy Macroeconomics This course introduces basic concepts and analytical framework of open economy macroeconomics. It explores balance of payments, fixed and floating exchange rate, international financial markets, as well as equilibrium income in the open economy. It also provides students basic knowledge about how government policies affect private-sector performance in a global setting. Prerequisite: ECON-302 (old number: ECON-316) or ECON-306

ECON 415 Public Finance and Fiscal Policy Examination of federal, state, and local budget priorities and programs from both theoretical and case study approaches. Implications of different taxing and spending decisions will be analyzed. Prerequisite: ECON-302 (old number: ECON-316) or ECON-306

ECON 480 Financial Statement Analysis This course is designed to prepare students to analyze, interpret and use financial statements effectively, both from a general manager and investor perspective. A central theme is "value creation" - how a manager may use financial statements to guide value creating behavior and how investors use financial statements to identify value-creating opportunities. Prerequisite: ECON-350 (old number: ECON-300)

ECON 490 Senior Seminar The content for this course varies each quarter. Prerequisite: ECON-301 (old number: ECON-315) & ECON-302 (old number: ECON-316), or ECON-305 & ECON-306

ECON 490 Corporate Environmental Sustainability Economics Senior Seminar with a focus on Corporate Environmental Sustainability. Prerequisite: ECON-235

ECON 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

3/2 Engineering Program

Mr. Askew

The dual degree program in engineering consists of three years of study at Kalamazoo College followed by approximately two years at an approved school of engineering. While at Kalamazoo, students complete the language requirement, physical education requirement, and Shared Passages First-Year and Sophomore Seminar requirements, along with specific science and mathematics course work. Students in the 3/2 program are excused from the SIP. Students must have 28 units before leaving Kalamazoo College. They then transfer to an engineering program accredited by the Accreditation Board for Engineering and Technology (ABET). Upon completion of sufficient work at that institution to satisfy the remaining requirements for a Kalamazoo College degree, those credits are transferred back to Kalamazoo College and the Kalamazoo Bachelor of Arts degree is awarded. Students in the 3/2 program are required to meet the Shared Passages Senior Seminar requirement by working with the Director of the program at Kalamazoo College to identify a single capstone course at the approved school that reasonably fits the published Senior Seminar guidelines. Upon transfer of the credit for this course back to Kalamazoo College, the student will have completed the Senior Seminar requirement. When the remainder of the specified work for the student's particular field of engineering has been completed, the Bachelor of Science in engineering is awarded from the engineering school.

The College currently has affiliate relationships for 3/2 engineering programs with The University of Michigan and Washington University in St. Louis, Missouri, but any ABET accredited program is acceptable for the 3/2 engineering program. The director of the 3/2 engineering program has information available on opportunities at other schools and the details of the transfer process.

English

Mr. Deutsch, Ms. Griffin, Ms. Heinritz, Ms. Katanski (Chair), Mr. Mills, Mr. Mozina, Ms. Seuss, Ms. Sinha, Ms. Smith

The primary mission of the English Department is to create communities of learning in which students can enter into the power of language. Through the study of literature in English across global and historical cultures, the study of film and critical theory, the discipline of writing in a variety of genres, and the constant practice of collaboration, we lead students toward a comprehension of the complexity of their world, of themselves, and of the way word and image shape reality. Throughout history, writers and readers have acted as witnesses to the human situation, never more so than in the twenty-first century. Ultimately, we aim for our students to become witnesses in and for the word.

Advanced Placement/International Baccalaureate

Advanced Placement (AP) and International Baccalaureate (IB) credit may not count toward the major but may be applied toward the total number of units needed to graduate.

Units from Study Abroad and Transfer Credit

Students may receive up to one unit of credit toward the major or the minor for a class taken on study abroad. The course must first receive approval from the chair of the department. Students may also receive no more than one unit of transfer credit. As with a course being considered from study abroad, the course must get pre-approval from the chair of the department. Exceptions to these policies may be granted in unique circumstances and only through prior approval by the department.

Requirements for the Major in English with an Emphasis in Literary and Cultural Studies

Number of Units

Nine units are required, which may include the SIP. All writing courses (creative writing, journalism, expository prose) may count toward the major. A SIP in English is encouraged but not required.

Advanced Literary Studies may satisfy another requirement for the major or minor, depending on its subject matter, but it may not be double-counted for two requirements. In such a case, students must pass a second, different Advanced Literary Studies course.

The major in English does not require a senior comprehensive exam.

Required Courses

One Reading the World (RTW) course chosen from the following: ENGL 150, 151, 152, 153, 154, 155, 156

One course in literature before the 19th century: ENGL 224, 265, 266, 269

One course in literature of the 19th century: ENGL 225, 267, 268, 270, 275

One course in literature of the 20th century: ENGL 108, 180, 181, 218, 219, 221, 226, 230, 244, 260, 276

One literature course that draws significantly from a minoritarian, transnational, or diasporic tradition: ENGL 108, 217, 218, 219, 220, 221, 222, 230, 264

ENGL 390 Junior Seminar

One advanced literary studies or literary theory: ENGL 435, 436

ENGL 490 Senior Seminar

Elective

One elective chosen from any English literature or writing course. Students who opt for an extended study abroad experience (and thus will not be on campus during their junior spring) will need to take an additional advanced course (either ENGL 435 or 436) to replace the Junior Seminar. Students planning on graduate work in English should take as many units of ENGL 435 as possible.

Requirements for the Major in English with an Emphasis in Writing

Number of Units

Ten units are required.

Required Courses

One Reading the World course chosen from the following: ENGL 150, 151, 152, 153, 154, 155, 156

One course in literature before the 19th century: ENGL 224, 265, 266, 269

One course in literature of the 19th century: ENGL 225, 267, 268, 270, 275

One course in literature of the 20th century: ENGL 108, 180, 181, 218, 219, 221, 226, 230, 244, 260, 276

One literature course that draws significantly from a minoritarian, transnational, or diasporic tradition: ENGL 108, 217, 218, 219, 220, 221, 222, 230, 264

ENGL 390 Junior Seminar

One of the following writing sequences:

Poetry: ENGL 107, 210, 437

Creative Prose Narratives: ENGL 107, ENGL 211 or ENGL 215 or THEA 255, ENGL 438

Journalism: ENGL 105, 207 or ENGL 208, 439

Creative Non-Fiction: ENGL 107, 215, 439

ENGL 490: Senior Seminar

Students who opt for an extended study abroad experience (and thus will not be on campus during their junior spring) will need to take an ALS (ENGL 435) or the Literary Theory seminar (ENGL 436) to replace the Junior Seminar.

Students planning on graduate work in English should take as many units of ENGL 435 as possible.

Requirements for the Minor in English

Number of Units

Six units are required.

Advanced Literary Studies may satisfy another requirement for the major or minor, depending on its subject matter, but it may not be double-counted for two requirements. In such a case, students must pass a second, different Advanced Literary Studies course.

Required Courses

One Reading the World course (only one may count toward the minor): ENGL 150, 151, 152, 153, 154, 155, 156

One course in literature before the 20th century: ENGL 224, 225, 265, 266, 267, 268, 269, 270, 275

One literature course that draws significantly from a minoritarian, transnational, or diasporic tradition: ENGL 108, 217, 218, 219, 220, 221, 222, 230, 264

One advanced literary studies or advanced writing workshop: ENGL 435, 436, 437, 438, 439

Electives

Two electives chosen from any English literature or writing course.

Writing workshops

ENGL 105 Introduction to Journalism: Newswriting Principles and Techniques This course introduces students to the basic reporting and writing skills essential to creating “hard news” stories for print and online publications. In this class, students will learn the craft and read each other's work in a helpful arena. Students will write and re-write regularly to master key types of news stories.

ENGL 107 Introduction to Creative Writing An introduction to the process of writing both poetry and prose, pairing the study of published work with the workshopping and development of student writing.

ENGL 207 Arts Journalism This course explores the nature of arts, entertainment, and cultural criticism. Its purpose is to help students develop critical skills and express their views creatively, convincingly, and in a way that will engage a popular print or online reader.

Students will also learn how to review specific works of art or popular culture, how to critically profile a major artist or popular celebrity, as well as write a broader piece of criticism that looks at larger artistic or cultural issues.

ENGL/SEM 208 Food and Travel Writing In this writing-intensive class we will study the possibilities of journalism and creative nonfiction through the various forms of food writing and its relationship to place. Through reading and writing, we will explore food as sustenance, as a route through memory, as a reflection of culture and place, as both personal and public, and as history and politics. This course is a Shared Passages Sophomore Seminar. Prerequisite: ENGL-105 or ENGL-107 and Sophomore standing.

ENGL 210 Intermediate Poetry Workshop A workshop which deepens the students' familiarity with poetic craft and both traditional and untraditional form. Prerequisite: ENGL-107

ENGL 211 Intermediate Fiction Workshop A workshop in which students study and practice the elements of short fiction by reading model texts and sharing their own work. Prerequisite: ENGL-107

ENGL 215 Creative Nonfiction Workshop A workshop in memoir and personal essay. Students will share their work and study current practitioners of this genre. Prerequisite: ENGL-107

ENGL 437 Advanced Poetry Workshop A workshop which enables students to develop and complete an independent writing project. Includes greater discussions of poetics. This course is designated as a Senior Seminar through the 2011-2012 academic year only. Prerequisite: ENGL-210 and Junior standing

ENGL 438 Advanced Fiction Workshop A workshop which enables students to develop and complete an independent writing project in fiction. Includes a discussion of longer forms (the novella and novel) as well as short stories. This course is designated as a Senior Seminar through the 2011-2012 academic year only. Prerequisite: ENGL-211 or ENGL-215 or THEA-255, and Junior standing

ENGL 439 Narrative Journalism This course builds upon the fundamental writing and reporting skills and techniques introduced in ENGL 105. It introduces students to longer forms of literary or narrative journalism for newspapers and magazines. This course is designated as a Senior Seminar through the 2011-2012 academic year only. Prerequisite: ENGL-105 or ENGL-207 or ENGL-211 or ENGL-215, and Junior standing.

Literature and Media courses

ENGL 108 Global Media and Visual Culture This course introduces students to a range of theoretical approaches to the study of media. Defining media broadly, we will think about the ways in which media both reflects upon and prompts social transformation and its ever-shifting roles in relation to politics, society, culture, race, class, and gender. A key component of the course will be an examination of the global production and dissemination of culture. Rather than seeing American culture as commanding global markets, we will study how there has always existed a transnational circulation of cultural products.

ENGL 150 Reading the World: Beyond Realism An introductory study of works that go beyond realism including attention to their cultural and social contexts. Focus areas may include fantasy, magical realism, or speculative fiction. All Reading the World courses stress the development of critical writing ability, critical thinking, and active discussion.

ENGL 151 Reading the World: Environments An introductory study of literary and cultural texts that articulate how human beings are connected to the natural world. The course will explore how locations and ecosystems shape and are shaped by human systems of meaning. Topics may include gardens, sustainable worlds, urban environments, and deep ecology, among others. All Reading the World courses stress the development of critical writing ability, critical thinking, and active discussion.

ENGL 152 Reading the World: Genre This course explores representations of the world through the lens of genre. Just as human understanding emerges from historical and cultural positions, so too does the choice of literary genres (fictional and nonfictional narratives, drama, and poetry) shape meaning. This class will focus on a genre (or a pairing of genres) as a way to examine how aesthetic and

historically-rooted dimensions of literary forms give rise to representations of the world. All Reading the World courses stress the development of critical writing ability, critical thinking, and active discussion.

ENGL 153 Reading the World: Global Cinema An introduction to the language of cinema, foregrounding historical and theoretical contexts of classical Hollywood cinema (1930-1945) and various aesthetic alternatives from around the world. Requires a weekly film screening outside of class. All Reading the World courses stress the development of critical writing ability, critical thinking, and active discussion.

ENGL 154 Reading the World: Global Stages An introduction to drama, focusing either on the theater of a particular region and culture or examining a particular theme from a cross-cultural perspective. Focus areas may include local theater, European theater, world theater's portrayal of ethnic/race relations, among other topics. Students will also consider the relationship of text and performance. All Reading the World courses stress the development of critical writing ability, critical thinking, and active discussion.

ENGL 155 Reading the World: Identities This course explores literary and cultural texts addressing the nature of human identity and its development, particularly through issues of difference. Focus may be on one or more of the following: race, class, gender, nationality, sexuality, the body. All Reading the World courses stress the development of critical writing ability, critical thinking, and active discussion.

ENGL 156 Reading the World: Social Justice This course examines social justice from a literary perspective, focusing on a particular issue, event, movement, or historical moment. It will emphasize areas of power difference, such as race and ethnicity, disability/ability, class, gender, and sexuality. All Reading the World courses stress the development of critical writing ability, critical thinking, and active discussion.

ENGL 180 Contemporary Poetry A study of recent poetry in relationship to post-World War II poetic movements. Textual analysis and socio-political context will be emphasized.

ENGL 181 Contemporary Fiction A study of recent fiction, with emphasis on textual analysis and innovative techniques.

ENGL/SEMN 217 World Indigenous Literatures: The People and the Land A selective study of the literary traditions and contemporary texts of indigenous peoples around the world, focusing on indigenous communities in regions where Kalamazoo College students study and with a particular emphasis on texts that explore the complex relationships between indigenous communities and the land they claim as their own. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomore standing.

ENGL/SEMN 218 Post-Colonial Literature This course will investigate some of the central issues in the field of post-colonial literature and theory, such as how literature written in the colonial era represented the colonized and impacted those who were depicted and how writers and readers deployed literature as a method of exploring new possibilities of identity. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomore standing.

ENGL 219 Magical Realism Magical realism is a genre that combines elements of the fantastic with realism often in order to imagine utopias or resist restrictive aspects of society. This course will examine the genre, interrogate its relationship to other genres of fantasy, and consider the relationship between the aesthetic patterns of the genre and its potential for social advocacy. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomore standing.

ENGL 220 African American Literature A selective study of the evolution of African American literature from its origins to the present.

ENGL 221 African Literature A study of major post-colonial African authors.

ENGL 222 American Indian Literatures A selective study of the literary traditions and contemporary texts of American Indian people with a focus on building an interdisciplinary understanding of cultural production.

ENGL 224 Early Modern Women's Literature: Shakespeare's Sisters A study of the women writers that Virginia Woolf termed "Shakespeare's Sisters" when she lamented the lack of early women writers. We'll study these, primarily British, women writers of the period, emphasizing the social, political, economic, and cultural conditions of women's authorship before the nineteenth century. Prerequisite: Sophomore standing or a Reading the World course.

ENGL 225 19th Century Women's Literature: The Epic Age A study of British and U.S. women writers of the period, emphasizing social, political, economic, and cultural conditions for women's authorship as well as recurring concerns and themes of women authors and the emergence of African American women's writing. Prerequisite: Sophomore standing or a Reading the World course.

ENGL 226 Women's Literature 1900-present: Modern Voices A study of women's writing in English in the 20th and 21st centuries, emphasizing cultural diversity, thematic commonalities, and questions of voice and gender. Prerequisite: Sophomore standing or a Reading the World course.

ENGL 230 Studies in U.S. Ethnic Literature A comparative study of American literary texts primarily of the 20th century, from the perspective of their ethnic origins.

ENGL 244 Studies in 20th Century Literature An examination of radical departures from conventional technique in the most innovative modern poetry, fiction, and drama. Prerequisite: Sophomore standing or a Reading the World course.

ENGL 260 Studies in Film Critical viewing of films with a focus on a special topic: moments in film history, theoretical perspectives, the work of individual directors, and thematic clusters. Topics will vary and include Post-colonial cinema, Hitchcock and Feminism, and Bollywood, among others. Requires a weekly film screening outside of class. Prerequisite: Sophomore standing or a Reading the World course.

ENGL/SEMN 264 Global Shakespeares Shakespeare is the most translated, adapted, performed, and published Western Author. Just what this means to Western and non-Western cultures is at the heart of this course. What does it mean to think of Shakespeare as a colonizing force? What additional ways are there to see the influence of his works? Many cultures have written back to Shakespeare, addressing race, sexuality, gender, and religion from their own cultural perspectives. What do exchanges between differently empowered cultures produce and reproduce? We'll tackle such questions as we read works by Shakespeare and literary/film adaptations from around the globe. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomore standing.

ENGL 265 Shakespeare A study of Shakespeare's histories, comedies, and tragedies. Historical context, various critical perspectives, close textual explication, and analysis of film versions will be subjects for discussion. Prerequisite: Sophomore standing or a Reading the World course.

ENGL 266 Discoveries: British Literature 1550 -1750 A study of British literature emerging during the Renaissance/early modern period. This course will pair literary analysis with investigations of the artistic, political, religious, and social developments of the period, setting the literature amidst the various discoveries of the period. Prerequisite: Sophomore standing or a Reading the World course.

ENGL 267 Romantic Revolutions: Early 19th Century British Literature A study of poetry, fiction, and nonfiction from this tumultuous period of political and social upheaval and artistic innovation, emphasizing connections between cultural background and aesthetic production. Prerequisite: Sophomore standing or a Reading the World course.

ENGL 268 The Victorians: British Literature 1832-1900 A study of British culture of the period through its literature, with emphasis on novels, poetry, and nonfiction. The course focuses on several defining themes of this tumultuous age: imperialism and racism, industrialism and its discontents, the Women Question, Darwin and the crisis of faith. Prerequisite: Sophomore standing or a Reading the World course.

ENGL/AMST 269 New World Narratives: American Literature 1500-1790 A study of the divergent and complementary tales emerging from those settled in or settling "America." Texts include American Indian and European creation myths, exploration narratives, Puritan poetry, captivity narratives, and African folk tales. Prerequisite: Sophomore standing or a Reading the World course.

ENGL/AMST 270 Reform and Renaissance: U.S. Literature 1790-1865 A study of literature emerging during a period of significant social upheavals: the continuing shift from a colonial to an "American"; identity, the unsettling of indigenous populations, the movement of European populations westward, and the Slavery and Woman questions. Through an exploration of diverse texts, students will examine a literature shaped by an impulse to transform or reform pre-existing perspectives and genres. Prerequisite: Sophomore standing or a Reading the World course.

ENGL/AMST 275 American Realisms: U.S. Literature 1865-1914 This course examines a variety of approaches to knowing a literary period. We will explore theoretical, socio-historical, formal, and thematic paradigms that can organize our understanding of the wide variety of written and cinematic texts produced in the period between the end of the Civil War and the beginning of World War I. Through a study of the frequently conflicting stories about gender, race, sexuality, art, and Americanness that come to voice during this period, students will challenge and complicate their definitions of literary realism. Prerequisite: Sophomore standing or a Reading the World course.

ENGL/AMST 276 Modernism and Postmodernism: U.S. Literature 1914 - Present A study of the rise of a modern aesthetic in the wake of World War I and the postmodern response in the second half of the 20th century with an eye toward the diversity of voices and formal choices that mark this period. Prerequisite: Sophomore standing or a Reading the World course.

ENGL 295 Heroic Journeys The hero who masters his or her world through courage, strength, and cunning is a kind of glorious wish fulfillment, a vision of humanity's ultimate triumph over the chaos of nature. The literature of heroism, then, reveals simultaneously our deepest desires and insecurities. In this course, students will be introduced to heroic tales drawn from a broad range of cultures and historical eras. Readings will include Beowulf, The Golden Ass, The Quest of the Holy Grail, The Faerie Queene, and The Chronicle of the Norse Expedition. We will also watch films in which modern heroes deal with uniquely modern challenges. (Special Topic offered in Winter 2011 and 2012 only.)

ENGL 295 Heresy & Renaissance Literature During the Renaissance, an intense fear of the spread of heresy led men and women to be imprisoned, tortured, and even burned at the stake for their unorthodox Christian beliefs. Because heresy involves a violent and dramatic confrontation between truth and error, it became an ideal topic for literary treatment. Poets, dramatists, satirists, and pamphleteers fought a religious war of words, a tumultuous verbal conflict which raged in Europe and America until the early eighteenth century. This course attempts to map that struggle examining a variety of prose tracts, dramas, and poems including Milton's Paradise Lost.

ENGL 390 Junior Seminar An examination of the forces that have shaped or that are currently reshaping literary studies. In focusing upon transnational and cross-cultural connections, the course aims to establish a knowledge of the current status of the discipline and thus encourage students to define their own critical interests. Course will also prepare students for the SIP. Prerequisite: Junior majors.

ENGL 435 Advanced Literary Studies Seminars focusing on major figures and movements in English and American literature. May be repeated for credit when content changes. This course is designated as a Senior Seminar through the 2011-2012 academic year. Starting in 2012-2013 some versions of this course will carry Senior Seminar credit and some will not; check the online schedule. Prerequisite: Junior standing.

ENGL 436 Literary Theory An intensive study of selected perspectives in contemporary critical theory. This course is designated as a Senior Seminar through the 2011-2012 academic year only. Prerequisite: Junior standing.

ENGL 490 Senior Seminar: Your Work in the World This course will help students take their next step as writers in the genre of their choice, orienting themselves more fully to what it might mean to work as a professional poet, scholar, critic, non-fiction writer, journalist, essayist, screenwriter, playwright, or fiction writer. The course will ask students to explore models for the type of work they hope to practice; to reflect on their practice as writers from a personal as well as an historical perspective; to write and revise their work; to explore the theories, practices and questions of other genres outside of their primary focus; and to investigate venues beyond K to which they will submit their work. This course is designated as a Senior Seminar. Prerequisite: Majors and other seniors with permission.

ENGL 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Environmental Studies

Ms. Girdler, Mr. Hussen (Co-Directors)

The concentration in environmental studies is based upon the recognition that environmental and resource problems are not just biological, geological, economic, or political. Therefore, the concentration is structured as an interdisciplinary study by selecting appropriate courses from the natural and social sciences, as well as the humanities, in order to pool knowledge from across traditional disciplinary lines. This information is essential for an interdisciplinary assessment, analysis, and evaluation of environmental problems.

The Concentration in Environmental Studies

Number of Units

Six units are required.

Required Courses

One from each group is required of all concentrators:

BIOL 115 Environmental Science or BIOL 224 Ecology & Conservation with Lab

CHEM 101 Chemistry and Society or CHEM 105 The Physical Earth or CHEM 120 Chemical Reactivity

ECON 235 Environmental and Resource Economics

(pre-requisite of ECON 101)*

ENVS 490 Environmental Studies Senior Seminar

Electives

At least two of the following courses*:

ANSO 258 Political Ecology of Globalization

BIOL 312 Population and Community Ecology with Lab

BIOL 322 General Microbiology with Lab

CHEM 240 Analytical Chemistry with Lab

CHEM 420 Instrumental Analysis with Lab

ENGL 217 World Indigenous Literature: The People and the Land

HIST 217 History of Leisure and Recreation in America

PHIL 108 Ecological Philosophy

PHYS 105 Energy and the Environment

SEMN 401 Energy Policy & Use Worldwide

**Additional special topics one-time course offerings may count as electives depending on content (e.g. ENGL, RELG); please discuss the suitability of these courses with Dr. Girdler or Dr. Hussien.*

The concentration in environmental studies is open to students regardless of their majors and prepares students for graduate work and/or careers in a variety of areas including resource economics and management, city and regional planning, natural resource conservation, aquatic or terrestrial environments, environmental law, environmental education, environmental journalism, public administration, agribusiness, and food and population. For general advice and effective planning of their schedules, all students desiring this concentration are encouraged to see one of the directors as early as possible, preferably no later than the sophomore year.

Students interested in environmental studies are urged to keep this interest in mind when selecting a site for study abroad. If approved ahead of time by the codirectors, up to one course from study abroad can count toward the completion of the concentration. Moreover, pursuing these interests abroad emphasizes the important international dimensions of many environmental issues while often permitting students to gain familiarity with some problems (and their possible solutions) in other countries. Courses from study abroad sites in Costa Rica, Ecuador, Kenya, and Thailand are particularly suitable.

Additional courses that may be relevant to students interested in this concentration include BIOL 232, 296; COMP 105, 110; ECON 240, 412; MATH 260, 360.

Environmental Studies courses

ENVS 490 Environmental Studies Senior Seminar Examination and analysis of selected contemporary environmental and resource problems and issues from an interdisciplinary perspective. In addressing these issues, special attention is given to the application and integration of principles, theories, and analytical techniques introduced in the core courses. Topics covered in the seminar are likely to vary annually as new problems, policies, and solutions develop. Prerequisite: Core courses plus senior standing, or permission.

ENVS 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

German Studies

Mr. Brockington (Director of the Center for International Programs), Ms. Redmann, Mr. Sosulski (Chair)

In studying foreign languages, students acquire not only a linguistic skill but also an understanding of other peoples' literatures, histories, and cultures. They gain a new perspective from which to view their own country, way of life, and language. Knowledge of a second language is an important facet of the liberal arts program. Proficiency in a second language at the 201 level is a graduation requirement.

German courses at all levels emphasize speaking, reading, writing, and listening while addressing topics related to German culture. The disciplinary basis for the program, German Studies, draws on literature, history, gender studies, popular culture, music, architecture, and film (among other things) to aid students in the development of a critical understanding of the German-speaking world and their own. Through film courses and a course on contemporary German culture, the German program recognizes the importance of new media in the 20th and 21st centuries and how these media have reshaped the nature of German culture. Other advanced courses take a wider historical view, examining the changing nature of German culture through the lens of a particular genre (such as drama) or theme (such as questions of German-Jewish identity).

Most Kalamazoo College students participate in the study abroad program; for students interested in German, there are opportunities in Erlangen and Bonn. Course work and off-campus experiences are complemented by on-campus opportunities that maintain or improve a student's language skills, including conversation groups led by native speaking teaching assistants, a German club at a local elementary school, and a quarterly film series.

Faculty members meet students inside and outside the classroom, participate in campus activities, and counsel students regarding career choices in foreign service, education, publishing, international business, and other fields. A number of German majors, as well as students in the German program, have been able to participate in Career and Professional Development internships with German companies, both

in the United States and in Europe.

As part of the study abroad program at Kalamazoo College, scholarships for one year of further study at the German universities of Bonn and Erlangen are available to qualified graduates of the College. Kalamazoo students have often succeeded in obtaining Fulbright fellowships and other support for further study in Germany. Competition for these scholarships is not limited to German majors.

Placement

All incoming students who have previously studied German in high school or elsewhere must take the College's placement test in German. Placement can also be determined by a student's score on the College Board's SAT II test or the advanced placement test in German. Students with three or more years of high school will not be placed into GERM 101. Those students who wish to receive credit for German courses that they have taken at another college or university before enrolling at Kalamazoo College must take the German language placement test and test into a higher-level course than the one for which they are seeking credit. Any appeal of the placement test results should be directed to a faculty member in the Department of German Studies.

SAT II

Students with scores of 425 or lower (and with fewer than three years of high school German) will be placed in GERM 101 or 102; 426–500 = GERM 102; 501–550 = GERM 102 or 201; 551–624 = GERM 201; 625 or higher = GERM 203, 204, or 301. If a SAT II score indicates a choice of two levels, a student should consult with the department chair or department representative for placement. A score of 700 or higher may qualify a student for more advanced courses.

Advanced Placement

For students with an advanced placement (AP) score of 4 or 5, credit toward the B.A. degree will be awarded automatically upon admission. Study must begin with GERM 203 or above to receive credit in German at Kalamazoo College. Students with AP scores of 3 may be granted the waiver of a prerequisite, but may not count an AP 3 for credit.

Requirements for the Major in German

Number of Units

Eight units are required, not including GERM 101 and 102 (the eight may include the SIP), plus one cognate course in German or European studies from the list below. No more than two of these units may be earned during study abroad.

Required Courses

GERM 203 Advanced German I: Germany Today
GERM 204 Advanced German II: German Stories and Histories
GERM 301 Introduction to German Literature and Culture: Reading Texts and Contexts
GERM 470 Contemporary German Culture
GERM 490 Senior Seminar

Also required: Passing a German language proficiency test, either the Goethe-Zertifikat B1, B2 or C1 (as recommended by the department). The exams are designed by the Goethe Institute and offered on campus during spring quarter.

Electives

Three courses above 201, two of which must be at the 400-level

German and European Studies Cognate

(One course required; does not count toward required 8 units)

ARTX 140, 145, 150 Introduction to History of Art I/II/III
HIST 101, 102 Introduction to Europe I/II
HIST 246 Germany and Central Europe in the 19th Century
HIST 247 History of Germany and Central Europe: 1890-Present
HIST 250 Revolution, Industry, Imperialism: Europe in the 19th Century
HIST 255 Contemporary Europe
HIST/RELG 263 Modern Jews in Enlightenment and Revolution
HIST/RELG 264 Modern Jewry: Upheaval and Response
MUSC 330 Western Music in the Classic and Romantic Eras
PHIL 207 18th Century Philosophy
PHIL 208 19th Century Philosophy
PHIL 307 Contemporary Continental Philosophy
POLS 210 Comparative Political Institutions: Social Europe
POLS 270 The European Union
POLS 330 The Politics of the Holocaust
THEA 270 The Theatre of Illusionism: Western Theatre from the Renaissance to Early Film
GERM 301 and all of the 400-level German courses count toward the Cultures requirement (Europe) for graduation. GERM 301, 410, 411, 412, 430, and 490 count toward the literature Area of Study requirement for graduation.

Students considering a major in German are urged to begin their study of German in their first year. German majors are encouraged to take courses in appropriate cognate areas such as history, political science, economics, art history, international and area studies, and international commerce, and are strongly urged to study abroad in a German-speaking country.

Requirements for the Minor in German

Number of Units

Six units are required, not including GERM 101 and 102.

Required Courses

GERM 201 Intermediate German

GERM 203 or 204 Advanced German I (Germany Today) or II (German Stories and Histories)

GERM 301 Introduction to German Literature and Culture: Reading Texts and Contexts

GERM 470 Contemporary German Culture

Electives

Two 400-level German Studies courses above 201.

German Studies courses

GERM 101 Beginning German I: The Personal World An introduction to the German language with an emphasis on the personal world. Through communicative activities covering the four language skills (listening, speaking, reading, and writing), students learn to ask and answer questions and share information about themselves, their families, and their daily activities.

GERM 102 Beginning German II: The German-Speaking World Expansion of the skills acquired in GERM 101. Students build on their basic knowledge of everyday German-speaking culture (through topics such as tourism and transportation, health care, and leisure activities), improve their communicative competence, and develop skills needed to negotiate a variety of cultural settings.

GERM 135 Classic German Cinema of the 1920s and 30s Classic German Cinema (class, readings, and films all in English) acquaint its participants with the rich world of Weimar-era German culture, and specifically with the vibrant production of films during the 1920's and '30s. The German film industry was the only significant challenger to Hollywood's domination of the big screen during this era, and it crafted its own distinctive style with directors and performers whose accomplishments served as cinematic milestones for world cinema. A second, but not less important, goal of this course is to instill the vocabulary and analytical skills necessary to read and comprehend filmic texts that both filter and reflect the cultures and historical periods in which they emerged. A third, and no less important goal, is to use the lens of film as a distinctive mode of cultural production through which culture itself may be viewed and critically examined.

GERM 201 Intermediate German: Topics in German Culture Continued expansion of the skills acquired in GERM 101 and 102. Students further develop their ability to communicate in German and their understanding of the German-speaking world by engaging with increasingly complex topics (such as education, environmental issues, politics, history, and multiculturalism). As in German 101 and 102, all four language skills are practiced, and comparisons between American and German society provide the basis for class discussions. Prerequisite: GERM-102

GERM 202/SEMN 241 Reading European Cities: Istanbul, Vienna, Berlin This course, taught in English, will address the questions of how we may understand a culture by learning to "read" its cities. Texts range from maps, travel guides, histories and architecture to films, memoirs, and fiction - an array of genres that highlights the status of the modern city as both a physical place and an imaginary construct. Istanbul, Vienna, and Berlin will serve as case studies for the practice of reading and interpreting urban narratives, and the course will culminate with student research projects and presentations on the cities in which they plan to study abroad, or a city of their choice. This course is a Shared Passages Sophomore Seminar.

GERM 203 Advanced German I: Germany Today This course centers around themes related to life in contemporary Germany, with special emphasis on developing students' writing skills in various genres. In a unit on current events in Germany, for example, students read and listen to news reports, practice vocabulary items and linguistic structures typical of journalistic texts, and finally compose (in multiple drafts) a newspaper article on a topic of their choice. In German. May be taken after German 204. Prerequisite: GERM-201

GERM 204 Advanced German II: German Stories and Histories This course centers around children's and youth novels presented within the historical and cultural context of 20th century Germany, with special emphasis on developing students' reading skills and cultural literacy. Continued practice of linguistic structures and systematic vocabulary building are also central to the course. In German. May be taken before German 203. Prerequisite: GERM-201

GERM 301 Introduction to German Literature and Culture: Reading Texts and Contexts This course serves as an introduction to upper-level courses in German literature and culture. It stresses the central role that literature plays in fostering an understanding of German society, and it introduces students to the tools and theories of literary and cultural analysis. Readings vary from prose and poetry to drama and film, and they may be focused on a single theme across a number of time periods to provide a context toward an understanding of a particular text. In German. Prerequisite: GERM-203 or GERM-204

GERM 410 German Songs and Sagas, Folk and Fairy Tales This course examines common structural and thematic elements in German epic and lyric poetry, folk and fairy tales from the Middle Ages to the Second World War. The first half of the course will be devoted primarily to a key text in the history of German literature, the medieval epic *Das Nibelungenlied*. After reading the text closely (in modern German translation), students will study the reception of the *Nibelungenlied* in 19th and early 20th century German culture (through Wagner's opera and Fritz Lang's film) and its importance for burgeoning German nationalism. In the second half of the course, students will trace key themes from the *Nibelungenlied*--love and loss, honor and war, and the nature of the heroine and hero/warrior--in folk and fairy tales and in lyric poetry from the Enlightenment to the 20th century. In German. Prerequisite: GERM-301

GERM 411 Writing One's Life and Times: Autobiography and Personal Writing in Ge In this course, students will engage with a variety of texts written in German in the 20th century that fall into the genre of person writing (autobiographies, journals, and letters). Readings will center around three themes: defining an artistic identity in the modern age, living through times of crisis, and women's struggle for social recognition and a public voice. Students will gain a critical understanding of the many and varied ways in which individuals use personal texts to communicate with others, to define identity, to call for social change, and to come to terms with the world in which they live. Student responses to the texts under study will take the form of informal discussions, discussion leadership, oral presentations, and formal essays, and they will also author their own short autobiographical texts and journals or web logs. In German. Prerequisite: GERM-301

GERM 412 German Drama Workshop The essence of drama lies in its performance. Despite the fact that dramas have often been written that were never performed during the lifetimes of their authors (sometimes quite intentionally so), most dramas only blossom in their full range of meaning when realized upon the stage by actors. It is also true that in order to gain a deep understanding of the internal mechanics of the drama, and an appreciation for the craft of the playwright, it is invaluable to take part in the production of the play in

question. Here one sees the play "from the inside," a radically different perspective than that afforded by the comfortable seat in the audience or the library. In this course students will play the parts of both actor and director with a view to gaining access to these deeper levels of understanding found within a selection of German dramas. Following collective reading and discussion of the dramas, each course participant will have the chance to act or direct a scene for him/herself. A critical element of this course will be discussion of the cultural contexts in which each drama was originally written and performed, including comparative acting techniques and what these tell us about the epoch of German culture in which they emerged. In German.Prerequisite: GERM-301

GERM 420 Introduction to German Cinema This course will offer an overview of German cinema through the analysis of nine films from the Weimar Republic through the post-Wende period. We will screen and discuss films from a wide variety of periods of German cinematic history during this course: the Weimar Era, the Third Reich, Postwar Cinema, New German Cinema, East German or DEFA Cinema, Women's Cinema, and post-Wende cinema. Our primary focus in this course will be on learning the basics of film language and analysis; developing skill in close textual reading of film through sequence analysis; and understanding the film both as art and as cultural artifact within its historical (and film historical) contexts. In German.Prerequisite: GERM-301

GERM 421 Classic German Cinema of the 1920S and 30S This course seeks to acquaint its participants with the rich world of Weimar-era German culture, and specifically with the vibrant production of films during the 1920s and 30s. The German film industry was the only significant challenger to Hollywood's domination of the big screen during this era, and it crafted its own distinctive style with directors and performers whose accomplishments served as cinematic milestones for world cinema. A second, but not less important, goal of this course is to instill the vocabulary and analytical skills necessary to read and comprehend filmic texts that both filter and reflect the cultures and historical periods in which they emerged. In German.Prerequisite: GERM-301

GERM 423 Topics in German Cinema This addresses a variety of topics (on a rotating basis) related to German cinema. These may include "The Films of Fritz Lang," "East German Cinema," and "Women in German Cinema." An important goal of the course is to instill the vocabulary and analytical skills necessary to read and comprehend filmic texts that both filter and reflect the cultures and historical periods in which they emerged. May be repeated for credit (consult with the department). In German.Prerequisite: GERM-301

GERM 430/GERM 490 Themes in German Literature and Culture This course examines the changing nature of German culture through a variety of texts (ranging from literature, history, and popular culture to music, architecture, and film) on a particular theme. Possible themes for the course include "German-Jewish Literature and Culture," "Germany Imagines Itself: Culture and Identity in the 18th and 19th Centuries," and "Reading Berlin." May be repeated for credit (consult with the department). In German.Prerequisite: GERM-301

GERM 470 Contemporary German Culture This course examines a selection of topics, themes, and issues that are part of the contemporary German cultural and political landscape. These include relations between east and west Germans, efforts to reform German higher education, social challenges posed by Germany's aging populace, German immigration laws, ongoing efforts to come to terms with the history of National Socialism, and the influence of the United States on German popular culture. Students will work with a wide variety of texts that range from autobiographical and fictional works (novels and short stories), to films, film reviews, music, on-line newspaper articles, government press releases, surveys, and political cartoons. Students will acquire and practice sophisticated vocabulary, grammatical structures, and discourse markers that will allow them to comprehend and discuss these texts. Student responses will take the form of informal conversations, prepared debates, formal presentations, discussion leadership, and written essays in various genres. In German.Prerequisite: GERM-301

GERM 490/GERM 430 Senior Seminar Offered annually in conjunction with GERM 430, this course examines the changing nature of German culture through a variety of texts on a particular theme. Senior German majors will complete a research project related to the subject of the course and will present their work in a public forum. In German.Prerequisite: GERM-301

GERM 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -> Curriculum Details and Policies section of the Academic Catalog for more details.Prerequisite: Permission of department and SIP supervisor required.

Health Studies

Ms. Kiino (Director)

For a student planning a career in a health profession, the Health Studies Program offers valuable pre-professional curriculum and career advising. Students planning a healthcare career are encouraged to meet with the Director during their first year at the College. Pre-professional sequences have been established to meet the minimum admissions requirements of specific professional programs including human, dental, and veterinary medicine, podiatry, chiropractic, nursing, optometry, physical therapy, physician assistant and pharmacy. Additional curricular sequences can be planned with the Health Studies Director to meet individual pre-professional requirements. The minimum admission requirements for most health professions programs are met when the courses listed for a specific area are combined with the preprofessional core curriculum. Students are cautioned that some of the courses listed may have other pre-requisites so it is important to refer to the detailed course descriptions elsewhere in this catalog before planning a course of study. Note that Kalamazoo College does not offer degrees in nursing, medicine, pharmacy, etc.

Pre-professional Core Curriculum

BIOL 112 Evolution and Genetics with Lab
BIOL 246 Cell and Molecular Biology with Lab
CHEM 110 Chemical Composition and Structure
CHEM 120 Chemical Reactivity
CHEM 210 Organic Chemistry I with Lab
CHEM 220 Organic Chemistry II with Lab

Program-specific sequences to be added to the core curriculum:

Medicine (Allopathic, Osteopathic, Dental)

BIOL/CHEM 352 Biochemistry with Lab
PHYS 150 Introductory Physics I with Lab
PHYS 152 Introductory Physics II with Lab
One unit in psychology
One to two units carrying the Literature Area of Study (in English)

Veterinary Medicine

BIOL 123 Form and Function with Lab
BIOL 322 General Microbiology with Lab
BIOL/CHEM 352 Biochemistry with Lab
BIOL 370 Advanced Genetics with Lab
PHYS 150 Introductory Physics I with Lab
PHYS 152 Introductory Physics II with Lab

Optometry, Podiatry

BIOL/CHEM 352 Biochemistry with Lab
MATH 260 Applied Statistics or MATH 261 Biostatistics
PHYS 150 Introductory Physics I with Lab
PHYS 152 Introductory Physics II with Lab
Two to three units in psychology
One to two units carrying the Literature Area of Study (in English)

Pharmacy*

BIOL 123 Form and Function with Lab
BIOL 222 Vertebrate Biology with Lab
BIOL 322 General Microbiology with Lab
ECON 101 Principles of Economics
MATH 260 Applied Statistics or MATH 261 Biostatistics
PHYS 150 Introductory Physics I with Lab
PHYS 152 Introductory Physics II with Lab

Physical Therapy*

BIOL 123 Form and Function with Lab
BIOL 222 Vertebrate Biology with Lab
BIOL 376 Human Physiology with Lab
MATH 260 Applied Statistics or MATH 261 Biostatistics
PHYS 150 Introductory Physics I with Lab
PHYS 152 Introductory Physics II with Lab
Three units of psychology

Chiropractic

PHYS 150 Introductory Physics I with Lab
PHYS 152 introductory Physics II with Lab
PSYC 101 Introductory Psychology

Nursing, Physician Assistant*

BIOL 123 Form and Function with Lab
BIOL 222 Vertebrate Biology with Lab
BIOL 322 General Microbiology with Lab
BIOL/CHEM 352 Biochemistry with Lab
BIOL 376 Human Physiology with Lab
MATH 260 Applied Statistics or MATH 261 Biostatistics
Two units of psychology

**The prerequisites for these programs vary, so students should use this as a general guide and consult individual programs for exact requirements.*

Health Studies Concentration

The Health Studies Concentration offers a broad, multidisciplinary perspective of healthcare. It provides a broader survey of healthcare-related topics for the science major while providing a solid foundation in scientific principles and methods for the non-science major.

Number of Units

Ten units are required.

Required Courses

ANSO 110 Medicine and Society
BIOL 112 Evolution and Genetics with Lab
BIOL 123 Form and Function with Lab
CHEM 110 Chemical Composition and Structure
CHEM 120 Chemical Reactivity
HDSR 210 Contemporary Issues in Public Health
PHIL 305 Biomedical Ethics
PSYC 101 General Psychology
HLSC 490 Topics in Health Studies

One of:
ANSO 212 Quantitative Analysis and Statistical Reasoning
MATH 260 Applied Statistics I
MATH 261 Biostatistics

One of:
ANSO 255 You Are What You Eat
CHIN 220 Chinese Food Culture
PED 205 Nutrition
PED 210 Care and Treatment of Injuries
SPAN 205 Culture of Health and Disease in the Hispanic Community

Health Professions Early Entry Program

A small number of Kalamazoo College students, by virtue of their superior academic performance and scores on admissions examinations, have been admitted to schools of veterinary medicine, dentistry, and physical therapy at the end of their third year. Other programs that may qualify for early entry are chiropractic, optometry, pharmacy, and podiatry. These students complete their general education requirements during their three years at Kalamazoo College and then begin study in a recognized professional school. At the end of one year of successful study at the professional school, they are awarded a Bachelor of Arts degree from Kalamazoo College. Students interested in this program should consult the Health Studies Director as early as possible.

Health Studies courses

HLSC 490 Topics in Health Studies Discussions of current issues in health care; lectures by visiting speakers; SIP presentations by students.

HLSC 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

History

Mr. Bangura, Mr. Barclay, Ms. Boyer Lewis, Mr. Frost, Mr. Haus (Chair), Mr. Lewis, Ms. Werner, Mr. Wickstrom (emeritus)

Historical narrative occupies a central position in a liberal arts education. Such education equips individuals to understand and appreciate the world and to meet its challenges. The study of History contributes much to these ends, maintaining that people and society are, in important respects, the products of their past; therefore, the story of the past provides insight helpful to both personal and social development.

Moreover, History stands at the core of a liberal arts education since one aim of that education is to integrate the various disciplines. Taking as its subject a narrative of individuals and society in the past, History draws upon all disciplines to discuss that past. It provides a narrative framework for the study of other disciplines and helps the advanced student integrate various academic perspectives.

AP, IB, Transfer, and Study Abroad Credits

With department approval, one unit (AP/IB, Study Abroad, transfer, etc.) may be applied to the major or minor but cannot be used to fulfill the one-course requirement for any of the four fields. See department for specific information.

Requirements for the Major in History

Number of Units

At least nine units are required, not including the SIP.

Required Courses

Majors **must** take at least one course at Kalamazoo College in each of the four fields of the department:

1. Early History (HIST 100, 101, 225, 226, 231, 232, 233, 235, 237, 239, 240, HIST/CLAS 224, 227, 229, 230, 393)
2. Modern European History (HIST 102, 241, 242, 244, 245, 246, 247, 250, 255, 257, 259, 263, 264, 265, 394)
3. United States History (HIST 110, 111, 200, 203, 206, 209, 211, 213, 217, 218, 219, 220, 221, 223, 391)
4. African/Asian History (HIST 103, 104, 272, 273, 274, 276, 277, 279, 280, 281, 283, 285, HIST/ANSO 288, 289, 397)

Majors **must** enroll in at least three courses in their major field and at least two courses in their minor field.

Required Seminars

HIST 299 Sophomore Seminar: Research and Writing
HIST 490 Senior Seminar: Historical Methods

Plus one of the following:

- HIST 391 Seminar in United States History
- HIST 393 Seminar in Early European History
- HIST 394 Seminar in Modern European History
- HIST 397 Seminar in East Asian History

All majors are required to pass a comprehensive exam.

Requirements for the Minor in History

Number of Units and Required Courses

1. Six units are required, not including the SIP.
2. Minors must take courses at Kalamazoo College in three of the four fields of the department: Early History, Modern European History, U.S. History, or African/Asian History.
3. Minors must enroll in one of the research seminars (391, 393, 394, 397).

History courses

HIST 100 Introduction to the World of Antiquity A survey of ancient societies, politics, and religio-philosophic systems. These will include ancient Egypt, Israel, and classical Greece and Rome. Emphasis on comparative institutions and the character and expansion of ancient empires.

HIST 101 Introduction to Europe I: Medieval and Early Modern Europe This introduction to medieval Europe takes a two-fold approach. First, it serves as a chronological introduction to the history of Europe and the Mediterranean world during the Middle Ages, from the end of the Roman Empire in the West until the late fifteenth century. Next, a thematic approach identifies key social, cultural, intellectual, political, and economic developments between 500 and 1500. Rather than learning only about kings, queens, and prelates, we will broaden our thinking about the many peoples of the pre-modern world: poor as well as rich, women as well as men, slave as well as free, Jewish and Muslim as well as Christian.

HIST 102 Introduction to Europe II: From Early Modernity to Post-Modernity, 1648-present A consideration of the forces that have shaped European history since the end of the wars of religion. Among the issues to be discussed are: the trajectory of the "Westphalian" state system, 1648-1945; the contradictory legacy of the Enlightenment; empire-building and the disruption of the global balance of civilizations; industrialization and societal change; the rise and decline of the nation-state; the age of ideology and Europe's attempted civilization suicide in the twentieth century; the idea of Europe and Europe's place in a transnational world of regions since 1945.

HIST 103 Introduction to East Asian Civilizations Surveys of the histories of China, Japan, and Korea, with particular attention to religious, political, and social patterns. Topics include Confucianism and its influence in East Asia, China's modernization dilemma, Korea's division and its implication, Japan's rise as a major power, and importance of East Asia in world history, among others.

HIST/AFST 104 Introduction to African Studies This course introduces students to selected themes, paradigms, and concepts in African Studies. It is divided into four sections: section one deals with "Pre-colonial African societies;" section two examines "The Idea of Africa;" section three focuses on "African Studies as an academic discipline;" section four addresses "Colonialism and its impact on Africa." It is strongly recommended that students take the Introduction to African Studies course before taking any of the upper level African Studies classes.

HIST/RELG 107 Introduction to Jewish Traditions This course explores the development of Judaism from its ancient origins until the present. We will discuss the biblical foundations of Judaism and the impact that different historical contexts have produced on its rituals and beliefs. This approach raises a number of questions, which we will keep in mind throughout the course: What is Judaism? Who are the Jews? What is the relationship between Judaism and "being Jewish"? How have historical circumstances shaped this relationship? What has changed and what has stayed the same, and why? The class will address these questions through discussions and readings.

HIST/AMST 110 History of the United States I America from colonial times to 1865, with emphasis on economic, social, intellectual, and political developments. Required for Michigan Secondary teaching certificate.

HIST/AMST 111 History of the United States II America from 1865 to the present, with emphasis on economic, social, intellectual, and political developments. Required for Michigan secondary teaching certificate.

HIST 200 Colonial America An examination of political, cultural, social, and economic developments in America to 1760. Topics include Native American societies, founding of the English colonies, the adoption of slavery, religious diversification, the Salem witchcraft trials, the consumer revolution, the French and Indian war, and changes in the family.

HIST 203 Revolutionary America, 1760-1815 Examination of the era of the American Revolution, with lectures, readings, and discussion covering issues ranging from national and international politics to class, gender, and race relations, from economic and demographic developments to religion and society.

HIST 206 Culture and Society in Victorian America Consideration of the main aspects of Victorian culture and society. Special attention will be given to reactions to the industrial revolution and its impact on the natural and social environment, racial and gender relations, and organized religion.

HIST 209 Post World War II America Broad examination of American political, social, diplomatic, economic, and cultural life since World War II, highlighting the links between foreign affairs and domestic politics and society. Topics include the Cold War, Red Scare, Civil Rights, baby boom, Vietnam War, counterculture, women's movement, and Watergate.

HIST 211 Native American History A broad survey of the field of Native American history, spanning the full range of Indian-white relations -- social, economic, cultural, political, and military -- with a focus upon the region ultimately included within the United States.

HIST 213 The Slave South The distinctiveness of Southern society before the Civil War lay essentially in its system of black slave labor. This course will examine how slavery shaped the politics, the economy, society, culture, and even the family. It will consider the relationships between master and slave, free and unfree, slaveholders and nonslaveholders, parents and children, and men and women -- black and white. It will look at the myths of the Cavalier, the Southern Lady, the "happy ducky," and "our family, black and white."

HIST 217 History of Leisure and Recreation in America Examination of the history of leisure and recreation in America from the Puritans to the present. Discussion of the importance of leisure, the rise of public amusements, spectator sports and vacations, the growth of tourism, tensions between work and leisure, and why recent Americans choose more work over more leisure.

HIST/RELG 218 American Jewish Experience This course will explore the religious, social, political, cultural, and economic history of the Jewish people in America from the first settlement until the present. The major themes of study will focus upon the development of Judaism in America. We will take into account a number of historical factors that shaped that development: the economic, social, and political evolution of American Jewry and its institutions; Jewish immigration to the United States and its consequences; American Jewish self-perception; and the relationship between Jews and non-Jews in American society. Assignments will draw upon a wide range of materials, from secondary historical studies and primary documents to fiction and film.

HIST 219 Special Topics: U.S. This course will focus upon a topic in the United States history that is not addressed in the department's regular offerings. The course can be repeated with a different topic.

HIST 220 American Women's History to 1870 An in-depth survey of the lives of women in America from the beginning of the colonial era to 1870. Topics include: the differences of class, religion, and race in women's lives, religion, work, friendships, family life, community, health and sexuality, the women's rights movement, and the impact of the American Revolution and Civil War.

HIST 221 American Women's History since 1870 An in-depth survey of the lives of women in America from 1870 to today. Topics include the impact of race, class, and region in women's lives, paid and unpaid labor, prostitution, family life, community, birth control, the women's rights movement, and the impact of US involvement in international wars.

HIST 223 American Diplomacy Since 1898 Examination of American foreign policy and relations in the 20th century. Topics include the Spanish-American War, dollar diplomacy, World Wars I and II, the Cold War, the Vietnam War, American intervention, and the post-Cold War world.

HIST/CLAS 224 Archaeology of Death in the Greco-Roman World This course examines the public and private funerary art, architecture, epigraphy and literature of the Greek and Roman world in their ancient social and religious contexts. It also considers the influence of these ancient practices on modern burial customs. This course presents the new technological and forensic advances in burial archaeology, such as DNA testing and non-invasive scanning techniques, that promise to extract more information than ever before from ancient remains. (This is a designated Greek and Roman literature or culture course in Classics.)

HIST/CLAS 225 Greek Civilization From Homer to Alexander the Great with emphasis on arts and letters.

HIST/CLAS 226 Roman Civilization From the foundation of the Republic to the empire of Constantine.

HIST/CLAS 227 The Roman Army and the Frontiers of Empire This course considers the Roman army from the perspectives of both military and social history. After a chronological survey of the development of the Roman army, case studies of the army in action in specific frontier provinces will be considered. From Hadrian's Wall in Britain to the desert wastes of Egypt, ancient texts and archaeological evidence illuminate the army-driven process of "Romanization," through which former barbarian enemies became assimilated Roman citizens. (This is a designated Roman literature or culture course in Classics.)

HIST/CLAS 229 Multiculturalism in Greco-Roman Egypt This course examines the dynamic cultural pluralism that thrived for almost a millennium after Egypt, with its deeply-rooted pharaonic heritage, was integrated into the Classical world, first as a Hellenistic Kingdom under the Greek Ptolemaic Dynasty and then as an imperial province in the Roman Empire. The monuments of Graeco-Roman Egypt are spread across a varied cultural landscape, from the cosmopolitan Mediterranean metropolis of Alexandria, through the agricultural towns of the Fayum oasis, to the Nile Valley cities of Middle and Upper Egypt, and the imperial mines and Red Sea ports of the Eastern Desert. Egyptians, Nubians, Jews, Greeks, and Romans coexisted in Graeco-Roman Egypt with cooperation and conflict to produce art and architecture as well as to practice cults and customs in which both pharaonic survivals and Classical responses can be traced. (This is a designated Greek and Roman literature or culture course in Classics.)

HIST/CLAS 230 Women in Classical Antiquity A literary, historical, and cultural survey of social structures and private life in ancient Greece and Rome. Issues covered include constructions of sexuality, cross-cultural standards of the beautiful, varieties of courtship and marriage, and contentions between pornography and erotica. Students will examine sources from medical, philosophic, lyric, tragic, comic, and rhetorical writers as well as representative works from vase painting, the plastic arts, graffiti, etc. (This is a designated Greek and Roman literature or culture course in Classics.)

HIST 231 Europe Meets the World: Cross-Cultural Encounters Before 1450 Rather than focusing on Europe, this course takes a wider, trans-national view of the medieval world, comparing cultures in Europe, the Middle East, North Africa, and Asia. Topics include exploration, migration, conquest, and assimilation; lectures, readings, and discussions look closely at specific moments of cultural contact, such as the Mongol invasions, the spread of Islam, the Crusades, long-distance trade networks, intellectual collaboration in Muslim Spain, and Viking settlements.

HIST 232 Life in Medieval Europe: Manor, Monastery Town This social, cultural, and economic exploration of medieval Europe focuses on the central and later Middle Ages - from 1000 to 1500 - and examines both broad intellectual, social, and economic shifts as well as the lives of ordinary people. Topics include: the Great Plague, carnival and popular culture, the growth of towns, monastic reform, gender relations, new forms of piety, and popular revolts.

HIST 233 The High Middle Ages: A.D. 1050-1500 Study of the development of European kingdoms, especially England, France, and Germany, from 1050 to 1500 AD with emphasis on constitutional and religious change, arts, and letters in the high and later Middle Ages.

HIST 236/SEMN 234 End of Christendom: Piety, Ritual, and Religious Upheaval in the Sixteenth Century This course examines the complex social, cultural, religious, and political repercussions of religious reform over the course of the long sixteenth century, from the earliest glimmers of discontent among Hussites and Lollards to the violent wars of religion that characterized the seventeenth century. Topics include lay piety and religious ritual, the reform of daily life, confessional antagonism, print culture and propaganda. Primary sources on this topic are plentiful, and we pay particular attention to the exceptionally rich visual sources of this period. This course is a Shared Passages Sophomore Seminar.

HIST 237 Women in European Society, 1200-1700 This course takes a chronological and thematic approach to the history of women and gender in pre-modern Europe. It provides a historical overview of women's history in medieval and early modern Europe, examining the effects of historical change on the lives of women and evaluating how women experienced these changes differently from men. Topics include women's roles in the family and household, women's work, female mysticism, prostitution, and witchcraft.

HIST 238 Gender and Sexuality in Pre-Modern Europe Part social history, part cultural history, this course examines gender and sexuality in medieval and early modern Europe, particularly the ways in which perceptions of gender difference were used to construct political and social relationships. The course is organized thematically rather than chronologically, and topics include medicine, marriage, prostitution, gender and state-building, and same-sex relations.

HIST 239 Special Topics in Early European History This course will focus upon a topic in early European history that is not

addressed in the department's regular offerings. The course can be repeated with a different topic.

HIST 241 Britain and the British Empire: 1688 to the Present Examination of major trends in British history since the "Glorious Revolution," including such topics as the development of parliamentary institutions, industrialization, reform movements, the British empire at its zenith, the two World Wars, and the evolution of British society since 1945.

HIST 244 French Revolution and Napoleon Study of France from Louis XIV to Napoleon with emphasis on structure and problems of the ancient regime, origins of the revolution itself, and the Napoleonic period.

HIST 246 Germany and Central Europe in the 19th Century Study of the evolution of the modern German nation-state, effects of industrialization and nationalism, popular culture, and the emergence of anti-Semitism.

HIST 247 History of Germany and Central Europe: 1890 to the Present Investigation of such topics as the German Empire under William II, expansionism and the origins of World War I, impact of the conflict upon German society, early years of the Weimar Republic, Hitler and the rise of national socialism, the Nazi seizure of power, the emergence of two separate German states, and transformations since the late 1980s.

HIST 250 Revolution, Industry, and Imperialism: Europe in the 19th Century Study of Europe from 1789 to 1914; the French and industrial revolutions, liberalism, nationalism, national rivalries, socialism, social reform, imperialism, and great power conflicts.

HIST 255 Contemporary Europe Study of the main political, economic, and intellectual developments in contemporary Europe including topics such as the coming of World War I, the Russian revolution, the emergence of fascism and communism, World War II, the Cold War and the division of Europe, major social and intellectual developments since 1945, the collapse of communism and its consequences, and the complexities of European unity.

HIST 257 World War II A consideration of World War II in its various dimensions -- military, geographic, economic, cultural, and social -- between 1930 and 1945. It focuses not only on grand strategy but also on the war as a lived and shared human experience.

HIST 259 Special Topics in Modern European History This course will focus upon a topic in Modern European history that is not addressed in the department's regular offerings. The course can be repeated with a different topic.

HIST/RELG 263 Jews in a Changing Europe, 1750-1880 Between 1780 and 1880 enormous changes took place in Jewish religious, political, social, intellectual, and economic life. These changes worked in tandem with developments in general European life to create new forces within Judaism and new ways of looking at the connections between Jews. In this course, we will study these developments as they affected the Jews on the European continent. In so doing, we will explore their consequences for both Jews and non-Jews, and the issues and questions they raised.

HIST/RELG 264 Jewish Revolutions: 1881-1967 Between 1881 and the period immediately following the Second World War, the world's Jews experienced momentous demographic, religious, political, economic, and social changes. These changes in turn shaped their relationship to non-Jews with whom they lived. This course will study the context of change across the globe from Europe and America to the Middle East and North Africa. Through primary and secondary documents, we will explore the forces that produced these changes and the results they produced for both Jews and non-Jews.

HIST/RELG 265 Zionism: From Idea to State This course explores the origins, development, and manifestations of Zionism. The course examines the transformation of traditional religious conceptions of the connection between Jews and the Land of Israel (Palestine) into a nationalist ideology in the 19th century. This transformation entailed parallel changes to the idea of Jewish peoplehood. Through the use of primary documents we will follow these trends through intellectual, religious, social, and political changes that culminated in the establishment of the State of Israel in 1948.

HIST/RELG 267 Women and Judaism This course explores the religious and social position women have historically occupied in Jewish society. We will discuss religious practice and theological beliefs as well as social and economic developments as a means of addressing questions such as: What role have women played in Jewish tradition? How are they viewed by Jewish law? How has their status changed in different historical contexts, and why might those changes have taken place? What are contemporary ideas about the status of Jewish women, and how have these ideas influenced contemporary Jewish practices and communal relations? What do the historical and religious experiences of Jewish women teach us about the way that Judaism has developed?

HIST 269 Special Topics in Jewish History This course will focus upon a topic in Jewish history that is not addressed in the department's regular offerings. The course can be repeated with different topics.

HIST/AFST 272 Gender Relations in Africa This course explores categories of masculinity and femininity that relate to and inform one another. It analyzes how these identity categories interact with other axes of social and political power, such as ethnic affiliation, economic status, and age in various places and times in Africa.

HIST/AFST 273 Africa and the Atlantic Slave Trade This course examines the complex web of connections that linked together the various lives and fates of Africans, Europeans, and Americans via the Atlantic slave trade. It analyzes the mode of enslavement of Africans by slavers in Africa, the experiences of slaves in the Middle Passage, and the impact of the trade on continental and Diasporan Africans. It also explores the role played by Africa-based abolitionist movements in ending the trade in Atlantic Africa.

HIST/RELG/AFST 274 Islam in Africa This course explores the spread of Islam from the Arab peninsula to the African continent in the seventh century through the nineteenth century and limns the factors which facilitated this advance. It examines the methods and principles of Islam and how the religion affected the life styles of its African neophytes and adherents. As a result of the interaction between Muslim and African civilizations, the advance of Islam has profoundly influenced religious beliefs and practices of African societies, while local traditions have also influenced Islamic practices. Muslims were important in the process of state-building and in the creation of commercial networks that brought together large parts of the continent. Muslim clerics served as registrars of state records and played a role in developing inner-state diplomacy inside Africa and beyond.

HIST/AFST 276 Civilizations of Africa Study of Africa south of the Sahara including the origins of man and the emergence of food producing communities; Ancient Egypt and pre-colonial African kingdoms and federations; medieval empires of western Sudan, Ethiopia, and Bantu-speaking Africa; and the Atlantic slave trade. Emphasis on socio-political and economic history.

HIST/AFST 277 Contemporary Africa Study of Africa south of the Sahara including colonialism and the anti-colonial struggles of the post-WWII period.

HIST/AFST 279 Special Topics in African History This course will focus upon a topic in African history that is not addressed in the department's regular offerings. The course can be repeated with different topics.

HIST 280 Modern China Survey of Chinese history from the 18th century to the present; focus on major developments in China's

interaction with the modern world, its struggle in modernization, the origins of the Chinese revolution, and China's reform policies in the late 20th century and their impact on Chinese society and the world.

HIST 281 Family, Women, and Marriage in Chinese History This course introduces students to Chinese history from social and cultural perspectives. It will examine the following issues: Why was the idea of family so important in Chinese civilization? What was the status of women in Chinese culture? What were the social and political functions of marriage in Chinese history and culture? Topics include the impact of Confucian thought on the structure of the Chinese family and women's status, the issue of changing family organization, population control and the impact of post-Mao reforms.

HIST 282 Early China Survey of Chinese history from earliest times to 1600. Topics include the emergence and evolution of Confucianism, the rise of centralized empires, the tributary system of foreign relations, dynastic rise and decline, the scholar-official system, shifting gender roles, and early China's place in world history.

HIST 283 Occupiers/Occupied in Post-World War II East Asia How does one country occupy another? What is it like to live in an occupied society? By exploring the post-World War II occupations of Japan, Okinawa, and both North and South Korea, we will seek to address these questions and understand how this period of occupation shaped East Asia and its people in positive and negative ways. We will examine how the goals and attitudes of the occupiers, particularly those from the US and the USSR, influenced the region. In our comparative study of these occupations we will draw from the rich English-language archive of primary and secondary materials, including historical studies, memoirs, government and military documents, as well as works of fiction, cartoons, and film.

HIST 285 Modern Japan Study of Japanese history from the 17th century to the present. Topics include samurai society, economic and political modernization, the rise of militarism, World War II, the American occupation, the postwar economic miracle, and the current challenges Japan is facing.

HIST 288 Sports in East Asia Whether it's Yao Ming on the basketball court, Ichiro in Seattle breaking records, or the ubiquitous martial arts, "East Asian" sports seem to be everywhere these days. How did this come about? What can we learn about East Asian societies -- and our own -- from studying sports? These are some of the questions we will be tackling as we explore the history and significance of sports in East Asia. Drawing from a combination of primary materials, theoretical writings, comparative studies, and secondary works focused on East Asia, we will consider sports in terms of several issues: invented traditions, nationalism, body culture, gender, stardom, and the modern Olympics, to name just a few.

HIST 289 Special Topics: East Asia This course will focus up on a topic in East Asian history that is not addressed in the department's regular offerings. The course can be repeated with different topics.

HIST 299 Sophomore Seminar: Research and Writing This course will introduce the various approaches used by professional historians to reconstruct and interpret the past. Students will develop their research, writing, and critical thinking skills. The class focuses on the issues and questions historians explore and debate today. Open to Sophomore Majors or students with permission. Note: This course is not a Shared Passages Sophomore Seminar.

HIST 391 Seminar in United States History Prerequisite: One course in US History

HIST 393 Seminar in Medieval History Prerequisite: HIST-232 or HIST-233

HIST 394 Seminar in Modern European History Examination of selected topics in modern European history from 1700 to the present. Prerequisite: One course in Modern European History at the 200 level

HIST 397 Seminar in East Asian History Prerequisite: One course in East Asian History or political science.

HIST 490F Senior Seminar: Historical Methods Intended as a capstone to the History major, the senior seminar will first review major issues in historiography from ancient times to the present. Faculty- and student-led workshops on practical aspects of historical methods and research will be central aspects of the course. Most students will complete SIP's during the course of the seminar; the seminar topics will thus help to contextualize and deepen the SIP experience. Most seminar meetings will take place in the Fall Quarter, though a few will also take place during the Winter in connection with the final SIP write-up and presentation. Required of all History majors; departmental permission required for non-majors. (Fall component of two-term course.) Prerequisite: Senior majors or permission.

HIST 490W Senior Seminar: Historical Methods Intended as a capstone to the History major, the senior seminar will first review major issues in historiography from ancient times to the present. Faculty- and student-led workshops on practical aspects of historical methods and research will be central aspects of the course. Most students will complete SIP's during the course of the seminar; the seminar topics will thus help to contextualize and deepen the SIP experience. Most seminar meetings will take place in the Fall Quarter, though a few will also take place during the Winter in connection with the final SIP write-up and presentation. Required of all History majors; departmental permission required for non-majors. (Winter component of two-term course.) Prerequisite: Take HIST-490F

HIST 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Human Development & Social Relations

Human Development and Social Relations

Ms. Baptiste, Ms. Cunningham, Mr. Gregg (Director)

Human development and social relations (HDSR) is an interdisciplinary major, drawing upon psychology, sociology, anthropology, and education, which:

- is oriented toward contemporary social problems and the ethical application of knowledge;
- stresses multiple perspectives and methodologies for understanding complex human and social phenomena;
- provides opportunities for the development of cultural competencies;
- is comparative, examining national and international variations in social problems and policies;
- is informed by social science theory and emphasizes the use of empirical methods of research and analysis.

Requirements for the Major in HDSR

Number of Units

Ten units are required, not including the SIP.

Required Courses

HDSR 390 Junior Seminar
HDSR 490 Senior Seminar
PSYC 101 General Psychology
PSYC 210 Developmental Psychology
PSYC 370 Abnormal Psychology
ANSO 103 Introduction to Society and Culture
ANSO 212 Quantitative Analysis and Statistical Reasoning*
ANSO 245 Qualitative Research Methods

2 Social Relations Courses chosen from

ANSO 110 Medicine and Society
ANSO 205 Urban Sociology
ANSO 220 The Family
ANSO 235 Prisons and Public Policy
ANSO 236 Race and Racism
ANSO/PSYC 238 Culture and Psychology of Arab-Muslim Societies
ANSO 240 Language, Culture, and Society
ANSO/PSYC 250 Social Psychology
ANSO 257 Immigrants and Exiles
ANSO 266 Culture, Religion, and Nationality
ANSO 270 Communities and Schools Philadelphia Center Urban Program experience***
ANSO/PSYC 279/ECON 255 Organizational Behavior
ANSO 330 Class Status, and Power
HDSR 210 Contemporary Issues in Public Health
HLSC 295 Topic: Epidemiology and Global Health
*MATH 105 Quantitative Reasoning and Statistical Analysis or MATH 260 Applied Statistics could be substituted for ANSO 212 by permission.

***Only for students selected to participate.

HDSR promotes understanding of the dynamic interplay between human beings and their socio-cultural environments. The core courses help students comprehend the stages of human development over the life course; the processes by which thought and behavior are shaped by individual, group, institutional, societal, and cultural influences; and prevalent psychological and social problems.

Service-learning courses, study abroad, and off-campus work experience provide opportunities to develop relationships across social boundaries, challenging social stereotypes and enlivening students to new issues. To provide opportunities for the development of applied skills, HDSR strongly encourages full use of internship opportunities. The senior individualized project and senior seminar help students to integrate theory with application and more fully to understand the complementarity of multiple perspectives.

While many HDSR majors pursue careers in a wide range of applied professions requiring bachelor's or master's degrees, others enter doctoral study in traditional academic, interdisciplinary, or applied fields in the social sciences in preparation for careers as teachers and researchers.

Students may not major in human development and social relations (HDSR) and minor in psychology.

Human Development and Social Relations courses

HDSR 210 Contemporary Issues in Public Health This introductory survey will explore contemporary issues, theories, and methods in public health. Students will work with community-based organizations or schools in Kalamazoo on projects that illuminate the determinants and consequences of several contemporary "epidemics." We will use the social medicine framework to examine how race, gender, age, environment, and class shape modern illnesses.

HDSR 390 HDSR Junior Seminar Students will examine theoretical foundations of social intervention and prevention programs from historical and current perspectives, drawing from the disciplines of psychology, sociology, anthropology, and public health. This seminar will prepare students for their senior individualized project (SIP), and for on-going work involving the application of knowledge to practical human problems. Prerequisite: Junior HDSR major, or permission of the director.

HDSR 490 HDSR Senior Seminar This class is designed to extend and integrate the multidisciplinary perspectives learned in the HDSR major. Using a problem-based approach, we apply sociological, psychological, and anthropological approaches to analyses of social issues. The Senior Seminar also serves to prepare students for comprehensive examinations taken at the end of winter quarter. Prerequisite: Senior HDSR major.

HDSR 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Independent Interdisciplinary Programs

Independent Interdisciplinary Major

The Independent Interdisciplinary major is intended for students who have a strong, well-articulated desire to pursue depth in an interdisciplinary area where the College does not have a defined major. The proposal must, however, be feasible in the context of the College's existing curriculum and faculty expertise. The student must demonstrate a record of discipline and academic success in coursework, including independent work. Students submitting a proposal for an Independent Interdisciplinary Major must have a minimum GPA of 3.0 and may not declare a second major.

A student interested in pursuing an Independent Interdisciplinary Major must first form an advisory committee consisting of at least three faculty members, including faculty from each relevant department or program and the student's academic advisor. One faculty member is identified as the chair of the committee. Faculty are not obligated to participate in Independent Interdisciplinary Major advisory committees, and participation must be approved by the relevant department or program chairs.

Once the committee has been approved, the student develops a proposal, engaging all members of the committee. In addition to meetings with the student, the committee should meet at least once without the student to discuss and evaluate the proposal, providing feedback to the student. The proposal must be approved by the entire committee and the Educational Policies Committee, in consultation with the Registrar. Proposals for Independent Interdisciplinary Majors must be submitted by the end of the sophomore year.

After the proposal has been approved and filed with the registrar's office, any changes or course substitutions must be approved by the committee chair, in consultation with the other members of the committee.

An Independent Interdisciplinary Major Proposal includes the following:

- Purpose: The proposal must clearly articulate the topic or theme for the major, describe the student's interest in the topic, and explain why that interest cannot be met by existing majors, minors, or concentrations.
- Plan of Study: The proposed plan of study must include at least 10 courses from at least two departments or programs, making clear how the number, combination, sequencing, or level of specific courses provide breadth and depth in the interdisciplinary topic. The committee may also require courses that provide a theoretical basis for some aspect of the topic, cognate courses, or courses that involve reading or engaging in the scholarly or professional literature of the field.
- SIP: The student must complete a Senior Individualized Project related to the topic of the Independent Interdisciplinary Major and the SIP advisor(s) must be a member of the student's interdisciplinary major advisory committee. The proposal for the major should indicate how the student intends to meet this requirement.
- Senior Seminar: The student should participate in at least one senior seminar related to the project or in a related discipline. The proposal should indicate how the student intends to meet this requirement.

Independent Interdisciplinary Concentration

The Independent Interdisciplinary Concentration is intended for students who have a strong, well-articulated desire to explore a coherent area where the College does not have a defined major, minor, or concentration. The proposal must be feasible in the context of the College's existing curriculum and faculty expertise. Students may have only one Independent Interdisciplinary Concentration but may have additional majors or minors.

A student interested in pursuing an Independent Interdisciplinary Concentration must first form an advisory committee consisting of at least two faculty members, including one from the department or program whose courses comprise the majority of the concentration. Faculty members are not obligated to participate in Independent Interdisciplinary Concentration advisory committees. The student should develop a proposal in consultation with all of the members of the committee and all of the members must approve it. Approved proposals must be submitted to the Registrar before the end of the Winter Quarter of the senior year. After the proposal is filed with the Registrar, any changes must be approved by the faculty committee and filed with the Registrar.

An Independent Interdisciplinary Concentration Proposal must include the following:

- Purpose: The proposal must clearly articulate the topic or theme of the concentration, describe the student's interest in that topic or theme, and explain why that interest cannot be met by existing majors, minors, or concentrations.
- Program of Study: The proposed program of study must include at least 6 courses and make clear how the number, combination, sequencing, or level of specific courses provide breadth and coherence in the interdisciplinary topic. The committee may also require courses that provide a theoretical basis for some aspect of the topic, cognate courses, or courses that involve reading or engaging with the scholarly or professional literature of the field.
- SIP: The student may complete a Senior Individualized Project related to the topic of the Independent Interdisciplinary Concentration and may apply one SIP unit toward the 6 required courses. If a SIP unit is to be counted toward the concentration, the proposal should indicate how the SIP fits within the program of study.
- Senior Seminar: The student may participate in a senior seminar related to the Independent Interdisciplinary Concentration and may count it toward one of the 6 required courses.

Interdisciplinary Courses

Interdisciplinary courses

IDSY 210 Prediction of Financial Crises The recent world-wide crisis of financial markets and economies begs new explanations. Concepts of traditional economics must be augmented by, or overcome by, emerging notions of complexity theory. Elements of this new approach will include bounded rationality, emerging dynamic models, nonlinear thinking, and wild randomness. (ECON-101 recommended but not required.)

IDSY/PHYS 215 Introduction to Complex Systems Study of how collective behavior emerges from the interaction between a system's parts and its environment. Model systems from the natural sciences and social sciences will be used as examples. Both historical and contemporary approaches will be discussed.

IDSY 220 Cross-Cultural Understanding and Inter-Cultural Communication Two-part course offered for sophomores in the spring

prior to departure on a long-term study abroad program and in the spring immediately following their return. Students learn basic concepts of cross-cultural analysis and intercultural communication before departure, communicate about their experiences while abroad, and share their insights about the study abroad experience with the Kalamazoo community upon their return. Students must complete both halves of IDSY 220 in order to receive one unit of credit.

IDSY/MATH 305/PHYS 482 Dynamic Models in Social Science The study of why mathematical and computational methods are important in understanding social phenomena, and how different social phenomena can be described by proper mathematical models. Specifically, applications of the theory of dynamical systems will be presented. Designed for math/science and social science students. Either MATH/PHYS 270 or this course, but not both, may be counted towards the major in mathematics.

International and Area Studies

Mr. Dugas (Director)

This program is designed for students who have strong international interests and wish to pursue these interests systematically in their academic studies. The program in international and area studies reflects the College's belief that three kinds of skills and knowledge are essential for international understanding. The first of these is the ability to analyze issues that are global—issues that pertain to the interrelationships among the peoples of the world. The second is skill in making explicit, systematic comparisons between dimensions of social or cultural life in two or more societies, as well as acquiring the special kinds of insights resulting from such comparative analysis. The third is in-depth knowledge of a particular area of the world—its geography, history, culture, and/or institutions. These areas may be a nation, a subcontinent, or a continent.

With the proper mix of courses providing global/comparative and area experiences, mastery of a foreign language, study abroad, experiences in international cocurricular activities, the two required IAST courses (for majors), internationally-oriented Career and Professional Development and SIP, students majoring in international and area studies will be well prepared to live in and to make sense of the interdependent system of nations and regions that make up the modern world. They will also have received a solid foundation for graduate study and/or further training for careers in the international sphere.

The program in international and area studies is open to all students.

In addition to meeting formal requirements, majors are urged to consider international Career and Professional Development internships as well as SIPs in consultation with the Career and Professional Development Center.

Requirements for the Major in International and Area Studies

Number of Units

Ten units are required, not including language courses or the SIP.

Required Core Courses

Any History course in an area different from the student's area of geographic study
ANSO 103 Introduction to Culture and Society
ECON 101 Principles of Economics or POLS 375 International Political Economy
IAST 290 Sophomore Seminar
IAST 490 Senior Seminar
POLS 106 Introduction to Comparative Politics or POLS 107 Introduction to International Politics

Other Requirements

1. Area-specific courses: Four (4) courses from at least two different disciplines focusing on a specific area or region (see lists of acceptable courses in each geographic area below). Prior to going on study abroad, an IAS major must pass two courses in her/his area of geographical specialization (in addition to foreign language courses).
2. Foreign Language proficiency: Proficiency in a foreign language appropriate to the student's geographical area of study at a level equivalent to five (5) units, typically two (2) courses beyond the intermediate level. Literature courses may also count as area-specific courses. This must be a modern spoken language. (This does not preclude a student's also studying an ancient language).
3. Study abroad: IAS majors must complete a long-term (6 month) or extended-term (9 month) study abroad program in their geographical area of study. Long-term participants may apply one course and extended-term participants may apply two courses toward the major.
4. Cognate Minor or Major: IAS majors must have a minor or second major in one of the disciplines recognized by the departments of the College. Students may double count courses toward the fulfillment of a cognate minor or toward a second major.
5. Comprehensive examinations: The written comprehensive examination for the major in international and area studies will include questions drawn from global and comparative courses and the area of geographical emphasis. Students will be expected to demonstrate an ability to integrate their experiences with a global perspective and to bring a multidisciplinary approach to the analysis and discussion of international and area issues and problems.

Potential majors should consult with the director early in their college careers to assure proper program planning and to obtain a list of appropriate courses.

Students are strongly encouraged to pursue a SIP that incorporates an international and/or area studies dimension.

In order to qualify for honors in the major, an IAS student must meet two of the following three criteria: a minimum of 3.5 GPA in IAS courses (excluding foreign language courses); honors in the senior comprehensive examination; honors on an IAS-related SIP.

Geographical Area of Study

Four units from at least two (2) different departments are required. One (1) of these four courses may be taken while on study abroad;

however, the student must supply a syllabus and other detailed information about the content of that course to the IAS program director, who will then determine whether or not it may count.

African Studies

AFST/HIST 104 Introduction to African Studies
AFST/POLS 248 Politics of Sub-Saharan Africa
AFST/HIST 272 Gender Relations in Africa
AFST/HIST 273 Africa and the Atlantic Slave Trade
AFST/HIST/RELG 274 Islam in Africa
AFST/HIST 276 Civilizations of Africa
AFST/HIST 277 Contemporary Africa
AFST/HIST 279 Special Topics in African History
AFST/ANSO 290 Africa in the Context of Globalization
ENGL 221 African Literature
FREN 435 Advanced Literary and Cultural Studies (when the topic is African literature)

East Asian Studies

Students may wish to concentrate their area courses around one country, but are not required to do so.

Required Courses:

HIST 103 Introduction to East Asian Civilizations

Additional Electives:

CHIN 225 Traditional Chinese Literature in Translation
CHIN 235 Modern Chinese Literature in Translation
CHIN 245 Chinese Film: the Turn to Tradition
CHIN 315 Modern Chinese Literature (in Translation) and Films
CHIN 325 Literature of Contemporary Chinese Women Writers (in Translation)
CHIN 335 Contemporary Chinese Literature (in Translation) and Films
CHIN 490 Invention of Chinese Tradition
HIST 280 Modern China
HIST 282 Early China
HIST 283 Occupiers/Occupied in Post-World War II East Asia
HIST 285 Modern Japan
HIST 288 Sports in East Asia
HIST 289 Special Topics in East Asian History
HIST 397 Seminar in East Asian History
JAPN 235 Japanese Literature in Translation
JAPN 236 Pre-Modern Japanese Literature
JAPN 237 Japanese Literature in Translation: Tokugawa (Early Modern)
JAPN 238 Post-war Japanese Literature in Translation
JAPN 239 Modern Japanese Literature in Translation
JAPN 240 Japanese Culture Through Film
JAPN 242 Contested History
JAPN 245 Japanese Language in Society
JAPN 301 High Intermediate Japanese
POLS 250 Government and Politics of China
RELG 373 Buddhism in East Asia
THEA 290 Asian Theatre

Latin American Studies

ANSO 234 Latin America in Global Context
POLS 245 Politics of Latin America
RELG 278 Religions of Latin America
SPAN 401 Topics in Hispanic Culture (when the topic is Latin America)
SPAN 435 Advanced Literary Studies (when topic is Spanish-American literature)
SPAN 455 Limits of Genre: Latin America
SPAN 475 Spanish-American Literature I
SPAN 480 Spanish-American Literature II
SPAN 485 Contemporary Spanish-American Literature
SPAN 492 Spanish-American Seminar

Western European Studies

Given the richness of the College curriculum related to modern Europe, the requirements for European area studies are somewhat more specific than are those for other areas. In particular, students must choose two courses (from different departments) that deal with modern Europe and two courses that relate to a specific nation.

Modern Europe

Two units from different departments.
ANSO 345 Theories of Society and Culture
ARTX 150 Introduction to History of Art III
ARTX 223 19th-Century Art

HIST 237 Women in European Society
HIST 250 Revolution, Industry, and Imperialism: Europe in the 19th Century
HIST 255 Contemporary Europe
HIST 394 Seminar in Modern European History
MUSC 330 Western Music in the Classic and Romantic Eras
MUSC 335 Western Music in the 20th Century
PHIL 109 Existentialism and Film
PHIL 207 18th-Century Philosophy
PHIL 208 19th-Century Philosophy
POLS 210 Comparative Political Institutions: Social Europe
POLS 270 The European Union: Institutions, Actors, Aliens, and Outcomes
POLS 330 The Politics of the Holocaust
THEA 280 The Theatre of Revolt: Modernism and Post-Modernism in Western Theatre

British Studies

ENGL 265, 266, 267, 268 (British Literature), 435 (when the topic is British literature)
HIST 241 Britain and the British Empire: 1688 to the Present

French Studies

ARTX 223 19th-Century Art
FREN 301 (when the topic is French literature), 401 (when the topic is French culture), 435 (when the topic is French literature), 450, 490 (French literature)
HIST 244 French Revolution and Napoleon
HIST 245 History of France: 1815 to the Present

German Studies

GERM 301, 410, 411, 412, 420, 421, 423, 430, 490 (German literature and cinema)
GERM 470 Contemporary German Culture
HIST 246 Germany and Central Europe in the 19th Century
HIST 247 History of Germany and Central Europe: 1890 to the Present

Spanish Studies

SPAN 401 (when the topic is Spanish culture), 495 (when the topic is Spanish literature)
SPAN 460, 465, 470, 491 (Spanish literature)

International and Area Studies courses

IAST 290 Sophomore Seminar The sophomore seminar in international and area studies is intended to provide an opportunity for IAST majors to bring their skill in comparative study and their knowledge of a specific area of the globe together around a common theme. Students will compare the regional and area similarities and differences with regard to the topic of the seminar as well as develop increased expertise in their area of focus through exploration of the seminar topic's ramifications in that region. Upcoming topics -- Spring 2011: Human Rights Issues that Affect Children; Winter 2012: Capitalisms and Socialisms. Prerequisite: IAST majors with Sophomore standing.

IAST 490 Senior Seminar Consideration of issues and problems affecting the global whole and the various geographical areas of the world through focusing on a broad topic or theme; emphasis on discussion of the topic and problems from a broadly interdisciplinary perspective. Specific topics will change from year to year. Possible topics: hunger, war, the environment, international relations, population and migration, human geography and ecology, race and class, religious fundamentalism, the literature of women, and the literature of war. Upcoming topics -- Spring 2011: Migration; Spring 2012: National Identity.

IAST 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum & Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Japanese

M.s. Bundy, M.s. Sugimori

Requirements for the Minor in Japanese

Number of Units

Six units are required.

Required Courses

JAPN 103 Beginning Japanese III, or its approved equivalent.

Three more Kalamazoo College units (or their equivalent) of upper-level Japanese language courses through at least the JAPN 203 level. These may comprise JAPN 201, 202, 203; equivalent units earned during study abroad; or other approved alternatives. Students who earn these credits off-campus will be asked to demonstrate mastery at the 203 level before receiving credit for the minor. One Japanese literature in translation course, taken on campus (JAPN 235-239). One other Japanese studies course (may include an approved course taken during study abroad).

Japanese courses

JAPN 101 Beginning Japanese I Introductory course; basic grammar and vocabulary; emphasis on listening and oral foundations;

reading and writing skills limited to hiragana and katakana. Students are encouraged to begin this course sequence in their first year in order to complete the three-quarter sequence (JAPN 101, 102, 103) required for study abroad, as well as the second year sequence (JAPN 201, 202, 203) before study abroad.

JAPN 102 Beginning Japanese II Further introduction to basic grammar and vocabulary; development of fundamental reading and writing skills using hiragana, katakana, and approximately 50 kanji. Prerequisite: JAPN-101

JAPN 103 Beginning Japanese III Reinforcement of basic listening and development of oral and aural competency; further achievement of reading and writing skills using the kana and approximately 100 kanji. Prerequisite: JAPN-102

JAPN 200 Special Language Studies A half-credit course designed to augment and extend the regularly offered language sequence. Advanced students may have the option of enrolling in a JAPN 200 course to maintain their Japanese after study abroad. JAPN 200 meets only half the hours of a full credit course. Students must enroll in JAPN 200 twice in order to receive one unit of credit. Will not replace any regular language course already on the curriculum. Prerequisite: Permission of program chair.

JAPN 201 Intermediate Japanese I Further work in conversation, oral interpretation, and elementary composition using approximately 200 kanji; study of idioms fundamental to an active use of spoken and written Japanese. Prerequisite: JAPN-103

JAPN 202 Intermediate Japanese II Further refinement in areas studied in JAPN 201. Prerequisite: JAPN-201

JAPN 203 Intermediate Japanese III Further refinement in areas studied in JAPN 202. Prerequisite: JAPN-202

JAPN 235 Topics in Japanese Literature in Translation An introduction to the genres, forms, and themes of Japanese literature from earliest times to the contemporary. Will involve close reading and investigation of the problems of critical literary analysis in a culture significantly different from the Western or other literary traditions with which students are familiar. Effort will be made to examine the writings of both male and female authors. Topic and period will vary according to quarter. Given in English. May be repeated when topic is different.

JAPN 236 Pre-Modern Japanese Literature This course deals with literature produced in the Japanese court in the Japanese language between the ninth and fourteenth century and will focus on the of the women's tradition of the court. Japan is the only nation in the world whose early canonical works of prose literature in the vernacular are consistently and overwhelmingly by women. This course will examine several major texts of that early tradition, the second of which, "Tale of Genji", is the earliest piece of long prose fiction in the world. We will be analyzing the various texts in relation to such questions as the following: What sorts of social/cultural circumstances supported the flowering of a woman's literary tradition? What have been the themes of their writings? What role did these texts serve in the lives/consciousness of their predominately female audience?

JAPN 237 Japanese Literature in Translation: Tokugawa (Early Modern) The Tokugawa period in Japan spanned roughly two hundred fifty years (1603-1867). The central ideology of the state was a combination of Confucianism, a philosophy imported from China, and what came to be called bushidō (the way of the warrior), both of which stressed hierarchical social relationships, loyalty, and honor. With a few exceptions, however, the Tokugawa period was one of peace in which the skills of a warrior were seldom called upon. It saw the urbanization of a number of major cities in Japan, chief among them Edo, Osaka, and Sakai, and along with that urbanization the growth of a money-based economy and an urban, commoner culture. Much of the literature discloses these twin spirits and their conflict. In this course our readings will focus on several genres and authors: the plays of Chikamatsu Monzaemon, the prose works of Ihara Saikaku, and the poetry of Bashō.

JAPN 238 Post-War Japanese Literature in Translation Japan's defeat in WWII in 1945 forced the Japanese people to re-examine radically their value systems and social structures to search anew for self-identities. It also ushered in a modern society in which earlier aesthetic and communal values may have little place and in which many intellectuals feel a fundamental alienation. In this course, we will read works by three major Japanese writers of the post-war period: Dozai Osamu, Mishima Yukio, and Nobel-prize winner Kenzaburō. We will address such issues as the loss of values, both personal and cultural in post-war Japan, responsibilities for the war, etc. Attention will also be given to the authors' experimentations in style and narrative format, which distinguish their works both from traditional Japanese as well as Western fiction.

JAPN 239 Modern Japanese Literature in Translation This course will examine a number of Japanese authors, from the late 19th century through the early 20th century, who have addressed the cultural and psychic disease that resulted from Japan's encounter with the West and transformation of Japan into a modern, nationalistic state. Authors read will include: Natsume Soseki, Mori Ogai, Higuchi Ichiyo, and Tazaki Jun'ichiro.

JAPN 240 Japanese Culture through Film This course will examine Japanese culture through film. Films are cultural artifacts and so may display the influence of long-standing aesthetic conventions in their structuring, choice of story, and tone. In addition, films are an important way in which their makers and audience can consciously frame questions about their own society and history. In this course, we will experience and analyze a series of films, mostly post-World War II productions, as social commentary and as examinations of Japanese history and politics. Although the course is organized by topic, effort will also be made to view films by the major directors of post-war Japan: Mizoguchi, Ozu, Kurosawa, Imamura, Itami, Kitano, Kore-eda. The films we view will all be subtitled in English.

JAPN/SEM 242 Contested History This course will examine the controversies surrounding the bombings of Hiroshima and Nagasaki and the proposed exhibit of the Enola Gay at the Smithsonian fifty years later. Our goal is not to arrive at a definitive judgment on any of these events or sites, whether on political, military, or ethical grounds. Instead, we will interrogate various perspectives, placing them in the context in which they operated and critically analyzing their argumentation. That is, we will look at how memories of the past are deeply implicated in the creation and affirmation both of national and personal myths of significant actions and moral character. By doing so, we will achieve not only a complex view of the events and sites but also how the contest of memories and analyses either shores up or calls into question personal and national identities. This course is a Shared Passages Sophomore Seminar. Students will be asked to provide significant leadership in discussion and the overall conduct of the class.

JAPN 245 Japanese Language in Society This course explores several major aspects of language use associated with Japanese culture and society. The course aims not only at familiarizing students with various aspects of Japanese language with reference to culture and society, but also their developing an appreciation for a different culture. When discussing the inherent interrelationship between language and culture, including the beliefs, values, and social organization, we will focus on the ideas of power, hierarchy, gender, and history. No previous knowledge of Japanese or linguistics is assumed or required. Readings, lectures, and discussion are all in English.

JAPN 301 High Intermediate Japanese Language This course is the first level of the third-year Japanese language sequence, offering more advanced training in the four skills of speaking, listening, reading, and writing. Prerequisite: JAPN-203

JAPN 302 High Intermediate Japanese Language II This course is the second of the third-year Japanese language sequence, offering

more advanced training in the four skills of speaking, listening, reading, and writing. Prerequisite: JAPN-301

JAPN 401 Advanced Japanese This class is an advanced level class. It is expected that students will have a strong base in Japanese grammar and the four language skills of Japanese: reading, writing, listening, and speaking, as well as aspects of Japanese culture and society. Prerequisite: Placement or at least six-month study abroad and permission.

JAPN 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Jewish Studies

Mr. Haus (Director)

The Jewish Studies Concentration at Kalamazoo College seeks to advance the knowledge of the rich history, religion, and culture of the Jewish people. Exploring these subjects enables students of all backgrounds to deepen their understanding of basic human questions. Studying the Jewish experience engages students in important intellectual and ethical issues such as majority/minority relations, identity formation, and the relationship between the religious and the secular. Jewish Studies courses also train students in textual traditions, teaching them to read beyond the page and to consider the broader impact of the written word. As an interdisciplinary field, Jewish Studies provides the opportunity for students to make connections between different areas of the liberal arts.

Outside of the classroom, the Jewish Studies Concentration can act as an academic catalyst for students developing service learning and social justice projects in conjunction with the new Arcus Center and with existing Service Learning programs at the College. In this manner, the Jewish Studies Concentration encourages students to become thoughtful scholars as well as morally aware and socially engaged human beings.

Requirements for the Concentration in Jewish Studies

Number of Units

Six units are required.

Required Course

HIST/RELG 107, Introduction to Jewish Traditions

Electives

5 additional courses from the following list:

HIST/RELG 218, The American Jewish Experience

HIST/RELG 263, Jews in a Changing Europe, 1750-1880

HIST/RELG 264, Jewish Revolutions, 1881-1967

HIST/RELG 265, Zionism: from Idea to State

HIST/RELG 267, Women and Judaism

POLS 330, Politics of the Holocaust

RELG 110, Hebrew Bible

HEBR 101, Beginning Hebrew

HEBR 102, Beginning Hebrew II

HEBR 201, Intermediate Hebrew

Hebrew studies are recommended, but not required, for the concentration.

Study Abroad

Concentrators are encouraged (but not required) to consider Study Abroad programs that will expand their knowledge in Jewish Studies. These include programs at the Hebrew University in Jerusalem and Ben-Gurion University in Be'er Sheva, as well as several European sites. The Israel programs provide opportunities to study Middle Eastern affairs as well as aspects of Jewish culture that complement the course offerings at the College. Students are encouraged to discuss their academic plans with the director in advance of studying abroad, as certain courses may count toward the concentration.

Hebrew Language courses

HEBR 101 Beginning Hebrew An introduction to the Modern Israeli Hebrew language. Learning the Aleph-Bet, with beginning reading, writing and speaking skills emphasized.

HEBR 102 Beginning Hebrew II This course follows Beginning Hebrew I, focusing on the continued development of basic speaking, reading, and writing skills in modern Israeli Hebrew. Prerequisite: HEBR-101

HEBR 201 Intermediate Hebrew This course follows HEBR 102, building on the basics already learned as well as improving vocabulary and verb conjugation skills. Prerequisite: HEBR-102

Mathematics

Mr. Barth, Mr. Fink, Ms. Intermont, Mr. Meshes, Mr. Nordmoe

Mathematics department offerings are designed primarily for students who will use mathematics in such activities as: applied work in industry or government; research in mathematics, statistics, or one of the other mathematical sciences; teaching; or applying mathematics in the physical, computing, or social sciences. In addition, the department offers general education courses for those students who desire

an understanding of the nature and role of mathematics in modern society.

Advanced Placement

For purposes of course placement and prerequisites, a score of 4 or 5 on the AB calculus exam (or an AB subscore of the BC calculus exam) is regarded as equivalent to successful completion of MATH 112. A score of 4 or 5 on the BC calculus exam is equivalent to MATH 113. A score of 4 or 5 on the statistics exam is equivalent to MATH 260.

Transfer, Dual Enrollment, Study Abroad Credit

Courses taken at other institutions will be awarded credit in mathematics if they meet one of the following criteria:

1. The course is similar in content and rigor to an existing course in the Mathematics department (and there are legitimate reasons why the student is not able to take the class at the College)
2. The course covers some important topic of mathematics not offered at Kalamazoo College. Students are responsible for meeting with the department chair in advance to determine whether a course offered elsewhere will transfer back as a mathematics credit.

Students are responsible for meeting with the department chair in advance to determine whether a course offered elsewhere will transfer back as a mathematics credit.

Requirements for the Major in Mathematics

Number of Units

Eight units of mathematics are required, exclusive of SIP and CS Cognate. Typically up to two units from outside courses (AP, transfer, dual enrollment, or study abroad) may count towards the major or minor in mathematics. Students who wish to apply additional external units toward the major must consult with the department.

Required Courses

MATH 112-113 Calculus I and II or MATH 115 Intermediate Calculus

MATH 214 Calculus III

MATH 240 Linear Algebra and Vectors

MATH 320 Real Analysis I or MATH 330 Abstract Algebra I

One two-term sequence beyond calculus (e.g., Real Analysis I and II, Abstract Algebra I and II, Probability and Mathematical Statistics, Abstract Algebra I and Linear Algebra II)

Required Cognate

One computer science course.

Among the courses we offer, MATH 320 and MATH 330 are at the highest level of abstraction. Before enrolling in one of these courses, students are strongly encouraged to complete MATH 314 or MATH 316.

Mathematics Colloquium Credit

In addition to the requirements stated above, mathematics majors are required to complete the Mathematics Colloquium requirement. See the mathematics department for details.

Comprehensive Exams

Mathematics majors are required to satisfactorily complete the Sophomore Comprehensive exam and the Senior Comprehensive Exam. For students interested in graduate work in one of the mathematical sciences, additional work in MATH 280, 310, 314, 316, 320, 330, 420, 430, and 450 is appropriate. Those with a strong interest in computing should elect the minor in computer science in addition to MATH 300. For those students interested in applied work (mathematical biology, mathematical economics, operations research, etc.), election of MATH 270, 280, 305, 310, 362, 365, 440, and at least two courses in computer science is appropriate. Other departments offer classes that use mathematical ideas: BIOL 112, 426, and 436; CHEM 310 and 410; ECON 305 and 412; PHIL 107; PHYS 340, 400, 410, and 420; and PSYC 390.

Requirements for the Minor in Mathematics

There are four options for the minor in mathematics, each of which requires six units of credit in mathematics. Each of these options requires the "core" courses: Single variable calculus (MATH 112 and MATH 113 or MATH 115), Multivariable Calculus (MATH 214), and Linear Algebra (MATH 240). The other required courses for each option are as follows:

Statistics Option

MATH 362 Probability

MATH 365 Mathematical Statistics

Computational Mathematics Option

MATH 250 Discrete Mathematics or MATH 330 Abstract Algebra I

MATH 300 Automata, Formal Languages, and Computability

Applied Mathematics Option

MATH 280 Differential Equations

MATH 310 Complex and Vector Variables

Pure Mathematics Option

MATH 320 Real Analysis I or MATH 330 Abstract Algebra I

And one other mathematics course from the following list:

MATH 310, MATH 314, MATH 316, MATH 320, MATH 330, MATH 362, or any 400-level course

Study Abroad

Students interested in mathematics are especially encouraged to consider the study abroad program in Budapest. The Budapest program is given in English; no prior knowledge of Hungarian is needed. It offers a number of mathematics courses as well as history, language, and literature courses. Mathematics majors have also studied mathematics in Erlangen, Quito, Perth, Aberdeen, and Lancaster. Early consultation with the department is strongly urged.

Mathematics courses

MATH 105 Quantitative Reasoning and Statistical Analysis An introduction to some of the quantitative techniques used to clarify ordinary experience and to some of the statistical ideas used to shape public policy and human sciences, with emphasis on the concepts involved in producing, organizing, and drawing conclusions from data. Does not count toward the major or minor. Not open to students who already have credit from ANSO212 or any other Mathematics course.

MATH 110 Calculus I with Review, Part 1 MATH 110 and 111 cover in two terms the material covered in Mathematics 112. In addition, topics from precalculus mathematics are reviewed and practiced as needed. Precalculus topics include: algebra and analytic geometry; linear, quadratic, polynomial and rational functions; and trigonometric functions. Enrollment is restricted to those who were advised to take Math 110-111 on the basis of the department's placement examination. The two-term Math 110-111 sequence serves as an alternate prerequisite for all college courses requiring MATH 112.

MATH 111 Calculus I with Review, Part 2 This course continues the study of calculus begun in MATH 110. Review of precalculus mathematics continues as needed. Prerequisite: Take MATH-110

MATH 112 Calculus I Differential calculus of single-variable functions: limits, derivatives, differentiation rules, related rates, optimization. An emphasis on problem solving using the tools of differential calculus with application to the natural and social sciences.

MATH 113 Calculus II Integral calculus of single-variable functions: the fundamental theorem of calculus, techniques of integration, infinite sequences and series. An emphasis on problem solving using the tools of integral calculus with application to the natural and social sciences. Prerequisite: MATH-112

MATH 214 Calculus III Series, vectors in two and three dimensions, and integral and differential calculus of functions of several variables. Prerequisite: MATH-113

MATH 240 Linear Algebra and Vectors Study of vector spaces, matrices, determinants, linear transformations, systems of equations and eigenvalues. Prerequisite: MATH-113

MATH 250 Discrete Mathematics Introduction to formal structures and mathematical reasoning. Graphs, sets, logic, induction, structure of mathematical proof, counting, relations, and algebraic structures. Prerequisite: MATH-112 and one computer science course.

MATH 260 Applied Statistics I Introduction to statistics including methods of data collection and description, correlation and regression, chance, and statistical inference. The course makes extensive use of technology and is designed for students in the behavioral, biological, and social sciences. Does not count towards the major or minor in mathematics.

MATH 261 Biostatistics Introduction to statistics with particular attention to applications in biology and health sciences. Topics include sampling methods, design of experiments, exploratory data analysis, estimation, tests of significance, ANOVA, and correlation and regression analysis. BIOL 112 and 123 highly recommended.

MATH/PHYS 270 Nonlinear Dynamics and Chaos Dynamical systems are mathematical objects used to model phenomena of natural and social phenomena whose state changes over time. Nonlinear dynamical systems are able to show complicated temporal, spatial, and spatiotemporal behavior. They include oscillatory and chaotic behaviors and spatial structures including fractals. Students will learn the basic mathematical concepts and methods used to describe dynamical systems. Applications will cover many scientific disciplines, including physics, chemistry, biology, economics, and other social sciences. Appropriate for Math or Physics Majors. Either MATH 305 or this course, but not both, may be counted towards the major in mathematics.

MATH 280 Differential Equations and Numerical Methods Introduction to key concepts underlying analytical methods for the solution of ordinary differential equations and first-order systems studied together with techniques for constructing approximate numerical solutions. Prerequisite: MATH-214 and MATH-240

MATH/COMP 300 Automata, Formal Languages, and Computability Study of automata as mathematical models of computation; of formal languages, which play a central role in the specification and translation of programming languages; and of the fundamental capabilities and limitations of computers. Prerequisite: MATH-250 or MATH-330, and 1 COMP course

MATH/IDSY 305/PHYS 482 Dynamic Models in Social Science The study of why mathematical and computational methods are important in understanding social phenomena, and how different social phenomena can be described by proper mathematical models. Specifically, applications of the theory of dynamical systems will be presented. Designed for math/science and social science students. Either MATH/PHYS 270 or this course, but not both, may be counted towards the major in mathematics. Prerequisite: MATH-113

MATH 310 Complex and Vector Variables Generalizations of differentiation and integration to spaces of higher dimension: divergence, curl, and the classical integration theorems of multivariable calculus. Introduction to analytic functions of a complex variable, including Laurent series, Cauchy's formula, and conformal mapping.

MATH 314 Topics in Geometry Study of selected topics in geometry including projective planes and affine planes, Euclid's parallel postulate, and hyperbolic geometry. This course will also focus on developing proof writing skills. Prerequisite: MATH-214 and MATH-240

MATH 316 Topics in Number Theory Study of classical number theory including distribution of primes, congruences, the Euler Phi function, and quadratic reciprocity. This course will also focus on developing proof writing skills. Prerequisite: MATH 214 and MATH 240

MATH 318 Point Set Topology An introduction to topological spaces including the study of connectedness, metric spaces, and compactness. This course will also focus on developing proof writing skills.

MATH 320 Real Analysis I Introduction to basic topological concepts in metric spaces followed by rigorous development of classical real analysis including sequences and series of functions, continuity, differentiability, and Riemann-Stieltjes integration. This course is among the most theoretical in our curriculum. Before enrolling, students are strongly encouraged to complete MATH 250, MATH 310, MATH 314, or MATH 316. Prerequisite: MATH-214 and MATH-240

MATH 330 Abstract Algebra I Study of modern abstract algebra including groups, rings, fields, and other algebraic structures together with advanced topics of linear algebra. This course is among the most theoretical in our curriculum. Before enrolling, students are strongly encouraged to complete MATH 250, MATH 310, MATH 314, or MATH 316. Prerequisite: MATH-214 and MATH-240

MATH 360 Applied Statistics II This course uses real data case studies to review descriptive statistics and to explore statistical inference for means, proportions, and transformations; analysis of variance; and regression. Statistical software is used throughout. The course is recommended both for students planning to do graduate coursework in the behavioral, biological, and social sciences and for mathematics majors seeking a comprehensive introduction to statistical methods. Prerequisite: 200-level math course.

MATH 362 Probability Study of mathematical theory of probability. Topics include data analysis, discrete and continuous sample spaces, combinatorial problems, random variables, probability densities and distributions, expected value, moment-generating functions, functions of a random variable, sampling distributions, and the central limit theorem. Prerequisite: MATH-113

MATH 365 Mathematical Statistics Study of statistical inference. Topics include sampling theory, point and interval estimations, hypothesis testing, and regression. Stochastic processes, analysis of variance, simple experimental design, and nonparametric statistics may also be included. Prerequisite: MATH-362

MATH 420 Real Analysis II Continuation of MATH 320. Prerequisite: MATH-320

MATH 430 Abstract Algebra II Continuation of MATH 330. Prerequisite: MATH-330

MATH 440 Linear Algebra II Treatment of topics such as linear equations, orthogonal projections and least squares, pseudoinverses, eigenvalues and eigenvectors, diagonalization, canonical forms of linear transformations, positive definite matrices, the norm of a matrix, linear programming, and game theory. Prerequisite: MATH-240

MATH 450 Topics in Pure and Applied Mathematics Readings in pure and applied mathematics. Content varies from year to year. Possible topics include: set theory, number theory, geometry, topology. Prerequisite: COMP-110 and MATH-250 or MATH-316 or MATH-330

MATH 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Media Studies

Ms. Sinha (Director)

The Media Studies concentration at Kalamazoo College offers an interdisciplinary, liberal arts approach to the study of various kinds of media, including film, television, video, theatre arts and technologies, print and broadcast journalism, photography, popular music, and digital art. The concentration, when catered to students' specific needs and interests, provides an excellent background for media-related pursuits, including graduate school, film school, and a wide variety of production-related jobs.

Requirements for the Concentration in Media Studies

Number of Units

Six are required.

Required Courses

ENGL 153 RTW: Global Cinemas (offered twice yearly, cap of 25) or ENGL 108 Global Media and Visual Culture

Five additional courses, with at least one from each category (ENGL 153 or ENGL 108 will count EITHER toward the required course OR the History/Theory/Criticism category:

History/Theory/Criticism

ARTX 215 History of Photography

ARTX/SEM 214 Framing Differences

ARTX 224 20th Century Art

ENGL 108 Global Media and Visual Culture

ENGL 153 RTW: Global Cinemas

ENGL 260 Studies in Film (various topics, year by year)

ENGL 436 Literary Theory

MUSC 335 Western Music in 20th Century

PHIL 109 Existentialism and Film

SPAN 401 Topics in Hispanic Culture (when the topic is film)

THEA 270 Theatre of Illusionism: Western Theatre History from the Renaissance to Early Film

**Possible other media-based courses, as they are added to the curriculum*

Applied

ARTX 101 Introduction to Documentary Video Production

ARTX 110 Digital Art

ARTX 116/216/316 Photography I, II, or III

ARTX 200 TV Studio Production (1/4 credit)

ARTX 201 Advanced Documentary Video Production
 ARTX 214 Framing Differences
 ENGL 105 Journalism I
 ENGL 207 Arts Journalism
 THEA 120 Fundamentals of Acting
 THEA 210 Stage Lighting
 THEA 255 Playwriting
 THEA 380 Directing
**Possible other media-based courses, as they are added to the curriculum*

International Media

ARTX 215 A History of Photography
 ARTX 145 Introduction to World Art
 CHIN 245 Chinese Film and Culture (taught in English)
 ENGL 208 Food and Travel Writing
 ENGL 264 Global Shakespeares
 GERM 135 Weimar German Cinema (taught in English)
 GERM 420 Introduction to German Cinema (taught in German)
 GERM 421 Classic German Cinema (taught in German)
 GERM 423 Topics In German Cinema
 PHIL 307 Contemporary Continental Philosophy: Zizek & Film
 PHIL 310 Critical Social Theory or PHIL 311 Postmodern Critical Theory
 JAPN 240 Japanese Culture through Film (taught In English)
 SPAN 401 Topics In Hispanic Culture (when the topic Is film)
 THEA 265 First Theatres
 THEA 275 Theatre in the Age of Print
 THEA 280 Theatre of Revolt: Modernism and Postmodernism in Western Theatre

One of two possible core courses of the concentration, Global Media and Visual Culture (ENGL 108) provides historical background information about the origins of popular culture, questions current media trends, and introduces students to methods of critique. The other possible core course RTW: Global Cinemas (ENGL 153) is central because it teaches students to read visual and aural language, to see how beliefs and values (ideology) are implicated in aesthetic decisions, and to realize that Hollywood has given us a way of seeing that is merely one way among many other possibilities.

The remaining five units of the Concentration must be chosen from three categories, with at least one course in each category. Category 1—History/Theory/Criticism—promotes critical analysis of the consumption of media products. Category 2—Applied—teaches students to produce their own media products, and Category 3 considers media in global context. The Concentration is designed to emphasize the importance of both the consumption and production aspects of Media Studies, while allowing individual students to cater the program to their own needs and interests.

**It is likely that media-based courses will be added to the curriculum. These courses, when approved by the director in consultation with the instructor, will be added to the appropriate category.*

Music

Mr. Evans, Mr. Koehler, Ms. Pixley, Ms. Stamatis, Mr. Tung (Chair), Mr. Turner

The music department seeks to cultivate an understanding of the language and history of music and to nurture artistic skill and musicianship. Applied music and an ensemble program are at the center of the curriculum. Performance facilities include a Recital Hall, Stetson Chapel, and Dalton Theatre. The College has an outstanding collection of keyboard instruments (Dowd harpsichord, Schreiner positive organ, and McCobb fortepiano), a reconstructed 1907 Steinway concert grand piano, a Hamburg Steinway concert grand, and a three manual, 65-rank mechanical action organ by Hellmuth Wolff, as well as collections of string, woodwind, brass, and percussion instruments.

Courses in music theory, music history, and practical musicianship combine with applied music to provide an integrated approach to the discipline.

Requirements for the Major in Music

Number of Units

Ten units are required in addition to the prerequisite. AP credit accepted to meet prerequisite only.

Required Courses

Prerequisite: MUSC 105 completed with a grade of C or above. This prerequisite may also be met by examination or AP scores of 4 or 5.

MUSC 130 and 135 Music Theory Sequence
 MUSC 150 and 155 Music History Sequence
 MUSC 148 Music of World Cultures, MUSC 140 American Music or MUSC 165 Jazz: A Creative and Cultural Exploration.
 MUSC 260 Conducting
 MUSC 490 Senior Seminar

Electives

Three elective courses in the student's focus area selected from:

Applied Music
 MUSC 140 American Music
 MUSC 148 Music of World Cultures
 MUSC 161, 162, 163 Instrumental Methods

With few exceptions, transfer courses and coursework completed abroad may not count toward the major or minor. Majors are also required to enroll in at least one Department of Music ensemble during each quarter of residency, demonstrate keyboard proficiency, and complete a senior integrative examination or exercise. Majors who plan advanced music studies in graduate school or who aspire to professional careers are also strongly encouraged to complete their senior individualized project in the department. Although not explicitly required, most majors study applied music each quarter of residency, and those registered for applied music are required to attend appropriate Area Classes and the Applied Music Recital.

Music Majors should seek the counsel of department faculty when planning to incorporate three optional programs available to all students at the College:

1. The Career and Professional Development Cooperative Education & Internship Program. The Department Coordinator compiles a list of past CDs in music-related fields. Additional possibilities can be found in the CD Office and through consultation with individual faculty.
2. Study Abroad. With sufficient advance consultation with music faculty and the CIP office, it is possible to create opportunities to continue music during study abroad. The Department Coordinator also has a large collection of informational brochures from music-oriented foreign study programs sponsored by other institutions.
3. GLCA New York Arts Program. This program operates in conjunction with the Great Lakes Colleges Association staff and faculty in New York City and offers an opportunity for exceptionally qualified student artists to live and work as interns with professional artists. A wide variety of music-related internships are available and continuation of music performance study is also possible. The application process begins early Fall quarter for internships the following Winter quarter. Information is available from the Fine Arts Division Secretary or from campus faculty representative Andrew Koehler.

Cognate Fields: Majors interested in the field of Arts Management are encouraged to explore courses in the other arts and to acquire a background in Economics and Business Administration. Journalism courses are highly recommended. Likewise, majors interested in the fields of music education, music scholarship, music therapy, musical theater, church music, music criticism, etc. should consult with the music department and the appropriate cognate department.

Musical performances on campus should be attended by music majors, including concerts by invited guests, by Music Department Faculty, and by fellow music students.

Requirements for the Minor in Music

Students must also meet with a music department faculty member to discuss the planned focus area of the minor and draft an appropriate course plan.

Number of Units

A minimum of six units in addition to the prerequisite are required for the minor in music. AP credit accepted to meet prerequisite only.

Required Courses

Prerequisite: MUSC 105 completed with a grade of C or above. This prerequisite may also be met by examination or AP score of 4 or 5.

Three units, appropriate to the student's focus area, selected from the following courses. At least one of these units must be MUSC 130, 135, 140, 148, 150, 155, or 165:

MUSC 130, 135 Music Theory Sequence
MUSC 140 American Music
MUSC 148 Music of World Cultures
MUSC 150, 155 Music History Sequence
MUSC 161, 162, 163 Instrumental Methods
MUSC 165 Jazz: A Creative and Cultural Exploration
MUSC 260 Conducting
MUSC 465 Music Education Seminar
MUSC 490 Senior Seminar

With few exceptions, transfer courses and coursework completed abroad may not count toward the major or minor. The three remaining units of the minor may include applied and ensemble credits and should be focused in a clearly defined area of concentration. Students who wish to combine different ensembles to complete a unit toward the minor must seek department approval.

Music courses

MUSC 100 Program Music: Stories in Sound Program music is instrumental music influenced by an extra-musical source. In other words, the music contains a "program" or story. The program can be drawn from any source, but is usually taken from literature, myths, legends, landscapes, paintings, or personal dramas. Therefore, in addition to studying the music, this course will examine the extra-musical influences associated with the music. To further enhance your understanding and appreciation of this genre, you will produce four programmatic works of your own by creating Powerpoint presentations using music and images in support of an original story or borrowed program. No prior training or experience in music is assumed or necessary. The cultivation of intelligent and perceptive responses to programmatic music will be the primary focus as we explore the many aspects of this genre, be they cultural, mechanical, or expressive.

MUSC 105 Introduction to Music Study of the language, power, and communicative properties of music in the Western tradition. Selected works, both popular and classical and ranging in time from the Middle Ages to the present, will be listened to and discussed with an emphasis on their musical style and cultural-social context. Students will also acquire basic skills in music literacy, theory, and aural comprehension. Class activities will include guest performances, concert attendance (on and off campus), and behind-the-scenes looks at

what goes into making music. Aural comprehension will be reinforced in a required lab, meeting for one hour a week, time to be arranged. Students considering a major in Music should enroll in MUSC 105 in either the freshman or sophomore fall quarter.

MUSC 130 Western Music Theory and Analysis I Building upon the skills acquired in MUSC 105, students use two voice counterpoint as a gateway to fluency in writing complete four-part phrases in tonal harmony. They will discover how these principles of voice-leading and harmonic grammar form the foundation of historic and contemporary musical styles. Aural comprehension skills are acquired from the concurrent lab for the course. Prerequisite: MUSC-105

MUSC 135 Western Music Theory and Analysis II Building upon the skills acquired in MUSC 170, students will study techniques of modulation, as well as expressive and coloristic devices leading to late 19th century chromaticism, leading into 20th century practices. These elements will be part of further study of popular and art song form, theme and variations, rondo and sonata. Class meetings will include both lecture and workshops. Coordinated aural comprehension skills are acquired from the concurrent lab for this course. Prerequisite: MUSC-130

MUSC 140 American Music Survey of music in America from the pilgrims to the present, including music from the cultivated (classical) and vernacular (popular) traditions. Topics include music of Native Americans, psalmody and hymnody, the Sacred Harp tradition, Yankee tunesmiths, African-American music, Civil War songs, the development of the symphony orchestra and other aspects of the classical tradition, the Second New England School, Tin Pan Alley, the American musical, jazz, blues, ragtime, the American avant-garde, minimalism, and more.

MUSC 148 Music of World Cultures Study of music of various cultures within their social contexts. The course includes folk, traditional, classical, and popular music from selected traditions in Africa, India, Asia, Europe, and the Americas. It presents music as an evolving process and the performance of music as an expression of individual and cultural identity. Using readings, discussions, guest lectures and performances, CDs, and films, the course provides a framework for comparison of musical cultures from different parts of the world.

MUSC 150 Western Music Before 1750 Study of the developments in musical style from the Middle Ages through the Baroque including sacred and secular music of Italy, Germany, France, England, and the Netherlands. Representative works from all topics will be presented in their stylistic and cultural contexts. Basic music-reading and theory skills are expected.

MUSC 155 Western Art Music After 1750 An historical and textual survey of the music produced during the Classical, Romantic and Modern eras. Representative works--among the topics considered will be Lied, Opera, Symphony, Programmatic Music, Atonal and Serial Music--will be presented in their stylistic and cultural contexts. Basic music-reading and theory skills are expected. Prerequisite: MUSC-105

MUSC 161 Instrumental Music Methods: Brass Basic techniques of playing orchestra and band instruments; emphasis on understanding the principles and problems of playing brass.

MUSC 162 Instrumental Music Methods: Woodwinds Basic techniques of playing orchestra and band instruments; emphasis on understanding the principles and problems of playing woodwinds.

MUSC 163 Instrumental Music Methods: Strings Basic techniques of playing the four orchestral stringed instruments.

MUSC 165 Jazz: A Creative and Cultural Exploration This course is intended to introduce students to the cultural context, instrumentation, theory, form, and analysis of jazz from its early West African roots to contemporary times. Emphasis will be placed on listening to various artists and styles.

MUSC 205/SEMN 256 Music and Identity Music serves multiple roles: a force for social transformation, a flag of resistance, a proclamation of cultural identity, a catalyst for expressing emotion, an avenue to experiencing the sacred. Students will look at identity through the lens of contemporary and traditional American music and will consider how race, ethnicity, age, gender, national identity, and other factors express themselves in and are shaped by music. The ability to read music is not required; a love of music and an interest in American culture are essential. This course is a Shared Passages Sophomore Seminar.

MUSC 260 Conducting A study of the general rudiments of ensemble conducting through an emphasis on the orchestral literature. After an introduction to critical score-reading concepts (analysis skills, transposition, special terms, historical background), the remainder of the course is dedicated to practical application, with students receiving weekly podium time in front of a small laboratory ensemble. Offered Spring quarter, even years. Prerequisite: MUSC-105 or permission

MUSC 465 Music Education Seminar An examination of the philosophy, methods, and materials for teaching instrumental, vocal, and general music, K-12. The course is designed to prepare students for successful careers in music education. Topics include rehearsal techniques, budgeting time and money, classroom methods and management, developing and maintaining an inventory, recruitment strategies, library acquisition and management, and networking skills. As part of the course of study, each student will be assigned to a large ensemble to serve as an assistant to the director. Prerequisite: Junior or senior standing

MUSC 490 Senior Seminar Upper-division course whose objective is to encourage integration and discovery of relationships between such areas as academics, performance, career development, the SIP, and careers in music. Research and analysis skills will be connected to contemporary issues in musical life, themes in music history, and alternative perspectives in style analysis. Prerequisite: Permission

MUSC 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum & Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

About Music Ensembles

All students at Kalamazoo College may participate in ensembles. Meeting twice a week for periods of an hour and a half, ensembles do not conflict with the regular course schedule. Credit can be given only to those students who actively participate in concert performances of that ensemble. Although no more than 2/5 unit can be given in any one quarter, a student may participate in more than two ensembles with the permission of the department. A student may earn up to 5 units in Music Ensembles and Applied Music combined.

Music Ensembles

MUSC 200A College Singers Major choral organization on campus emphasizing diverse repertoire and varied performance experiences,

including a major performance each quarter. Prerequisite: Vocal evaluation

MUSC 200B Chamber Choir Participation by advanced choral singers with good sight-reading and ensemble skills; varied choral experiences. Prerequisite: Audition

MUSC 200C Bach Festival Chorus Participation in the annual College Festival in conjunction with the Kalamazoo community. Prerequisite: Vocal evaluation

MUSC 200D Symphonic Band Major band organization emphasizing a variety of music for brass, woodwinds, and percussion; ability to play a band instrument required. Previous band experience expected. Prerequisite: Audition

MUSC 200E Chamber Music Ad hoc instrumental and/or vocal ensembles arranged with the music faculty.

MUSC 200F International Percussion Ensemble Performance and study of International percussion traditions from around the world. Students may choose to participate in West African drumming, Japanese Taiko, South Indian classical drumming (mridangam), Caribbean steel "pan" drumming, or marimba ensemble. One college concert is presented each quarter.

MUSC 200G Jazz Band Performance of standard and contemporary jazz arrangements for band and/or small combo; music reading required, but no previous improvisational or jazz band experience needed. Prerequisite: Audition

MUSC 200H Kalamazoo Philharmonnia A full symphonic orchestra that rehearses once weekly and performs at least one full program each quarter. Registered students also are required to participate in small chamber ensembles, which put on a separate performance each quarter. Proficient string, wind, brass, and percussion players are invited to audition; previous experience is preferred. Prerequisite: Audition

MUSC 200I Jazz Ensemble For the inquisitive musician who desires to learn the why and how of jazz improvisation, theory, and composition, juxtaposed with intimate jazz ensemble playing with emphasis on improvisation.

MUSC 200J Accompanying Performance opportunities open to advanced keyboardists by audition.

About Applied Music

Professional musicians and teachers from the community join with the regular faculty of Kalamazoo College to staff this facet of the music program. As many as 20 additional faculty members teach individual instruments and voice, offering a wide range of opportunities to all students.

Applied music study facilitates technical command, interpretive insight, and understanding of pedagogical procedures. The courses stress development of ability to perform with competence and musical understanding, while providing a comprehensive background in music of various periods, styles, and composers. At the end of each quarter, every student taking applied music must play a hearing before a group of music faculty members. Attendance in two performance area classes per quarter is required of all music majors as part of their applied music study and is expected of all students enrolled in applied music.

Applied music is credited in the same manner as the ensembles: 1/5 unit is earned for each quarter of participation. Upon the recommendation of the instructor, very advanced students may complete a full unit in the third or fourth quarter of study by presenting a recital. A student may earn up to 5 units in Music Ensembles and Applied Music combined.

An extra fee is charged for applied music instruction.

Applied Music courses

MUSC 210 Guitar Fundamentals

MUSC 214 Recording Technology

MUSC 221 Composition

MUSC 222 Piano

MUSC 222J Jazz Piano

MUSC 222S Piano-Service Learning

MUSC 223 Harpsichord

MUSC 224 Harp

MUSC 225 Organ

MUSC 226 Keyboard Accompanying

MUSC 230 Voice

MUSC 240 Violin, Viola

MUSC 240A Advanced Violin

MUSC 241 Cello

MUSC 242 String Bass

MUSC 243 Classical Guitar

MUSC 245 Jazz Guitar

MUSC 246 Jazz Arranging and Composition

MUSC 250 Clarinet

MUSC 252 Flute

MUSC 253 Oboe

MUSC 254 Bassoon

MUSC 255 Saxophone
MUSC 261 Advanced Conducting
MUSC 270 Trumpet
MUSC 271 Trombone and Baritone
MUSC 272 French Horn
MUSC 273 Tuba
MUSC 274 Euphonium
MUSC 280 Percussion

Neuroscience

Mr. Batsell, Mr. Érdi, Mr. Moore (co-directors)

Neuroscience, an academic discipline concerned with investigation of nervous system structure and function, has been a cornerstone of biology since the turn of the 20th century. Modern biological examination of the brain and behavior of organisms has incorporated other fields of inquiry, namely biochemistry, psychology, physics, mathematics, computational modeling, and philosophy, making neuroscience a truly interdisciplinary effort. A concentration in neuroscience is offered for advanced students who want to study at the confluence of these traditional disciplines.

The Concentration in Neuroscience

Number of Units

Nine

Required Courses

BIOL 246 Cell and Molecular Biology with Lab*
BIOL 350 Neurobiology with Lab
PSYC 101 General Psychology
PSYC 425 Physiological Psychology
PHYS 215 Introduction to Complex Systems
COMP/PSYC 265 Cognitive Science
Additional Courses: Any three from the following list:
BIOL 484 Topics in Biology: Molecular Basis for Nervous Systems Disorders
COMP/PSYC 415 Computational Neuroscience
PSYC 280 Cognition
PSYC 420 Learning
PHIL 107 Logic and Reasoning
PHIL 308 Metaphysics and Mind
COMP 480 Special Topics: TBA
PHYS 210 Nuclear and Medical Physics

Up to two of the three additional course units may be fulfilled by transfer credit from the Budapest Semester in Cognitive Science.

Concentrators in neuroscience must pass the 9 units with a C- or better. Note that courses taken for fulfillment of major requirements may "double count" towards the concentration (for example, BIOL 246 can "double count" for the biology major AND the neuroscience concentration).

* *BIOL 246 may be taken with special instructor permission or by successful completion of course prerequisites.*

Philosophy

Mr. Latiolais (Chair), Mr. Cherem

What is Philosophy?

Philosophy is a historically evolving, self-reflective inquiry into the fundamental questions that humans confront in making sense of their lives. It examines essential features of the human condition—e.g., morality, knowledge, nature, society, happiness, justice, beauty, selfhood, and friendship – in the search for knowledge that both preserves and transforms enduring dimensions of human self-understanding. Philosophy emerges in the Western tradition as a rational, systematic, and self-critical inquiry committed to grounding its own claim to knowledge. Contemporary philosophy continues to examine the fundamental principles that guide our thought and action, our pursuit of knowledge, and our desire to live well. Because philosophy adopts a radically self-critical orientation to its own historical formation, philosophers often disagree profoundly about what philosophy is and how it differs from other disciplines. Such disagreements – openly, critically, and vigorously deliberated – are vital to the type of radical questioning that characterizes philosophy.

Philosophy challenges students to (1) reflect upon naively lived patterns of thought, action, speech, and perception; (2) identify how practices, institutions, and perceptions are shaped by philosophical traditions; (3) critically examine and assess the fundamental assumptions that inform such human enterprises; and (4) conduct this inquiry in the spirit of open critical communication committed to mutual understanding and respect for difference. Students learn the basic skills of identifying and analyzing arguments, and the department actively fosters an environment committed to the vigorous, respectful exchange of ideas to protect both commonalities and differences. Philosophy also cultivates ethical responsibility by balancing (1) the articulation, justification, and application of normative principles with (2) the deepening of moral imagination and sensibility.

Curriculum

The department offers seven historical courses that represent important periods and traditions of Western philosophy: Ancient, Early Modern, 18th Century, 19th Century, Existentialism, Critical Social Theory, and Postmodern Critical Theory. These historical courses reconstruct the debates, issues, concerns, questions, and concepts that define a historical period from within. They also offer linkages among historical periods, allowing students to appreciate the larger, "paradigmatic" shifts in Western philosophy. Students gain an awareness of how canonical philosophers characteristically address their own historical precedents and shape their views in critical dialogue with predecessors. Students are required to engage in close textual interpretation and careful critical evaluation of original texts. Instructors identify contemporary advocates for, or illustrations of, traditional schools of thought and, in this way, underscore the real historical effects of philosophical creativity. Students write detailed, textually supported expository and argumentative essays that are graded for their balance between interpretive charity and critical acuity. Emphasis is placed upon cultivating a student's ability to first reconstruct the historical debates among canonical philosophers and to then critically evaluate their bearing upon contemporary concerns. Many of the Philosophy Department's history courses have interdisciplinary units of instruction that link historical debates to contemporary research programs within the natural and social sciences.

The department also offers courses in the classic subfields of philosophy: epistemology, logic, ethics, metaphysics, and aesthetics. These courses explicate the fundamental conceptual tools we need to systematically address particular types of contemporary issues:

- How do we know? (*Theories of Knowledge*).
- What ought we to do? (*Ethics*).
- What is beauty? (*Philosophy of Art*).
- What is good reasoning? (*Logic and Reasoning*).
- What is? (*Metaphysics and Mind*).

In these courses, students are asked to identify, reflect upon, and exercise the key concepts, theories, and viewpoints that allow us to competently address ethical, epistemological, logical, and metaphysical issues. Subfield courses cultivate a student's ability to systematically, self-consciously, and flexibly manage a repertoire of conceptual tools to discern, analyze, and deliberate about contemporary problems. By gaining a sensitivity for different ways of perceiving and thinking about a single issue, students develop an appreciation for the complexity of actual problem solving.

The department also offers specialized subfield courses under the following three categories:

- Applied Ethics (*Ecological Philosophy, Biomedical Ethics, Philosophy of Law, and The Just Society*).
- Applied Epistemology (*Philosophy of Science and Philosophy of the Social Sciences*).
- Linguistics (*Philosophy of Language and Philosophy & Literature*).

In these courses, emphasis is placed upon genuine problem solving in contemporary circumstances. The applied ethics courses introduce students to the systematic analysis of contemporary problems encountered in jurisprudence, political legitimation, healthcare practices, and environmental stewardship. Students learn to unravel the factual, conceptual, and normative threads interwoven in current crises. They also develop the ability to reflectively manage different theoretical perspectives upon a single, multifaceted problem. The applied epistemology courses examine fundamental questions concerning the logic and practices of the natural and social sciences. The philosophical linguistics courses analyze language competencies (semantics and pragmatics) and literary discourse (narratology).

Outcomes

The philosophy program is committed to five overarching outcomes for students in our classes and in our major:

1. Knowledge: Gain appropriate breadth and depth of knowledge of the major traditions, figures, issues, and theories studied.
2. Skills:
 1. Write in a style appropriate to scholarly philosophy;
 2. Think clearly, rigorously, and logically about conflicting philosophical points of view;
 3. Engage in open, critical, cooperative discussion and interrogation;
 4. Cultivate philosophical impulses and insights and reflectively employ philosophical techniques;
 5. Comprehend, accurately represent, and originally construct arguments in the philosophical style;
 6. Conduct independent philosophical research;
 7. Present independent research in a professional setting.
3. Integration:
 1. Connect philosophical learning to other learning abilities, career goals, daily life, and roles in the world;
 2. Deepen a shared commitment to critical self-reflection as a fundamental dimension of living well.
4. Preparation:
 1. Thrive in selected post-graduate studies;
 2. Address vocational challenges by mobilizing critical thinking, writing, and verbal skills;
 3. Confront personal challenges with an awareness of philosophical resources.
5. Attitude: Gain a "philosophical sense" of curiosity, a willingness to engage in "meta-level" thinking, a determination to understand complex issues, and a cooperative and constructive spirit in critical deliberation with others.

Preparation

Philosophy is a sound choice for those seeking a broad liberal arts undergraduate education and for those who value the skills and outlook imparted by studying the discipline. The major program prepares students for graduate studies in philosophy, law, social policy, and political theory, to name just a few areas of formal specialization. Students preparing for graduate studies in philosophy are strongly advised to follow a more structured majors program with additional course recommendations.

Transfer and Study Abroad Credit

The Philosophy Department's transfer policies are as follows. All transfer courses in Philosophy must be approved by the Philosophy faculty upon consideration of a course catalog description and a syllabus for the course (to be provided by the student). If the course is taken during a student's enrollment at Kalamazoo College (for instance, on study abroad or during the summer), the approval must be obtained before the course is taken. In addition, the Department will consider only courses taught by instructors with a Ph.D. in Philosophy, or who are "ABD" (all but dissertation) in Philosophy.

Requirements for the Major in Philosophy

Number of Units

Eight units are required, which may include the SIP.

Required Courses

PHIL 107 Logic and Reasoning

PHIL 208 19TH Century Philosophy

PHIL 490 Philosophy Seminar

Three student-chosen electives

Two of the following History or Traditions Courses:

PHIL 109 Existentialism and Film

PHIL 205 Ancient Philosophy

PHIL 206 Early Modern Philosophy

PHIL 207 18th-Century Philosophy

PHIL 310 Critical Social Theory: The Dialectic of Enlightenment

PHIL 311 Postmodern Critical Theory

Majors Preparing for Graduate Studies in Philosophy are Strongly Recommended to pursue the following programs

Number of Units

Ten units are required, which may include the SIP.

Required Courses

PHIL 107 Logic and Reasoning

PHIL 208 19th Century Philosophy

Core History Sequence:

PHIL 109 Existentialism and Film

PHIL 205 Ancient Philosophy

PHIL 206 Early Modern Philosophy

PHIL 207 18th-Century Philosophy

PHIL 490 Philosophy Seminar

Three or four Electives chosen in close consultation with Department

Requirements for the Minor in Philosophy

Number of Units

Six units are required.

Required Courses

PHIL 105 Ethics

Two historical or "traditions" courses

(See list under Required Courses for the Major in Philosophy)

Three electives chosen in consultation with the department. We also recommend either supervisory or advisory involvement with the SIP.

A SIP in Philosophy does not count toward minor requirements .

Philosophy courses

PHIL 105 Ethics Introduction to the fundamental concepts and problems in ethical theory and to skills for applying moral thinking for oneself. What makes an act, or a person, morally good? What reasons do we have for our answers to such questions? What do we mean by the terms "right" and "good"? Why be moral? How do things like intentions, results, emotions, and rights fit into what is ethically good? This course is about ethical theory and "meta-theory," and thus concentrates on abstract issues about the nature of ethics and ethical concepts. Classical and contemporary views such as relativism, utilitarianism, deontology, and feminist ethics will be explored. Excerpts from literature and non-academic writing, such as Golding's "Lord of the Flies" and King's "I Have a Dream," will illustrate and test theoretical concepts studied.

PHIL 106 Theories of Knowledge An introduction to Western philosophical issues concerning the nature, origins, limits, and justification of knowledge. What's interesting about distinguishing good from bad beliefs, or successful from unsuccessful thinking? How do we know what we know and don't know, and should this concern us? What if nothing you believe is really true? How much knowledge or justification can sources of belief like memory and testimony give us? We will explore issues and theories including skepticism, induction, and internalism and externalism. The readings for this course will consist mostly of primary scholarly articles by contemporary philosophers. Students will be expected to distinguish different legitimate stances on the topics we'll cover, compare and contrast the arguments and principles underlying them, and defend through careful argument their choices of the most reasonable positions and views. Recommended for psychology students.

PHIL 107 Logic and Reasoning An introduction to methods for evaluating the validity and strength of reasoning. The course will

investigate (1) the theory and practice of constructing and analyzing arguments as they occur in ordinary, informal contexts (reasoning), and (2) the concepts and techniques of elementary formal logic: the art of symbolizing English-language statements and arguments in terms of formalized languages and applying logical principles to them. Topics explored include informal fallacies, critical thinking, evaluating evidence, deciding between hypotheses, propositional logic, natural deduction, and predicate logic. Recommended for computer science, psychology, and pre-law students.

PHIL 108 Ecological Philosophy This course investigates the question of our understanding of, and ethical responsibility to, animals, plants, microorganisms, non-living beings, ecosystems, and “nature” as a whole. The first part of the course critically assesses whether traditional ethical theories adequately capture our ethical responsibilities to the environment. The second part surveys traditional Western conceptualizations of nature, reason, body, and space, which ecologists severely criticize as detrimental to developing an ecological ethic. Special emphasis will be placed upon developing a philosophical conception of life (bios) that is appropriate for both evolutionary biology and the development of a normative theory of environmental care. Contemporary positions such as anthropocentrism, deep ecology, radical ecology, ecofeminism, and social environmentalism will be studied. Recommended for environmental studies and biology students.

PHIL 109 Existentialism and Film Survey of key existentialist thinkers, such as Kierkegaard, Nietzsche, Heidegger, De Beauvoir, Merleau-Ponty, and Sartre, with a special emphasis upon their radical ideals of freedom and self-responsibility. Films are shown as depictions of existentialist themes, such as alienation, authenticity, bad faith, despair, passion, anonymity, and anguish. Existentialists oppose traditional, “essentialist,” “teleological,” and “cognitivist” conceptions of human life, and they reject the hierarchical dualities of reason/will, knowledge/choice, mind/body, thought/being. Special emphasis will be placed upon the existentialist analysis of interpersonal relations in contemporary circumstances. Students are required to see seven films in addition to regularly scheduled classes. Discussion-based course with two writing assignments. Recommended for psychology, media studies, and literature students.

PHIL/CLAS 205 Ancient Philosophy A study of ancient views on nature, knowledge, soul, the self, morality, and the good life. This is a history of philosophy course rather than a history course; we will be studying the ideas, arguments, and theories put forth by ancient philosophers, rather than biographical, cultural, anthropological, or historical issues about them or their time period. We will largely be trying to understand what these thinkers were trying to say, and why they thought what they did. In addition, we will be discussing the merits of the various positions and reasons offered. Readings will focus on selections from Plato and Aristotle, but will also include readings from the pre-Socratic and Hellenistic philosophers, all major sources of the Western philosophical tradition. Recommended for classics students. (This is a designated Greek literature or culture course in Classics.)

PHIL 206 Early Modern Philosophy Historical study of the “Early Modern” period in Western philosophy (17th and 18th century). The course will explore the profoundly influential development of rationalist and empiricist approaches to philosophical thinking; topics may include the connection between mind and body, skepticism and the possibility of knowledge, the existence of God, knowledge of the external world, the nature of minds and their ideas, and the proper method of philosophical method. Readings from Descartes, Leibniz, Berkeley, Locke, Hume, and others. Recommended for computer science and psychology students. Sophomore standing recommended.

PHIL 207 18th-Century Philosophy Study of the Enlightenment period through a critical comparison of two of its most famous 18th-century philosophers -- David Hume and Immanuel Kant -- who set the stage for contemporary debates in psychology, cognitive science, and artificial intelligence. Hume proposed to study humans just as Sir Isaac Newton had proposed to study nature: namely, through observation and experimentation. We will study Hume's *A Treatise of Human Nature* as a manifesto for the modern, naturalistic study of human experience and judgment. We will then study Kant's powerful arguments against Hume, examining in close detail Kant's *Critique of Pure Reason*, his demonstration that humans actively synthesize sensory data according to rules that they “spontaneously” impose to make experience possible. The film *Memento*, literary narratives, and studies of Alzheimer patients are used to illustrate the logical and temporal construction of human experience. A reading-intensive course with three essay assignments. Recommended for psychology, computer science, and English students.

PHIL 208 19th-Century Philosophy This course examines how 19th-century European philosophers inherit and develop Kant's radical claims that (1) human agents are radically free, (2) knowledge is constructed, and (3) faith in redemption is rational. We will examine how Fichte, Schiller, Hegel, Marx, Kierkegaard, and Nietzsche work out how humans could really be “free,” “autonomous,” or “self-determining” while remaining natural animals and socially-situated subjects. Films such as *American Beauty*, *Waterland*, *Babette's Feast*, and *Sex, Lies, and Videotape* are shown. Lecture and discussion course with three paper assignments. First-year students with strong writing skills welcome. Recommended for psychology, English, and political science students.

PHIL 209 Philosophy of Science A philosophical examination of scientific methods and reasoning. Topics may include the analysis of explanation, the nature of scientific truth, instrumentalist and realist interpretations of science, confirmation and falsification, observational and theoretical terms, inter-theoretic reduction, the relation among various sciences, scientific revolutions, and the possibility of scientific progress. Recommended for science majors. Sophomore standing recommended.

PHIL 210 The Just Society Critical analysis of competing traditional theories of justice in connection with contemporary political and legal issues surrounding race, ethnicity, and gender. Such topics may include (1) the nature of political legitimation and power; (2) the interdependence of social, legal, and political institutions; (3) legal protection for individuals and groups; (4) the shifting boundaries between individual, private, and public; (5) social-welfare institutions and the marketplace; (6) diversity and democracy; and (7) the autonomy of nation states within the global context. Discussion oriented with three paper assignments. First-year students with strong writing skills welcome. Recommended for political science, pre-law, and HDSR students.

PHIL 211 Philosophy of Law Historical examination of the two opposing paradigms in the study of legal systems: namely, factual (“positivist”) and normative (“natural law”) models of law. Selected topics may include (1) the relation between law and morality, (2) the nature of legitimation and authority; (3) the nature of juridical interpretation and legal reasoning; (4) the role of the legal system within ethical traditions, market forces, and political institutions; and (5) the Critical Legal Studies challenge to liberal jurisprudence. Readings from Aquinas, Austin, Holmes, Hart, Fuller, Dworkin, Scalia, Unger, Raz, MacKinnon, and Habermas. Seminar format with an emphasis upon discussion and structured debate. Suggested for pre-law and political science students.

PHIL 212 Philosophy of Social Science Introduction to classical and contemporary issues in the logic of the social sciences. Topics include (1) the distinction between the natural and social sciences; (2) historicist and relativist challenges to the objectivity and value neutrality of social inquiry; (3) causal, interpretive, rational, and critical models of practically oriented social research; and (4) behaviorist, structuralist, individualist, reductionist, and holist methods of inquiry. Recent debates about ethnocentrism, gender biases, and

epistemological constructivism will be reviewed. We will examine a cluster of important conceptual issues regarding life-narrative psychology as a special case study of social scientific research. Suggested for psychology, sociology/anthropology, and history students.

PHIL 213 Philosophy and Literature An exploration of the complex and historically evolving relationship between the discipline of philosophical analysis and the art of literary depiction. Classical philosophical analyses of issues such as personal identity, the experience of time, the relation between self and society, and moral reciprocity are paired with literary works sensitive to the same issues. Schools of literary interpretation are also surveyed, along with various attempts to develop an historical taxonomy of literary forms. First year-students with strong writing skills welcome. Suggested for psychology, literature, and history students.

PHIL/RELG 270 Buddha/Buddhist Philosophy This course begins with an examination of the biography of Gautama Buddha, the founder of Buddhism. Focusing first on the traditions of Theravada Buddhism, we explore the construction of the Buddha's life story with attention to the Buddha as a model for the attainment of nirvana. We turn next to the explosion of Buddhas in Mahayana Buddhism and to the fundamental categories of the teachings of the Buddha. Questions at the center of this course are: Why have the teachings changed over time and throughout the spread of Buddhism throughout Asia? What remains "Buddhist" throughout the centuries? We examine these questions by examining the teachings of Theravada and Mahayana Buddhism using primary sources.

PHIL 295 Special Topics Special Topics offerings focus upon topics not addressed in the department's regular offerings. The course can be repeated with a different topic. Check the course schedule to see when Special Topics courses are being offered.

PHIL 305 Biomedical Ethics A course in applied ethics, the study of how ethical thinking can be used in real-life situations and issues: in this case, biomedical issues such as euthanasia, allocating medical resources, and eugenics and human genetics. What is the morally right thing to do in various biomedical contexts? What are good reasons for answers to that question and others like it? What kinds of things should we take into consideration when making difficult moral decisions about these topics? This course is intended to help students become adept at looking at as many relevant aspects of moral issues as clear-headedly and constructively as possible and learn to present their views and the reasons for them in the form of logically-constructed arguments. Readings will include contemporary philosophical articles, court decisions, statements by medical and governmental organizations, and textbook material on ethical theories and tools. Suggested for health sciences students and recommended for science students. No prerequisites, but junior- or senior-level reading and writing skills are recommended.

PHIL 306 Philosophy of Language Study of 20th-century philosophy of language. Introduction to traditional semantics (e.g. reference, truth, and meaning) will be followed by a detailed examination of speech-act theory or pragmatics. The course will focus on the complexity of speech acts and the various dimensions of understanding involved in successful communication. Using speech act theory, students are asked to analyze four cinematographic artworks -- Twelfth Night, Glengarry Glen Ross, American Buffalo, and Oleanna -- and to draw conclusions regarding language and social power. Topics include theories of speaker meaning and reference, indexicals, direct and indirect speech acts, conversational implication, presupposition, anaphora, non-literal language use, translation, rule-following, and the relation between language and thought. Readings from Frege, Russell, Wittgenstein, Quine, Austin, Dummett, Putnam, Searle, Davidson, Habermas, and Recanati. Lecture and discussion format with three essay assignments. Recommended for foreign language, theatre arts, and English students.

PHIL 308 Metaphysics and Mind Examination of topics in the Western philosophical areas of metaphysics and philosophy of mind, and their intersection. Metaphysics is concerned with the structure of reality; philosophy of mind is the branch of metaphysics concerned with the nature of minds. The topics studied could include the "mind/body problem," consciousness, personal identity, and free will and determinism. Is the mind a nonphysical soul-like entity, or is the mind the brain, or is it the software that runs on the brain's hardware, or is it something else? Can the qualitative part of our experience -- the part involving what it feels like to be in various states -- be captured in purely physical terms, or is it inescapably nonphysical? What makes you the same person over time? Does modern scientific knowledge entail that none of our actions is really free? What is it for an action to be free, anyway? The readings for this course will consist mostly of primary scholarly articles by contemporary philosophers. Suggested for psychology students. Some background in philosophy recommended.

PHIL 310 Critical Social Theory: the Dialectic of Enlightenment Introduction to the Frankfurt School of Social Criticism and its legacy as "Critical Social Theory." We begin by examining the "first generation" of the Frankfurt School, from its founding in the 1920s and '30s by Horkheimer, Adorno, Benjamin, Fromm, and Marcuse to Habermas's early writings in the '60s & '70s. We then examine "second-generation" research, Juergen Habermas's "Theory of Communicative Action," with its distinctive ideal of "undistorted communication" as the measure of social rationality. Finally, we explore Axel Honneth's alternative, "third generation," Neo-Hegelian model of social development, with its distinctive ideal of "undamaged identities" and the "struggle for mutual recognition" as the critical measures of social pathologies. Throughout the course, examples of U.S. social movements -- green, feminist, queer, race-based, & post-colonial movements -- will be used to assess the relative strengths of these competing diagnostic models of social crisis. Suggested for political science, anthropology/sociology, economics, HDSR, and environmental studies students. Recommended for students with some background in philosophy, in particular students who have taken 19th-Century Philosophy.

PHIL 311 Postmodern Critical Theory: The Critique of Modernity Introduction to contemporary French philosophy, with special emphasis on the themes of language, desire, and embodiment. We examine the early debate between Merleau-Ponty and Lacan on the acquisition of language and formation of desire. We then turn to two key post-structuralists: Michel Foucault and Jacques Derrida. We focus upon Foucault's transition from his "archaeology of knowledge" to his mature "genealogy of desire," contrasting his account of embodiment and social power to Pierre Bourdieu's. After reviewing Derrida's deconstructionist analysis of language, we turn to one of the following figures: Kristeva, Deleuze, Irigaray, Butler, or Zizek. Films are shown throughout the course on Wednesday evenings. Media Studies concentrators are encouraged to write final essays linking philosophy and cinematography. Suggested for media studies, psychology, English, French, and political science students. Some background in philosophy recommended.

PHIL 490 Philosophy Seminar Intensive study of contemporary research on a major philosophical issue. The seminar is devoted to the critical reading of significant contemporary publications and a subsequent examination of the philosophical debates they have spawned. Advanced seminar-style discussion-centered course, with participants writing and presenting scholarly papers for the group. The seminar may meet over the course of either one or two quarters. Prerequisite: Senior standing

PHIL 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -> Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Physical Education

Ms. Farrell, Mr. Goyings, Ms. Hess (Chair), Mr. Krajacic, Mr. Krasinski, Ms. Miller,
Ms. Milliken, Mr. Murphy, Mr. Nickert, Mr. Niemeier, Ms. Olds, Mr. Passage, Mr. Riley,
Ms. K.J. Smith, Mr. Zorbo

Through its physical education activity requirement and offerings that carry academic credit, the College honors the "sound mind in a sound body" philosophy that is a landmark of a liberal arts education. Several opportunities for healthful activities are housed in the department of physical education which includes intramurals administration and the department of athletics in addition to the cadre of activity classes.

The Physical Education Graduation Requirement

All students shall earn one unit of physical education (PE) activity, which may be met by electing and satisfactorily completing five activities, each equal to 0.2 units, selected from physical education activity classes, intercollegiate athletics, study abroad, and LandSea, subject to the following conditions:

1. A modified or otherwise specifically planned program will be developed by an advisor in the department for any student having a complete or partial restriction as indicated on that individual's health record.
2. Students are urged to complete the requirement over the period of five quarters.
3. Students may take as many PE activity classes as they desire, but only one unit, or five credits, will be counted toward the graduation requirement.
4. All activity courses may be repeated as often as desired, with the exception of PED 101, Mind/Body, which carries .4 units.
5. Varsity athletes earn one activity credit per sport per academic year, and split seasons such as golf will award one activity credit for the academic year, whether the athlete participates in fall or spring or both.
6. One activity credit for physical education may be granted for each six months of military service or each quarter of ROTC training.
7. In some instances students may receive PE activity credit for activity classes on study abroad, especially those indigenous to a particular culture. These credits must be certified through the Center for International Programs.

Activity courses include various opportunities. Some require that students furnish their own equipment or transportation; some require a modest fee (indicated by *); but one can achieve the full unit with on-campus, non-fee courses. Activity classes may include the following: all intercollegiate sports, advanced physical training, ballet, basketball, cheerleading, choreography*, developmental swimming, fencing*, first aid and CPR, gardening, horseback riding*, individual fitness, indoor rock climbing*, jazz dance*, kickboxing*, Land/Sea* (as a participant or a leader), massage*, meditation, modern dance*, pilates*, racquetball, scuba*, smoking cessation, stage combat techniques*, Tae Kwon Do*, Tai Chi, tennis, triathlon training, ultimate frisbee, volleyball, weight training, yoga*. Mind/Body, (PED101), is a combination of classroom and individualized activity that focuses on personal health and recognizes a fit and active lifestyle. It is worth 0.4 credits.

Academic Physical Education classes

One academic, full-unit class is offered each quarter through the PE department, and Sports Psychology is offered through the psychology department. These classes are recommended for students interested in coaching, athletics, fitness, or leadership. Either PED 205 or 210 are required for the Health Studies Concentration.

Physical Education courses

PED 205 Nutrition Examination of nutritional systems and healthy eating habits for a program of lifelong fitness.

PED 210 Care and Treatment of Injuries Knowledge of anatomy, first aid, and examination of techniques used in the prevention and care of athletic injuries.

PED 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Physics

Mr. Askew (Chair), Mr. Cole, Mr. Érdi, Ms. McDowell, Mr. Tobochnik

The physics curriculum at Kalamazoo College provides preparation for the potential physicist as well as a solid background for students in the other sciences. A student majoring in physics can pursue further study in physics, engineering, computer science, astronomy, medical physics, or environmental science. Other opportunities include teaching at the high school level and working in a business that involves modern technology, and other careers such as finance, patent law, and technical editing.

Students interested in majoring in one of the physical sciences should plan to take CHEM 110, MATH 112-113, and PHYS 150 during the first two quarters of the first year.

Students with an AP score of 4 or 5 on the Physics C-Mechanics exam will also be granted credit in PHYS 150 and should begin their sequence with PHYS 152. Students with the same score on the Physics C-E&M exam will also be granted credit in PHYS 152 and should begin their sequence with PHYS 220. Students may also receive credit for PHYS 152 by receiving a 5, 6, or 7 on the IB Physics HL exam.

Students planning on a major in physics should achieve at least "B" level academic work in the department by the time they complete PHY 220.

Students interested in engineering should consider the combined curriculum in engineering. This typically follows the program of the physics major during the first three years. (See the 3/2 Engineering Program description.)

Requirements for the Major in Physics

Number of Units

Eight courses in physics, numbered 150 and higher, are required for the major. A SIP in physics is not required for the major and, if completed, does not count toward the eight courses. A maximum of one AP, IB, dual enrollment, transfer, or study abroad credit may be counted toward the eight courses. Any number of required cognates may be met with AP, IB, dual enrollment credit, or local placement exam results. Departmental approval is required for all use of AP, IB, dual enrollment credit, and transfer credit toward major requirements.

Required Courses

PHYS 150, 152, Introductory Physics I and II, with Lab
PHYS 220 Intro to Relativity and Quantum Physics with Lab
PHYS 340 Classical Dynamics with Lab
PHYS 360 Thermal Physics with Lab
PHYS 370 Electronics and Electromagnetism with Lab
PHYS 380 or PHYS 410, Semiconductors and Magnetism with Lab or Advanced Electricity and Magnetism

Required Cognates

MATH 112, 113, and 214 Calculus I, II, and III
MATH 240 Linear Algebra and Vectors
MATH 280 Differential Equations and Numerical Methods
All cognates in math must be at C- or above.

Successful completion of the major requires taking a departmental comprehensive exam, normally offered in late January of the senior year. The Advanced Physics GRE exam may be used in place of the locally administered departmental exam.

A least one course in Computer Science, one course in Complex Systems, and MATH 310, Complex and Vector Variables, are recommended for all students in the major. Students planning on graduate study in Physics, Applied Physics, or Electrical Engineering should take both PHYS 380 and 410, and PHYS 420, Quantum Mechanics. Students interested in further study in environmental engineering or related programs should take CHEM 110 and 120, and consider additional coursework in chemistry and biology. Students interested in biological physics or neuroscience should explore the concentrations available in those subjects.

Requirements for the Minor in Physics

Number of Units

Six units exclusive of lab credit in Physics are required.

Required Courses

PHYS 150, 152 Introductory Physics I, II with Lab
PHYS 220 Intro to Relativity and Quantum Physics with Lab
Three additional physics courses, two at the 200 level or above and at least one at the 300 level or above.

Students may not major in 3/2 engineering and minor in physics.

Physics courses

PHYS 102 Astronomy Study of modern astronomy beyond the solar system: stars, galaxies, pulsars, quasars, black holes, and cosmology. Emphasis on fundamental physics and its application to understanding the structure and evolution of astronomical objects.

PHYS 105 Energy and the Environment Application of scientific concepts and analyses to the study of the production, conversion, and consumption of energy, and an understanding of the associated environmental and societal implications. Designed primarily for students not majoring in the physical sciences; especially appropriate for those in the environmental studies concentration.

PHYS 150 Introductory Physics I with Lab Conceptual and practical study of the basic conservation laws (momentum, energy, and angular momentum) and the Newtonian world view. Prerequisite: MATH-110 or MATH-112

PHYS 152 Introductory Physics II with Lab Study of the fundamental and practical concepts associated with electric and magnetic fields and their unification. Prerequisite: PHYS-150 and MATH-111 or MATH-112

PHYS 210 Nuclear and Medical Physics with Lab Emphasis on application of physics to medicine, focusing on radioactivity, radiation therapy, and diagnostic and imaging techniques. Prerequisite: PHYS-152

PHYS/IDS Y 215 Introduction to Complex Systems Study of how collective behavior emerges from the interaction between a system's parts and its environment. Model systems from the natural sciences and social sciences will be used as examples. Both historical and contemporary approaches will be discussed.

PHYS 220 Introduction to Relativity and Quantum Physics with Lab Study of light, special relativity, and quantum physics with applications. Prerequisite: PHYS-152 and MATH-113. (MATH-214 & 240 recommended.)

PHYS/COMP 255 Computer Programming and Simulation Computer modeling of physical phenomena. Programming skills will be developed in the context of doing physics. Topics include numerical integration of Newton's equations, cellular automata, and random walks, including Monte Carlo methods. Prerequisite: PHYS-150

PHYS/MATH 270 Nonlinear Dynamics and Chaos Dynamical systems are mathematical objects used to model phenomena of natural and social phenomena whose state changes over time. Nonlinear dynamical systems are able to show complicated temporal, spatial, and

spatiotemporal behavior. They include oscillatory and chaotic behaviors and spatial structures including fractals. Students will learn the basic mathematical concepts and methods used to describe dynamical systems. Applications will cover many scientific disciplines, including physics, chemistry, biology, economics, and other social sciences. Appropriate for Math or Physics Majors. Either MATH 305 or this course, but not both, may be counted towards the major in mathematics. Prerequisite: MATH-113

PHYS 340 Classical Dynamics with Lab Study of classical dynamics emphasizing physical reasoning and problem solving. The Newtonian, Lagrangian, and Hamiltonian formulations are discussed, and applications are made to planetary motion, oscillations, stability, accelerating reference frames, and rigid body motion. Prerequisite: PHYS-152 and MATH-280

PHYS 360 Thermal Physics with Lab Introduction to thermal physics with emphasis on a statistical approach to the treatment of thermodynamic properties of bulk material. Prerequisite: PHYS-220. (MATH-280 recommended.)

PHYS 370 Electronics and Electromagnetism with Lab Basic concepts of analog and digital electronics are taught along with intermediate level electrostatics and electrodynamics. Mathematical topics include introductory vector calculus and field theory. The laboratory portion emphasizes circuit analysis, measurement technique, and the skillful use of modern digital instrumentation. Prerequisite: PHYS-220 and co-enrollment in or completion of MATH-280.

PHYS 380 Semiconductors and Magnetism with Lab The relationship between electricity and magnetism is studied through the introduction of Maxwell's equations. Semiconductor material properties are studied, along with device structures for diodes, transistors, and simple integrated circuits. The laboratory portion emphasizes circuit construction techniques, device characterization, amplifier design and feedback, and signal/noise analysis. Prerequisite: PHYS-370 and MATH-280

PHYS 410 Advanced Electricity and Magnetism with Lab Study of electromagnetic field theory, electrostatics, potential theory, dielectric and magnetic media, Maxwell's field equations, and electromagnetic waves; vector calculus developed as needed. Prerequisite: PHYS-370 and MATH-280

PHYS 420 Quantum Mechanics with Lab Study of the principles and mathematical techniques of quantum mechanics with applications to barrier problems, the harmonic oscillator, and the hydrogen atom. Prerequisite: PHYS-340 and MATH-280

PHYS 480 Special Topics Techniques Special Topics offerings focus on a physics topic not addressed in the department's regular offerings. Possible topics include general relativity and cosmology, solid state physics, particle physics, soft condensed matter physics, biological physics, advanced laboratory techniques, and fluid mechanics. Check the course schedule to see when Special Topics courses are being offered.

PHYS 482/MATH 305/IDSY 305 Special Topics: Dynamic Models in Social Sciences The study of why mathematical and computational methods are important in understanding social phenomena, and how different social phenomena can be described by proper mathematical models. Specifically, applications of the theory of dynamical systems will be presented. Designed for math/science and social science students. Either MATH/PHYS 270 or this course, but not both, may be counted towards the major in mathematics.

PHYS 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -> Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Political Science

Mr. Dugas, Ms. Einspahr, Ms. Elman (Chair), Mr. Kato

Political Science is an essential component of a liberal arts education, providing students with the tools to understand the complex world of politics and, in the process, to become better citizens. As a field of academic study, Political Science is both a classical discipline and a more recently developed social science. The study of politics utilizes philosophical, historical, and comparative analysis to examine governments, political movements, politics, and policies. Knowledge of these areas enables students to participate more effectively in the political process on behalf of their own values. Students also learn skills to scrutinize critically both their own and other value systems. In the Political Science Department we seek to provide broad yet rigorous training in the fields of U.S. politics, comparative politics, international politics, and political theory. This training provides a thorough grounding for study in graduate and professional schools (including law school), as well as preparation for public service, nongovernmental employment, civic engagement, and political activism at the local, state, national, and international levels.

Requirements for the Major in Political Science

Number of Units

Nine units are required, not including the SIP.

Required Courses

POLS 105 Introduction to American Government
POLS 106 Introduction to Comparative Politics
POLS 107 Introduction to International Politics
POLS 108 Introduction to Political Theory
POLS 490 Contemporary Behavior, Theory, and Methodology

The political science department requires all majors to pass a written comprehensive examination covering the fields of U.S. politics, comparative politics, international politics, and political theory. In addition, the department strongly encourages students to complete their introductory courses prior to leaving for student abroad.

Requirements for the Minor in Political Science

Number of Units

Six units are required.

Required Courses

POLS 105 Introduction to American Government*
Five additional political science courses

* Students may waive POLS 105 with an AP score of 4 or 5 but must still complete eight units in the major and six in the minor.

Off-Campus Credits

One Political Science course from off-campus (study abroad or transfer credit) may count for credit toward the Political Science major or minor. Students must formally petition the department for approval of the course and provide the necessary materials (syllabus, notes, papers, etc.) for review. In general, the Political Science Department will only accept for credit a course that is not offered at Kalamazoo College.

Political Science courses

POLS 105 Introduction to American Government Introduction to the structure and functioning of the American government; introductory analysis of the processes of policy formation, the relationship of the state and the individual, and the degree and nature of popular control.

POLS 106 Introduction to Comparative Politics Introduction to the structure and functioning of different systems of governance within a comparative framework. What are the various paths to political development taken by various industrialized nations? To this end, students compare and contrast various political ideologies, cultures, and state institutions and their organizations.

POLS 107 Introduction to International Politics An introduction to the study of international relations that focuses on the core issue of international war and peace. The issue is used as a means to explore how political scientists analyze international relations. The course examines different approaches to analyzing international relations (the system, state, and individual levels of analysis), as well as the ongoing debates between the paradigms of realism, liberalism, radicalism, and feminism.

POLS 108 Introduction to Political Theory: The Nature of Politics This course will serve as a foundation for understanding the major concepts, dilemmas, and theoretical traditions underlying the study of politics. We will explore questions such as: What makes authority legitimate? Who should rule? What is the purpose of government? What is the proper balance between liberty and equality? Thinkers discussed may include Sophocles, Plato, Aristotle, Rousseau, Wollstonecraft, Marx, Douglas, Tocqueville, Arendt, and others.

POLS 195 Special Topic: Introduction to Quantitative Research This course introduces one method of social science research: testing hypotheses through the use of statistics. Heavy emphasis will be given to the fundamental concepts behind statistical methodology; applied work in political science will be used as illustrations. Graded homework assignments will include statistical problems and computer assignments requiring the use of statistical software. Additionally, students will test a hypothesis and submit their results in the form of an original research report. (Special Topic offered in Spring 2011.)

POLS 205 The Politics of Revolution The very casual use of the term "revolution" frequently betrays its importance. What, for example, does it mean to be a "revolutionary"? Moreover, what has "revolution" meant for men and women? This course seeks to clarify its meaning(s), consider its causes, and explore the consequences with attention to the French and Russian revolutions. The revolutions of 1989 throughout Eastern Europe will also be considered.

POLS 210 Comparative Political Institutions: Social Europe Examination of the political systems, institutions, and practices of European states. Emphasis is on analysis and comparison of social policies concerning immigration, the environment, and other issues.

POLS 215 Politics in Developing Countries A general introduction to the study of politics in developing countries. The course examines the impact of colonialism, problems of dependency and economic development, and the ecological context of politics. It also explores the social context of politics (focusing on the role of women in developing countries, as well as on the issues of religion and ethnicity). It culminates in an examination of the alternatives of revolutionary, authoritarian, and democratic political regimes.

POLS 225 Constitutional Law Constitutional practice and doctrine commonly stand at the crossroads between law and politics. Although the US Supreme Court has long been involved in articulating constitutional rules and principles, these have never been its exclusive province. Congress, the President, political parties, and interest groups also play a significant role. Focusing on the development of constitutional doctrine across time, we will consider the growth of the Supreme Court's authority, the Court's relation to the other federal branches, and the relationship between constitutional change and social movements.

POLS 227 Law, Politics, and Society Throughout the history of the United States, the government has made decisions in an effort to protect the nation from both internal and external forces, particularly in times of "national crisis." In this class we will study and discuss the impact national crises have on law, politics, and society.

POLS 228 The American Jury Trial The course introduces the skills necessary to try a case before a jury. The students are taught negotiation, case preparation, motivational psychology, jury selection, witness cross-examination, and final argument for the purpose of developing analytical and organizational skills and the ability to create and present persuasive arguments. It is designed not only for pre-law students but for all students interested in learning how to present their ideas persuasively and with confidence.

POLS 230 Presidency and Congress This course looks at the development of the presidency vis-à-vis Congress and how this relationship has (or has not) changed. We will explore both the upward spiral of Arthur Schlesinger's "Imperial Presidency" and the more cyclical pattern associated with the work of Stephen Skowronek. After a brief survey of the original formulation of the executive, we examine both thinkers and scrutinize the administrations of George W. Bush and Barack Obama.

POLS 245 Politics of Latin America An introduction to contemporary Latin American politics. The course examines three areas crucial to a basic understanding of the region: (1) socio-economic conditions; (2) the principal actors in the Latin American political arena, including labor movements, peasants, women, indigenous groups, the Catholic Church, political parties, the military, and guerrilla movements; and (3) the resulting political structures that have characterized Latin American politics in the form of authoritarian, revolutionary, and democratic regimes.

POLS/AFST 248 Politics of Sub-Saharan Africa This course offers an in-depth perspective on the study of Sub-Saharan African politics. It examines Africa's post-independence democratic strides, security issues, and the failure and successes of statism. It specifically exposes students to the challenges and the conundrum of the postcolonial state and the efforts in dealing with such challenges in Africa. The end of the Cold War as well as the demise of apartheid affected the political landscape in Africa, thus strengthening the role of grassroots organizations and of other external forces to engage in the process of state reconstruction.

POLS 250 Government and Politics of China This course offers a general introduction to the politics of contemporary China. It will focus on major political events in the People's Republic: collectivization of land, socialization of industry, Hundred Flowers and Anti-Rightist Campaigns, Great Leap Forward, Cultural Revolution, leadership succession, Democracy Wall, economic reforms, and Tiananmen Incident, among others. We also try to analyze Chinese foreign policy from the perspective of its domestic politics. Moreover, we will look at issues that fundamentally affect Chinese society such as popular participation and elite control in contemporary China. The basic objectives of the course are to provide a working knowledge of Chinese politics and to encourage a critical evaluation of China's politics.

POLS/CLAS 257 Justice and Political Community in Antiquity This course examines political thought from the Greek period through the Italian Renaissance. We will pay particular attention to classical conceptions of human nature, justice, the ideal political order, and the obligations of citizens to their political communities. We will also form an appreciation for the Greek and Roman foundations of subsequent political systems. Thinkers covered include Thucydides, Plato, Aristotle, Cicero, St. Augustine, and Machiavelli.

POLS 260 Liberty, Equality, and Authority This course examines political theory in the "modern" period (roughly 1650-1900). We will explore liberal, radical, conservative, and socialist frameworks for answering the question, "What makes authority legitimate?" Theoretical topics include classical social contract theory; resistance and revolution; the proper relationship between liberty and equality; and competing articulations of "rights." We will read Hobbes, Locke, Rousseau, Burke, Wollstonecraft, Mill, Marx, and others.

POLS 263 American Political Theory This course examines the origins and development of a distinctively American approach to politics and political ideas, focusing on the origins of American political theory in classical liberalism and Puritanism; the debates for and against the adoption of the Constitution; the contested meaning of "democracy" in the American context; and the tension within American liberalism between liberty and equality, particularly with regard to claims for racial, sexual, and economic justice.

POLS 265 Feminist Political Theories In this course, we will engage critically with a variety of feminist theories that have emerged as women have struggled for social and political change. First we will explore the history and development of feminist theories, paying particular attention to the intersections of gender, race, class, and sexuality. Using various feminist theoretical approaches, we will then explore issues such as women's embodiment, abortion, pornography, rape, and the role of the state in advancing feminist goals.

POLS 270 The European Union: Institutions, Actors, Aliens and Outcomes This course offers a broad introduction to the European Union and the politics of European integration. We move from a historical overview to a description and assessment of several basic political institutions and conclude with the impact that European integration has had (and continues to exercise) over matters ranging from agriculture, food, the environment, and crime to citizenship, migration, gay rights, and women's rights.

POLS 285 United States Foreign Policy An introduction to the study of U.S. foreign policy. The first half of the course provides an introduction to, and a historical overview of, U.S. foreign policy since World War II. The second half of the course examines the way in which U.S. foreign policy is made, looking specifically at the role of the Presidency, Congress, the bureaucracy, interest groups, mass media, and public opinion.

POLS 295 Special Topic: Politics and Strategy in Everyday Life Decision theory and game theory are widely used in political science, economics, public policy and business to analyze decisions by individuals and strategic interactions between them. This course will introduce both abstract principles and common applications. Examples will be taken from political campaigns, neighborhood dynamics in segregation, baseball, arms races and international conflict, environmental politics, and childrearing. (Special Topic offered in Winter 2011 only.)

POLS 295 Special Topics: Political Economy of North and South This course will introduce the changing perspectives and current controversies concerning economic relations between the wealthy countries in the global North and the less-developed countries in the South. It will trace theoretical approaches from Keynesian management theory through modernization, dependency theory, neorealism and the developmental state literature. Does it matter that today's developing countries operate in a different global environment than countries like Britain and the U.S. did during their development period? Should developing countries be given special consideration in trade and financial agreements? Can the North play a role in reducing global poverty, and if so, how? To what extent should states intervene in free markets? Some economic theory will be introduced, but prior economic coursework is not a prerequisite. (Special Topic offered in Fall 2010 only.)

POLS 295 Special Topics Special Topics offerings focus upon topics not addressed in the department's regular offerings. The course can be repeated with a different topic. Check the course schedule to see when Special Topics courses are being offered.

POLS 305 International Law and Organization This course addresses: 1) the basic nature and scope of international law; 2) the history, structure, promises, and limitations of international organizations, especially the United Nations; and 3) how the interplay of international law and organization affects key areas of global relations, particularly collective security and peacekeeping, human rights and humanitarian affairs, and the environment.

POLS 310 Women, States, and NGOs What role do states have, if any, in defining, maintaining, constructing, or remedying sex discrimination? This course provides a comparative, historical framework to consider the challenges and opportunities feminist movements have met and continue to face as they mobilized both within and beyond their countries to demand social justice.

POLS 320 Democracy and Democratic Theory In this course, we will consider the idea of "democracy" in historical and theoretical perspective. What is the nature of democracy? What makes democracy meaningful? Topics covered may include elite versus popular rule; representation; participation; the contemporary "liberal versus communitarian" debate; deliberative democracy; identity politics; and others.

POLS 325 Race and Politics Race has been present at every critical moment in American political development, shaping political institutions, political discourse, public policy, and its denizens' political identities. Its evolving and dynamic status as a structure of inequality, a political organizing principle, an ideology, and a system of power necessitates that we study the politics of race historically, institutionally and discursively. This class focuses on the broad implications of race/racism as it relates to constitutional law/constitutionalism, sovereignty and American empire. Moving beyond the standard moral analysis, we focus on the dynamic relationship between race and American politics to illuminate an investigation and interrogation of core legal concepts, political decision-making - including underlying implications and assumptions. Prerequisite: POLS-105

POLS 330 The Politics of the Holocaust Study of two fundamental elements: (1) a brief historical overview of anti-Semitism and the social construction of identity whereby Jews are rendered "Other," and (2) a focus on how and by whom the Jews were annihilated. Students will comprehend the unique fate of the Jews under National Socialism, the incorporation of racial eugenics into law, and the capacities of modern states to service genocide.

POLS 360 Contemporary Political Theory In the twentieth century, a diverse group of thinkers challenged the basic underlying

premises of modern political thought, refiguring how we think about domination, liberation, and justice. In this course, we will be addressing the overlapping themes of knowledge, power, history, and identity as they relate to contemporary political dilemmas. Thinkers may include Arendt, Beauvoir, Butler, Foucault, Nietzsche, and other contemporary thinkers.

POLS 370 Civil Liberties and Civil Rights Study of individual liberties as defined by today's Supreme Court; development of the Court's point of view in such areas as freedom of speech, subversion and disloyalty, religious freedoms and church-state separation, and equal protection of the law; the role of the Supreme Court in the political system of the United States.

POLS 375 International Political Economy An overview of the most prominent topics in international political economy (IPE). This course examines alternative paradigms (economic liberalism, economic nationalism, dependency theory), the issues of international trade, the international monetary system (including the 1980's debt crisis and the 1990's East Asian financial crisis), and the role of multinational corporations. Prerequisite: POLS-107

POLS 380 Drugs, Democracy, and Human Rights An overview of three of the most contentious issues in contemporary U.S. foreign policy. Specifically, the course examines the role of U.S. policy with regard to the problems of international human rights, the promotion of democracy, and the international drug trade. Past and present U.S. policy is discussed, as well as what U.S. policy ought to be regarding these challenging problems.

POLS 420 Politics, Parties, and Public Opinion Analysis of the process of public decision making with reference to the nature and role of interest groups, political parties, and their relationships to other forces and factors that form public opinion. Examines parties as mediating institutions between masses and elites. Prerequisite: POLS-105

POLS 490 Contemporary Behavior, Theory, and Methodology Analysis of major premises and theoretical frameworks underlying current political science research. Prerequisite: Senior standing

POLS 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -> Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Psychology

Mr. Batsell, Ms. Boatwright, Mr. Érdi, Mr. Gregg (Chair), Mr. Grossman, Ms. Hostetter, Ms. Tan

Psychology, broadly defined, is the study of animal and human behavior as well as human experience. The discipline involves the use of scientific methods in the discovery of facts and confirmation of theory as well as applications to problems. The major, therefore, includes a focus on the understanding and use of research skills and techniques. Psychology is a diverse field with important connections to biology, education, philosophy, and sociology. Increasingly, psychologists may be found in business, industry, education, government, and medicine, as well as in the more traditional areas of research and mental health.

Given its diversity and connections to other disciplines, psychology is a reasonable choice of major for students who seek a broad liberal arts undergraduate education. Psychology is also a practical major for those who seek careers immediately after graduation in fields where interacting with other people is primary—management, criminal justice, or human services, for example. Students interested in careers in such applied fields, however, may find the human development and social relations (HDSR) major a better choice.

Psychology majors may choose to pursue advanced degrees in three general directions: one, as scientists, leading to careers in higher education or research settings; two, as practitioners, leading to roles as clinicians, school psychologists, industrial psychologists, and health psychologists; and three, as professionals in other fields such as law, medicine, and business administration.

Advanced Placement

Students with an Advanced Placement (AP) score of 4 or 5 on the Psychology Exam will be granted credit in PSYC 101. This credit will satisfy the PSYC 101 prerequisite for upper-level psychology classes.

Requirements for the Major in Psychology

Number of Units

Nine psychology units are required. No more than one unit of a psychology SIP may count toward the nine units required.

Required Courses

PSYC 101 General Psychology
PSYC 390 Experimental Methods
Two courses at the 400 level

Required Cognates

MATH 105, MATH 260, or ANSO 212 (at C- or better). MATH 260 is preferred.

Requirements for the Minor in Psychology

Number of Units

Six units are required. Students who plan to earn a minor in psychology must declare the minor by the fall quarter of their senior year.

Required Courses

PSYC 101 General Psychology
Five additional psychology electives, not including PSYC 390 or PSYC 440.
Please check on prerequisites for each course.

Students may not major in human development and social relations (HDSR) and minor in psychology.

Psychology courses

PSYC 101 General Psychology Survey of major theories, methods, and findings related to understanding mental processes, emotions, behavior, and experience; examination of such topics as the brain, learning, memory, perception, personality, and psychotherapy. This course (or completion of AP Psychology) is a prerequisite for all courses in the department.

PSYC 205 Sports Psychology Survey of theories, research methods, and clinical techniques of psychology that focus on the mind-body problem in sports; investigation of issues relating to self discipline as well as improving individual and team performance. Prerequisite: PSYC-101

PSYC 210 Developmental Psychology The study of development from birth through early adolescence, examining concepts, theories, and research findings related to topics such as motor, perceptual, linguistic, artistic, cognitive, and identity development. Prerequisite: PSYC-101

PSYC 211 Adolescent Development Research and theory regarding development between puberty and emerging adulthood including physical, cognitive, social, emotional, and personality development. Contexts of adolescence within the family and within the peer group including sexuality, dating and romantic relationships. Perspectives regarding gender and moral development. Prerequisite: PSYC-101

PSYC 230 Psychology of Prejudice Introduction to social psychological perspectives on ethnocentrism, including ethnic, religious, national, and gender prejudice. Examines case studies, laboratory experiments, sample surveys, and ethnographic observations to account for the development of stereotypes and violence. Prerequisite: PSYC-101

PSYC/SEM/N 235 Psychology of Crossing Borders This course is designed for those who would like to have an introduction to the psychology of studying abroad. It includes coverage of a number of topics that are germane to understanding the process of crossing cultures. It is particularly relevant for students who wish to reflect deeply on their experience of studying abroad. There will be a special focus on the reflective process while learning to journal and write reflective papers. An intercultural project done in Kalamazoo will be required. Reflective papers and tests will be required every three weeks. This course is a Shared Passages Sophomore Seminar. Prerequisite: PSYC-101

PSYC/SEM/N/ANSO 238 Culture and Psychology of Arab-Muslim Societies This course provides an introduction to Arab-Muslim societies and cultures. It draws on readings from multiple disciplines to cover social structure and family organization in tribal, village, and urban communities, core value systems associated with the etiquettes of honor-and-modesty and with the beliefs and practices of Islam, and influences on psychological development through the life-span. It also will examine the processes of "modernization" and "underdevelopment," the conflict between Westernization and authentic "tradition," and "Islamic revival," and the crisis of identity experienced by youth. Prerequisite: Sophomores Only

PSYC 240 Educational Psychology Applies the principles of psychology to the practice of teaching. In the course, we will analyze the dynamics of student-teacher interactions with particular reference to the ways in which concepts, skills, values, and attitudes are communicated. Some of the topics that will be covered include basic principles of learning and instruction, child and adolescent development, information processing, measurement and evaluation as applied to classroom situations, and methods of accommodating students with different needs. Prerequisite: PSYC-101 or EDUC-270

PSYC/ANSO 250 Social Psychology Survey of contemporary topics in social psychology, including attitudes, conformity, group dynamics, media effects, aggression, and social cognition; includes an experimental or field-based research project. Prerequisite: PSYC-101 or ANSO-105

PSYC/COMP 265 Cognitive Science Cognitive science is the interdisciplinary study of mind and the nature of intelligence. It is a rapidly evolving field that deals with information processing, intelligent systems, complex cognition, and large-scale computation. The scientific discipline lies in the overlapping areas of neuroscience, psychology, computer science, linguistics and philosophy. Students will learn the basic physiological and psychological mechanisms and computational algorithms underlying different cognitive phenomena. This course is designed mostly for psychology and computer science students, but other students interested in interdisciplinary thinking might take the course.

PSYC 270 Feminist Psychology of Women This course places women at the center of inquiry, both as researchers and participants. Specific topics include: silencing of women in the classroom, pathologizing of women, sex bias in diagnosing, feminist developmental theories, acquaintance rape, feminist response to Freud, myth of beauty in adolescence, leadership, women's sexuality, psychological consequences of incest, rape, and other forms of violence against women. Prerequisite: PSYC-101; open to First-years and Sophomores only.

PSYC/ANSO/ECON 279 Organizational Behavior This course is designed to provide you with analytical tools that will boost your assessment capabilities of organizations, the issues they are dealing with, and the challenges they and the people in them are facing. In addition, the material that will be covered during the term will tease and enhance your critical-thinking and investigative skills.

PSYC 280 Cognition Study of information processing and utilization. Topics include attention, perception, imagery, memory, knowledge structures, language comprehension and production, problem solving, and decision making. Prerequisite: PSYC-101

PSYC 285 Psychology of Music An introduction to the psychology of music, providing an overview of research literature on such topics as the emergence of basic musical abilities, development of advanced skills (practice, sight-reading, performing, and conducting), and music perception and cognition. A general knowledge of musical terms and concepts will be assumed and not reviewed in the course. Prerequisite: PSYC-101 and at least 5 years of instrumental or vocal training. Consult professor if you have questions.

PSYC/BIOL 290 Animal Behavior with Lab Study of the behavior and social organization of a variety of animal groups ranging from insects to primates; analysis of general principles of behavior modes; observation of animal behavior in the field and laboratory. Prerequisite: PSYC-101, BIOL-112, BIOL-123, or BIOL-124

PSYC 295 Special Topic: Drugs, Addiction, and Behavior This course will provide an overview of psychotropic drugs, both legal and illegal. An overview of psychopharmacology, behavioral pharmacology, physiological effects on the brain, social influences, and controversial issues related to drug use and abuse will be explored. (Special Topic offered in Spring of 2010 and Winter of 2011.) Prerequisite: PSYC-101; restricted to first-years and sophomores.

PSYC 310 Organizational Behavior Introduction to and survey of topics in industrial and organizational psychology with an interdisciplinary emphasis; application of concepts, findings, and theories to organizations of all kinds. Prerequisite: PSYC-101 or Junior/Senior Standing

PSYC/ANSO 340 Cultural Psychology Theories of how culture shapes thought, feeling, and the development of personality. Critical survey of topics in cross-cultural psychology, including culture and personality, child rearing, psychopathology, cognition, modernization, and underdevelopment. Prerequisite: PSYC-101

PSYC 370 Abnormal Psychology with Lab Study of pathological behavior patterns and symptoms with focus upon the origin, nature, and methods of treatment of abnormal behavior. Prerequisite: PSYC-101

PSYC 390 Experimental Methods Laboratory course emphasizing problems of experimental design and data collection, application of statistical techniques, and reporting of experimental findings in different content areas of psychology (e.g., social psychology, developmental psychology, learning, cognition, and biopsychology). Prerequisite: PSYC-101 and Statistics. Junior Psychology Majors only.

PSYC 410 Theories of Personality Survey of contemporary theories of personality and related research. Prerequisite: PSYC-101 and PSYC-370

PSYC/COMP 415 Computational Neuroscience Study of mathematical models, computational algorithms, and simulation methods that contribute to our understanding of neural mechanisms. Brief introduction to neurobiological concepts and mathematical techniques. Both normal and pathological behaviors will be analyzed by using neural models. Prerequisite: PSYC-101

PSYC 420 Learning Examination of the ways in which behavior changes as a result of experience in laboratory and natural settings. Surveys theories that account for these behavioral changes. Prerequisite: PSYC-101

PSYC 425 Physiological Psychology An exploration of the neurochemical and neurological bases of behaviors/experiences such as pain, feeding, sex, learning, memory, and emotion. Prerequisite: PSYC-101

PSYC 430 Interviewing and Narrative Analysis With Lab This course examines methods for investigating the narrative structures people use to interpret their experiences and integrate their lives. It will consider how "narrative knowing" differs from scientific theory, figurative language from literal, and symbolic representation from conceptual. Readings will cover the theory and practice of interviewing, psychological research on figurative language and narrative schemata, and plot-line and structuralist techniques of narrative analysis. Student assignments will consist of conducting, analyzing, and writing about interviews. Prerequisite: PSYC-101

PSYC 440 Clinical Psychology Methods Overview of theoretical and practical aspects of clinical psychology, with an emphasis on the assessment and prediction of human behavior. Covers testing of achievement, intelligence, personality, attitudes, and interests. Basic interviewing and clinical skills will be taught. Prerequisite: PSYC-101, PSYC-370, and Statistics

PSYC 450 Counseling Psychology: Theory and Practice The focus of this course is the application of eight counseling psychology theories. Prerequisite: PSYC-101, Psychology major, Senior standing

PSYC 460 Social Development Upper-level course exploring social development. The first module focuses on topics such as development of social skills, play and play environments, aggression, peer acceptance and peer rejection, and school bullying. The second module focuses on relationships from adulthood through old age. Prerequisite: PSYC-101, PSYC-210, and junior or senior standing

PSYC 470 History and Systems of Psychology In this class we will trace the philosophical and scientific roots of psychology, focusing on the years 500 B.C. to 1920. Prerequisite: PSYC-101, Psychology major, Senior standing

PSYC 470I History and Systems of Psychology In this class we will trace the philosophical and scientific roots of experimental psychology, focusing on the years 1800 to 1930. Prerequisite: PSYC-101, Psychology major, Senior standing

PSYC 480 Psychology of Language and Mind Psycholinguistics is the study of the psychological processes that give rise to human language. This class will provide a primer to the field of psycholinguistics as well as explore the relationship between our capacity for language and other cognitive processes. What is language? Where does language come from? How do we learn a first and second language? Does the language we speak affect the way we think? Prerequisite: PSYC-280 or Instructor Permission

PSYC 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Public Policy and Urban Affairs

Ms. Barraclough

Centered in the social science division, the concentration in public policy and urban affairs represents an interdisciplinary approach to the study of social problems and public policy in contemporary industrial societies. It encourages students to focus on and get involved in the significant policy-related problems confronting their generation, prepares students to think from the perspective of policy makers, and promotes public service. The concentration is open to all students, but naturally complements study in anthropology- sociology, economics, human development and social relations, and political science.

Combining concern for both local and national policy, this concentration seeks to take advantage of the College's urban setting as well as opportunities for internships and study around the country. At the local level, in part through various service learning classes, we support study, research, and internships in metropolitan Kalamazoo. The College's affiliation with the Philadelphia Center Program, together with its career development and SIP, provides openings for work and research in national centers. (Limits apply to the number of participants in the Philadelphia Center Program.) Off-campus experiences will serve both to develop practical experience and to promote insights based on comparisons between different approaches to social problems.

The Concentration in Public Policy and Urban Affairs

Number of Units

Six units are required.

Required Courses

Four core courses, one from each of the following areas:

Economics:
ECON 235, 240, 265, 275, or 280

Political Science:
POLS 105, 227, 230, 232, 260, 310, 325, or 420

Anthropology-Sociology:
ANSO 205, 235, or 270

Philosophy or Religion:
PHIL 105 or RELG 277

Electives

Students must complete two additional courses – one must be outside their major.

Students may use a second course from the above list of core courses or any of the following:

ANSO 220 The Family
ANSO 236 Race and Racism
ANSO 330 Class, Status, and Power
HDSR 210 Contemporary Issues in Public Health
POLS 108 Introduction to Political Theory
POLS 265 Feminism and Political Theory
POLS 270 The European Union: Institutions, Actors, Aliens and Outcomes
POLS 310 Women and the Western State*
POLS 380 Drugs, Democracy, and Human Rights

Experiential Requirement

Students must also engage in either a sustained volunteer experience, off-campus internship, or research project providing first-hand experience with a contemporary social problem.

Religion

Ms. Anderson (Chair), Ms. Gandhi, Mr. Haus, Mr. Petrey

Religion is a powerful and dynamic force, influencing and shaping the world in which we live in diverse and complex ways. In the Department of Religion at Kalamazoo College, students learn about what it means to define religion as a field of inquiry. We offer traditions-based courses in Christianity, Judaism, Islam, Buddhism, Hinduism, other religions of South and East Asia, and religious traditions in the Americas. We also offer courses on particular questions and methods, including religion and science, sexuality studies, women and feminist studies, material culture, transnationalism, and commodification. In all of our courses and in our own areas of research, we are committed to investigations of religion and religious experiences from a variety of angles, including questions of theology, history, linguistics, sociology, anthropology, texts, and philosophy. We examine religion in a comparative context, recognizing that religion reflects and is braided throughout economic, cultural, and political dimensions of human experience. The study of religion is challenging and invigorating because of the intersections and exchanges that unfold across different disciplines, traditions, and faith commitments.

Requirements for the Major in Religion

Number of Units

Eight units are required, not including the SIP. The major does not require a comprehensive exam nor a SIP in Religion.

Required Courses

Majors must complete at least four elective courses at the 200-level or above, in addition to both of the following courses:

RELG 390 Junior Seminar in Religion
RELG 490 Senior Seminar in Religion

We expect students to explore the diversity of religious traditions in close consultation with an advisor in the department.

Requirements for the Minor in Religion

Number of Units

Six units are required.

Required Courses

We expect minors to determine their array of courses in consultation with a member of the department. Minors must take at least three elective courses at the 200-level or above, and at least one of the two following courses:

RELG 390 Junior Seminar in Religion
RELG 490 Senior Seminar in Religion

Religion courses

RELG 102 Muhammad and the Qur'an In this course, we focus on the rise of Islam as a religious tradition. We ask the following questions: Who was Muhammad? How did Islam come to emerge as a defined religious tradition? What traditions influenced the establishment of the early Muslim community? What is the Qur'an? The final question asked in this course is how we should study Islam. This course examines pre-Islamic origins in the Middle East through 692.

RELG 105 From Jesus to Christianity This class critically engages the various scholarly narratives that describe the rise of Christianity by taking a close look at the texts used to construct these narratives, often with particular attention to the role of Christian women. How did a single "Christianity" emerge from a welter of alternatives and possibilities? Or did it? How did thinkers from Paul to Saint Anthony navigate the diverse teachings, rituals and social practices associated with Jesus of Nazareth and his followers to produce a religious movement that was oppressed by Roman imperial authority, but later came to occupy that authority?

RELG/CLAS 106 Introduction to the New Testament Study of this literature in its historical, political, and cultural contexts and its religious and theological claims; examination of critical methods and results.

RELG/HIST 107 Introduction to Jewish Traditions This course explores the development of Judaism from its ancient origins until the present. We will discuss the biblical foundations of Judaism and the impact that different historical contexts have produced on its rituals and beliefs. This approach raises a number of questions, which we will keep in mind throughout the course: What is Judaism? Who are the Jews? What is the relationship between Judaism and "being Jewish"? How have historical circumstances shaped this relationship? What has changed and what has stayed the same, and why? The class will address these questions through discussions and readings.

RELG 110 Hebrew Bible This course explores the writings of the Hebrew Bible (Christian Old Testament and Jewish Tanak), their relationship to the history and culture in which they were produced, and their relevance to more recent issues in modern religious discourse. We cover a range of topics, including divine encounters, worship practices, sacred space, political religion, archaeology, ethics, and gender. We apply several modern approaches as well as survey at various points the "afterlife" of the Hebrew scriptural traditions in Judaism and Christianity. No prior knowledge of or experience with the subject is assumed or required.

RELG 111 Religious History of the United States I This course is an introduction to the religious history of the United States and the diverse traditions that comprise this critical history. This course is the first of a two-course sequence and focuses on the Colonial, Revolutionary, and Antebellum periods (to 1860).

RELG 112 Religious History of the United States II This course is an introduction to the religious history of the United States and the diverse traditions that comprise this critical history. This course is the second of a two course sequence and focuses on the Civil War and the late 19th and 20th centuries. This class concludes with current events, thus giving student an opportunity to focus on contemporary issues.

RELG 115 Religions of Latin America This course is an introduction to the Religions of Latin America. Since Latin America includes 20 different nation-states, and since the divisions between Latin America, the Caribbean, and North America are often fuzzy at best, this class has been organized into seven loosely chronological themes, which will touch on various parts of the geographic region. These themes are: Pre-Columbian Religions; Encounter and Conquest; Slavery and Religion; Rebellion and Revolution; Progressive Catholicism; Protestant Challenges; and Continuous Diversity. Using an array of primary and secondary materials, we will look into the myriad of dynamics that make up the religious histories and narratives of Latin America.

RELG 125 What Is Religion? Studying religion is not a simple task. Using eight different categories (Studying Religion; Defining Religion; Religion as Function; Word and Belief; Practice and Ritual; Sacred Place and Space; the Arts; and Ethics and Morals), we explore various religious traditions to gain a better understanding of the different aspects of religious traditions and the questions involved in studying religions.

RELG 135 Liberation Theology Intensive study of the history and theology of modern liberation theologies, focusing on Latin American, African-American, and feminist theologies.

RELG 162 Introduction to Hindu Traditions This course is a basic introduction to the myriad of rituals, texts, practices, values and beliefs that make up Hindu Traditions in South Asia and beyond. This class covers early Hindu history and the various textual traditions, focuses on practices and divine interactions in the everyday lives of Hindus, and examines some of the historical and contemporary issues of conquest, integration, caste, migration and globalization.

RELG 171 Buddhism in South Asia An examination of the historical development of the textual traditions, symbols, doctrines, myths, and communities of Buddhism throughout South Asia. Explores Buddhism's rise and decline in India and its development in Sri Lanka, Tibet, and other Southeast Asian countries through the modern period.

RELG 202 Living Islams This course examines the diversity of Islam throughout the world, keeping in mind that there are many different faces of Islam. This course presumes some familiarity with the fundamentals of Islam -- Sunni and Shia -- as well as Sufi traditions, with an examination of the Sufi mystical traditions and the roles of women. Finally, we examine the impact of colonialism on Islam in the Middle East as a way to explore the historical and religious contexts of our understanding of Islam today.

RELG/ARTX/SEMN 205 Religious Art/Material Culture This course explores the relationship between religion and art. The arts, whether in the form of painting, sculpture, architecture or kitsch, are often vehicles for religious devotion and expression. At the same time, devotion to a divine figure has inspired some of the world's most beautiful pieces of art. Religion and art form a symbiotic relationship which can simultaneously be in tension and/or cohesive. Looking at various primary and secondary sources from a variety of religious traditions, we explore this tension and cohesion, which can be a window into larger societal and cultural issues. Given that we live in a mechanical age, special attention will be paid to the material production of religious kitsch and the place of religious art in the market. This course is a Shared Passages Sophomore Seminar.

RELG 208 Religion and Science This course is a historical and contemporary look into the relationships between religion and science. Beginning with the development of science as an independent system of inquiry and also with the evolving and multiple definitions of religion, this class will trace the contours, the moments of cooperation and the fault-lines of discourse between religion and science. This class seeks to cultivate nuanced and more subtle understanding of religious and scientific viewpoints, and the ways in which they intersect.

RELG 213 Catholicism in the United States This class is a history of the diverse group of people and their practices that make up the Catholic community in the United States. The approaches to this subject will be historical, anthropological, and ethnographic. By the end of the quarter students will not only gain an understanding of Catholicism as a religious tradition, but will also have detailed knowledge and grasp of the vast diversity of Catholics in the United States.

RELG/HIST 218 American Jewish Experience This course will explore the religious, social, political, cultural, and economic history of the Jewish people in America from the first settlement until the present. The major themes of study will focus upon the development of Judaism in America. We will take into account a number of historical factors that shaped that development: the economic, social, and political evolution of American Jewry and its institutions; Jewish immigration to the United States and its consequences; American Jewish

self-perception; and the relationship between Jews and non-Jews in American society. Assignments will draw upon a wide range of materials, from secondary historical studies and primary documents to fiction and film.

RELG 222 US Black Religious Experience When enslaved people were forced over the Atlantic from West Africa to the Americas, they did not arrive as “blank slates.” The Middle Passage was horrific and tragic, but humans are resilient, and during the darkest of times, divinity, rituals, practices, and beliefs are not only questioned but also embraced. This course looks at which religious traditions were rejected and which were embraced among the enslaved people of the United States. In order to do this, we follow the journeys of enslaved people, from West Africa to the Caribbean and to the plantations of the American South. We also examine the religious changes that Black Americans experienced after the Civil War and during the era of Jim Crow. Finally we examine the role of religions in the Civil Rights movement, as well as the religious lives of new immigrants from various parts of Africa and the Caribbean. Prerequisite: Sophomore standing.

RELG/SEMN 230 Same Sex, Gender, and Religion This sophomore seminar explores the intersection of religions, same-sex affection/love/relations, and the category of gender. At the most basic level we examine what different religions have to say about sexuality, in particular, non-heterosexualities. We look at the role that gender plays in these constructions of these sexualities, and we return to our starting point to analyze the role of religions in these constructions of gender and same-sex sexualities, affections, love, and/or relations. This course is a Shared Passages Sophomore Seminar.

RELG 231/ANSO 230 Sociology of Religion An introduction to theories and research in the sociology of religion, with particular emphasis on religious patterns in the United States. Attention will be given to the social sources of the growth and decline of various religious groups and traditions; relationships between religion, ethnicity, and politics; civil religion and cultural conflict.

RELG 235 Sex and the Bible This course is about sex and interpretation, focusing primarily on how Christians have interpreted the Bible around questions of human sexuality. The questions that we will consider are: What does it mean to say a particular view of sexuality and sexual behavior is “biblical” given the sheer variety of possible interpretations? How have changing notions of human sexuality affected the way that the biblical text is understood and deployed? We will explore these questions by reading key biblical texts from the Hebrew Bible and New Testament and their interpretation by thinkers from antiquity up to the present. Topics to be covered include marriage, gender, desire, same-sex relationships, and sexual renunciation. Prerequisite: Previous course(s) in the Department of Religion recommended but not required.

RELG/CLAS 255 Religions of Ancient Greece and Rome This course examines various forms of polytheistic religion and worship in classical paganism. Topics included are concepts of divinity, varieties of religious space and practices, distinctions between civic and private worship, religious festivals and rituals, attitudes towards death and afterlife, importations of Near-Eastern and African religions, and political and philosophical appropriations of religion. Students will become acquainted with a variety of texts (literary, epigraphical, and papyrological), archaeological sites, and religious art and artifacts. (This is a designated Greek and Roman literature or culture course in Classics.)

RELG 260 Women and Religion This course introduces students to the fundamental questions about women, feminism, and the academic study of religion. The class begins with feminist critiques of religion and explores the challenges of race, class, and colonialism. It examines tensions between institutionalized religions and spirituality, concluding with an analysis of power relationships in different cultural contexts.

RELG/CLAS 261 Judaism in Antiquity This course examines the history and literature of Judaism from the Second Temple Period to the beginnings of Rabbinical Judaism (400 BCE - 400 CE). This course explores the diversity of ancient Judaism and explores themes of religious and cultural identity. We shall consider the political and religious implications for Jews living under the Persian, Greek, Roman, and Christian empires, while briefly ruling themselves in the Hasmonean period. We will read a series of primary sources in translation from ancient Jews and non-Jews, as well as modern scholarly treatments of these works.

RELG/HIST 263 Jews in a Changing Europe, 1750-1880 Between 1780 and 1880 enormous changes took place in Jewish religious, political, social, intellectual, and economic life. These changes worked in tandem with developments in general European life to create new forces within Judaism and new ways of looking at the connections between Jews. In this course, we will study these developments as they affected the Jews on the European continent. In so doing, we will explore their consequences for both Jews and non-Jews, and the issues and questions they raised.

RELG/HIST 264 Jewish Revolutions: 1881-1967 Between 1881 and the period immediately following the Second World War, the world's Jews experienced momentous demographic, religious, political, economic, and social changes. These changes in turn shaped their relationship to non-Jews with whom they lived. This course will study the context of change across the globe from Europe and America to the Middle East and North Africa. Through primary and secondary documents, we will explore the forces that produced these changes and the results they produced for both Jews and non-Jews.

RELG/HIST 265 Zionism: From Idea to State This course explores the origins, development, and manifestations of Zionism. The course examines the transformation of traditional religious conceptions of the connection between Jews and the Land of Israel (Palestine) into a nationalist ideology in the 19th century. This transformation entailed parallel changes to the idea of Jewish peoplehood. Through the use of primary documents we will follow these trends through intellectual, religious, social, and political changes that culminated in the establishment of the State of Israel in 1948.

RELG/ANSO 266/SEMN 201 Culture, Nationality, and Religion Designed as a Sophomore Seminar, this course focuses on the connections and disjunctures between culture, religion, and nationality. By conducting ethnographic research with religious communities in the Kalamazoo area, students will develop a set of intercultural knowledge, attitudes, and skills that can be applied during their study abroad and will leave the course with an understanding of the ways that the processes of culture, religion and nationalism, transnationalism, and immigration play out in their own lives and in the dynamics of faith communities in the U.S. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomores only.

RELG/HIST 267 Women and Judaism This course explores the religious and social position women have historically occupied in Jewish society. We will discuss religious practice and theological beliefs as well as social and economic developments as a means of addressing questions such as: What role have women played in Jewish tradition? How are they viewed by Jewish law? How has their status changed in different historical contexts, and why might those changes have taken place? What are contemporary ideas about the status of Jewish women, and how have these ideas influenced contemporary Jewish practices and communal relations? What do the historical and religious experiences of Jewish women teach us about the way that Judaism has developed?

RELG/PHIL 270 Buddhas and Buddhist Philosophies This course begins with an examination of the biography of Gautama Buddha, the founder of Buddhism. Focusing first on the traditions of Theravada Buddhism, we explore the construction of the Buddha's life story

with attention to the Buddha as a model for the attainment of nirvana. We turn next to the explosion of Buddhas in Mahayana Buddhism and to the fundamental categories of the teachings of the Buddha. Questions at the center of this course are: Why have the teachings changed over time and throughout the spread of Buddhism throughout Asia? What remains "Buddhist" throughout the centuries? We examine these questions by examining the teachings of Theravada and Mahayana Buddhism using primary sources.

RELG 273 Buddhism in East Asia An examination of the historical development of the textual traditions, symbols, doctrines, myths, and communities of Buddhism throughout East Asia. Explores the introduction and establishment of Buddhism in China, Korea, and Japan, and compares the different schools of Buddhism that developed in dialogue with Daoism and Shinto.

RELG/AFST/HIST 274 Islam in Africa This course explores the spread of Islam from the Arab peninsula to the African continent in the seventh century through the nineteenth century and limns the factors which facilitated this advance. It examines the methods and principles of Islam and how the religion affected the life styles of its African neophytes and adherents. As a result of the interaction between Muslim and African civilizations, the advance of Islam has profoundly influenced religious beliefs and practices of African societies, while local traditions have also influenced Islamic practices. Muslims were important in the process of state-building and in the creation of commercial networks that brought together large parts of the continent. Muslim clerics served as registrars of state records and played a role in developing inner-state diplomacy inside Africa and beyond.

RELG 390 Junior Seminar in Religion The study of religion is comprised of a set of intersecting questions and issues with its roots in the nineteenth century. This course is designed to introduce students to those questions, to wrestle with those questions again. There is no single definition of religion, but there are conversations and questions that rest at the heart of the academic study of religion. The goal of this course is to learn how to consider religious experiences as aspects of dynamic and evolving interactions between thought and action, the immediate world and that which lies beyond, and individuals and communities. Required for religion majors in their junior year. Minors are required to take either this course in their junior year or RELG490, the Senior Seminar in Religion, in their senior year. Prerequisite: Two courses in Religion and Junior standing or permission

RELG 490 Senior Seminar in Religion Students examine a variety of theories of religion and use them to consider retrospectively some of the topics already considered in their various courses undertaken as part of their concentration. Designed as the capstone seminar for majors and minors, to be taken during the senior year. Required for religion majors in their senior year. Minors are required to take either this course in their senior year or RELG390, the Junior Seminar in Religion, in their junior year. Prerequisite: Major or minor in Religion or permission

RELG 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -> Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Romance Languages and Literature

Mr. Cohen, Ms. MacLean (Chair), Ms. Smith, Ms. Solberg, Ms. Valle

By studying foreign languages, students acquire not only linguistic skills but also an understanding of other peoples' literatures, histories, and cultures. They gain a new perspective from which to view their own country, way of life, and language. Knowledge of a second language is an important facet of a liberal arts education. Proficiency in a second language at the 201 level is a graduation requirement.

French Studies

The French program emphasizes listening, reading, writing, and speaking in all language courses. The department also offers courses in French literature and the literatures of Francophone Africa, Canada, Asia, and the Antilles. At least 80 percent of Kalamazoo College students study abroad, and for students interested in French, there are study abroad opportunities in Strasbourg and Clermont-Ferrand in France and in Dakar, Sénégal.

Coursework and off-campus experiences are complemented by on-campus opportunities that maintain or improve a student's language skills. Viewing French language films, reading French publications, conversing with classmates and native speakers at the French table, and attending area cultural events are among the opportunities offered.

Faculty members meet students inside and outside the classroom, participate in campus activities, and counsel students regarding career choices in music, high school and college teaching, science, publishing, government, international trade, international banking, non-governmental organizations, and other fields. French majors and minors at Kalamazoo College have traditionally done well in obtaining French government teaching assistantships for teaching English in France after graduation.

Placement

All incoming students who have previously studied or have had significant exposure to French must take the College's placement test. Students with three or more years of high school French will not be placed into FREN 101. Those students who wish to receive credit for language courses that they have taken at another college or university before enrolling at Kalamazoo College must take the French language placement test and test into a higher-level course than the one for which they are seeking credit. Any appeal of the placement test results should be directed to a French faculty member.

Advanced Placement (AP) and International Baccalaureate (IB) Credit for the Major or Minor

Students with AP or IB scores must still take the placement test in French. An Advanced Placement (AP) score of 4 or 5 in French language can be counted as one credit toward the French major or minor provided that the student take French 203 or beyond as her/his first French course at the college. Such students must still take the French language placement test. IB scores of 5-6-7 on the Higher Level may count toward a major, minor, or concentration at the discretion of the department faculty.

Requirements for the Major in French

Number of Units

Eight units are required, not including FREN 101, 102, or 201, but which may include the SIP. No more than two of these units (in either language or literature) may be earned during Study Abroad. No more than three units total may be earned off campus through any combination of study abroad, AP, IB, transfer credits or inter-institutional enrollment. Although a student may take any number of courses at the 200 (intermediate) level, no more than two 200-level courses may count toward the major.

Required Courses

FREN 301 Introduction to French Studies (prerequisite to all 400-level courses)

FREN 490 Senior Seminar

At least two additional units in 400-level courses on campus

Units from Study Abroad

Only two units to be used toward the major in French may be earned in a long term (6 month) or an extended term (9 month) program. One unit only from a short term (3 month) program may be used.

Those who did not take French 301 before Study Abroad will normally take that course upon their return to campus, but should consult with the department before doing so. All students will then take the senior seminar plus the requisite number of 400 level courses (and possibly a SIP) in order to complete the French major.

Majors are encouraged to develop appropriate cognate programs in areas such as History, Political Science, Economics, Music, Philosophy, International and Area Studies, or International Economics and Business. HIST 244 and 245 are highly recommended for French majors.

Requirements for the Minor in French

Number of Units

Six units are required, not including FREN 101, 102, or 201, but which may include the SIP. Although a student may take any number of courses at the 200 (intermediate) level, no more than two 200-level courses may count toward the minor.

Required Courses

FREN 301 Introduction to French Studies

Electives

Five courses chosen from the following (at least three must be at the 400 level): FREN 202, 203, 401, and above.

Units from Study Abroad

1. A student may count from abroad only one unit towards the minor in French. The unit, which must have been taught in the French language, may be in the literature of the Francophone world, or in language, or in a cultural/topical course pertaining to the Francophone world. Please consult the department.
2. Normally, students who go on Study Abroad before taking French 301 will take that course upon their return to campus, but they should consult with the department before doing so.

French courses

FREN 101 Beginning French I Introduction to the French language and the French-speaking world. Students begin developing competency in the four basic skills (reading, writing, listening, and speaking) through communicative activities and cultural exploration. Prerequisite: Placement test if student has any prior experience with French.

FREN 102 Beginning French II Further development of the four skills through continued exploration of the French-speaking world. Students will work to acquire the linguistic skills and cultural knowledge needed to navigate a variety of cultural settings. Prerequisite: FREN-101

FREN 201 Intermediate French The refining and expansion of communicative skills. Students develop critical thinking and cross-cultural competency by reading, discussing, and writing about authentic texts. Prerequisite: FREN-102

FREN 202 Conversation and Composition Critical explorations of the French-speaking world through focused reading, discussion, and related written assignments. Prerequisite: FREN-201

FREN 203 Engaging With Texts Students enrich their vocabulary and increase their sensitivity to nuance while examining a wide variety of texts (fiction, non-fiction, image, film, songs, etc.). New reading skills will result in the ability to produce texts (both oral and written) in a wide variety of styles. Students begin to acquire a more sophisticated knowledge of the intricacies of the French-speaking world while putting into practice more complex forms of written and oral expression. Prerequisite: FREN-202

FREN 301 Introduction to French and Francophone Studies An interactive, discussion-based course helping student acquire skill in the reading and interpretation of French and other Francophone texts, presented in their cultural and historical contexts. Course offers opportunities for refinement of written and presentational skills. Prerequisite: FREN-203

FREN 301S/SEM 236 Introduction to French and Francophone Studies Introduction to literary, cultural, and historical topics. An interactive, discussion-based course helps students acquire skill in the reading and interpretation of French and African texts, presented in their cultural and historical contexts. The seminar will focus on cultural and literary texts from the French-speaking study abroad destinations of Alsace, Auvergne, and Sénégal. Course offers opportunities for refinement of written and presentational skills. This course is a Shared Passages Sophomore Seminar. Prerequisite: FREN-203

FREN 401 Topics in French and Francophone Cultures Reading, research, and discussion on selected topics and issues in the French-speaking world. Please consult with the instructor about the current topic. Past topics have included "Immigration in Contemporary France" and "Le handicap: a multi-disciplinary approach." May be repeated for credit if content is different. Prerequisite: FREN-301 or FREN-301S

FREN 420 Medieval and Renaissance French Literature and Culture A study of texts and other cultural artifacts (such as art and

music) from the cultures of the High Middle Ages through the Renaissance of the 16th century. Genres include courtly/Arthurian romance and poetry, comic theater, essays, comic and serious prose fiction, and Renaissance lyric poetry. Students will examine the transition from a church-centered culture to a human-centered (humanist) society and the changes in subject matter and writing practices brought about by this transition. Prerequisite: FREN-301 or FREN-301S

FREN 425 French and Francophone Cultures From the 17th and 18th Centuries A study of the Classical period of the 17th century and the 18th century Enlightenment. Texts include Classical tragedy and comedy, prose fiction, and the satirical and topical literature of the philosophes. Seventeenth-century literature shows the French bent for psychological exploration and social criticism. In engaging with Enlightenment thought, students will find how it has shaped the way of thinking to the present day not only in French and Francophone cultures but in many other cultures as well. Prerequisite: FREN-301 or FREN-301S

FREN 430 French and Francophone Cultures From the 19th Century to the Contemporary Period A study of the Romantic and Realist movements of the 19th century (focusing on authors such as Hugo and Flaubert) and Symbolist poetry (such as Baudelaire and Rimbaud). In the 20th century, a study of the modernists (such as Gide and Proust); the Existentialists (such as Camus and De Beauvoir); and postmodern fiction (such as Beckett and Le Clézio). In looking at the evolution of themes and textual practices, students will learn how the French-speaking world of today was shaped by the political, historical, and social changes following the French Revolution, the Franco-Prussian War and two World Wars; and by the era of colonization and decolonization. Prerequisite: FREN-301 or FREN-301S

FREN 435 Advanced Literary and Cultural Studies Courses focused on major authors (such as Molière), cultural movements (such as Existentialism), or themes (such as love, or national identity) in the French-speaking world. Topics will vary according to student or faculty interest. May be repeated for credit if content is different. Prerequisite: FREN-301 or FREN-301S

FREN 450 Le Theatre Comique En France A study of theatrical forms and practices from the medieval period through the contemporary, such as: medieval "street theater," 17th century comedy and tragedy; 19th century Romantic drama, and 20th century experimental theater. The course will focus on a variety of topics, such as: the development of theatrical characters, traditional and non-traditional play structures, the influence of staging on audience reception, and theater as social revolt. Prerequisite: FREN-301 or FREN-301S

FREN 490 Senior Seminar Topics in French and/or Francophone literatures, culture, and history. Prerequisite: FREN-301 or FREN-301S; French major or permission.

FREN 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum & Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Spanish Language and Literature

The Spanish program emphasizes listening, reading, writing, and speaking in all language courses. The department also offers courses in Peninsular and Spanish-American literature. There are study abroad opportunities in Madrid and Cáceres, Spain; Quito, Ecuador; Oaxaca, Mexico; San José, Costa Rica; and Santiago and Valparaíso, Chile.

Off-campus experiences are complemented by on-campus study and experiences that maintain or improve a student's language skills. Opportunities to view Spanish language films, read Spanish publications, and converse with native speakers are an integral part of the Spanish program.

Faculty members meet students inside and outside the classroom, participate in campus activities, and counsel students regarding career choices in foreign service, music, high school and college teaching, science, publishing, international trade, international banking, and other fields.

Placement

All incoming students who have previously studied Spanish in high school or elsewhere or have had significant exposure to Spanish must take the college's placement test in Spanish. Students with three or more years of high school Spanish will not be placed into SPAN 101. Those students who wish to receive credit for language courses they have taken at another college or university before enrolling at Kalamazoo College must take the Spanish language placement test and test into a higher-level course than the one for which they are seeking credit. Any appeal of the placement test results should be directed to a Spanish faculty member.

Advanced Placement (AP) and International Baccalaureate (IB) Credit for Spanish Major and Minor

Students with Advanced Placement (AP) scores must still take the placement test in Spanish. An Advanced Placement (AP) score of 4 or 5 in Spanish language will count as one credit toward the Spanish major or minor, provided that the student take Spanish 203 or beyond as her/his first Spanish course at the college. Such students must still take the Spanish language placement test.

An advanced placement (AP) score of 5 in Spanish literature shall count as one credit toward the Spanish major or minor provided that the student take Spanish 203 or beyond as her/his first Spanish course at the college.

IB scores of 5-6-7 on the Higher Level may count toward a major, minor, or concentration at the discretion of the department faculty.

Requirements for the Major in Spanish

Number of Units

Eight units are required, not including SPAN 101, 102, or 201 but which may include the SIP. No more than two of these units can be earned during study abroad. No more than three units total may be earned off campus through any combination of study abroad, AP, IB, transfer credits or inter-institutional enrollment. Although a student may take any number of courses at the 200 (intermediate) level, no more than two of these courses may count toward the major.

Required Courses

SPAN 301 Introduction to Hispanic Literature (prerequisite to all 400 level courses)
SPAN 491 or 492, the Senior Seminars (taken in the spring quarter of the senior year)
At least two additional units in 400-level courses taken on campus.

Comprehensive Exam

The successful completion of Comprehensive Examinations (given during the Senior year) is a requirement for the Spanish major.

Units from Study Abroad

Only two units, to be used toward the major in Spanish, may be earned in a long term (6 month) or an extended term (9 month) program. One unit only from a short term (3 month) program may be used.

1. The student who goes abroad AFTER having taken SPAN 301 may bring back one unit in hispanophone literature, and another one in language or topics pertaining to the country/region; or just one unit in the case of a short term program. That student must still take the Senior Seminar and enough 400-level courses on campus to complete the eight-unit requirement.
2. The student who goes abroad BEFORE having taken SPAN 301 may bring back one unit in hispanophone literature, and another one in language or topics pertaining to the country and region; students on short term programs may only bring back one unit. These units will count as electives towards the major and not as 400-level courses. Students must still take SPAN 301, the Senior Seminar, and enough 400-level courses to complete the eight-unit requirement.

Spanish majors are expected to participate in the Study Abroad program and acquire a high proficiency of language skill. Spanish majors are encouraged to develop an appropriate cognate program in areas such as History, Political Science, Economics, Music, Philosophy, Anthropology, Sociology, International and Area Studies, or International Economics and Business.

Requirements for the Minor in Spanish

Number of Units

Six units are required.

Required Courses

SPAN 301 Introduction to Hispanic Literature

Electives

Five courses chosen from the following (at least three must be at the 400-level)

SPAN 202, 203, 401 and above

Units from Study Abroad

1. A student may count only one unit from abroad toward the minor in Spanish. The unit, which must be taught in Spanish, may be in the literature of the hispanophone world, or in language, or a cultural/topical course pertaining to the hispanophone world.
2. If a student has taken SPAN 301 (Introduction to Literature) before going abroad, the student brings back a unit in literature (from abroad) towards the minor. A student who goes abroad before taking SPAN 301 needs to take SPAN 301 and enough 400-level courses on campus after study abroad in order to complete the minor requirements.

Spanish courses

SPAN 101 Beginning Spanish I Introduction to the Spanish Language and the Spanish-speaking world. Students begin developing competency in the four basic skills (reading, writing, listening, and speaking) through communicative activities and cultural exploration. Prerequisite: Placement test if student has any prior experience with Spanish.

SPAN 102 Beginning Spanish II Further development of the four skills through continued exploration of the Spanish-speaking world. Students will work to acquire the linguistic skills and cultural knowledge needed to navigate a variety of cultural settings. Prerequisite: SPAN-101

SPAN 201 Intermediate Spanish The refining and expansion of communicative skills. Students develop critical thinking and cross-cultural competency by reading, discussing, and writing about authentic texts. Prerequisite: SPAN-102

SPAN 202 Conversation and Composition Critical explorations of the Spanish-speaking world through focused reading, discussion, and related written assignments. Prerequisite: SPAN-201

SPAN 203 Advanced Conversation and Composition An introduction to the critical analysis of texts from the Spanish-speaking world. Students begin to acquire a more sophisticated knowledge of the intricacies of the Spanish-speaking world while putting into practice more complex forms of written and oral expression. Prerequisite: SPAN-202

SPAN 205 Culture of Health and Disease in the Hispanic Community This course enables students to connect with Spanish-speaking clients and healthcare providers by teaching appropriate vocabulary and presenting different cultural attitudes and practices. A service-learning component is included in this course. Prerequisite: SPAN-201

SPAN 301 Introduction to Hispanic Literatures An introduction to the periods, concepts, genres, and major figures of Spanish and Spanish-American literature. Using selected texts, discussion, and a variety of written assignments, this course will introduce students to literary analysis and bibliographic methods. Prerequisite: SPAN-203

SPAN 401 The Spanish-Speaking World on Film Research, discussion, and analysis of selected topics and issues in the Spanish-speaking world as reflected in film. Students develop the vocabulary and critical-thinking skills necessary to analyze and interpret the genre in both oral and written form. This course may be repeated for credit toward graduation if the content is different, but may count only once toward the major or minor. Prerequisite: SPAN-301

SPAN 435 Advanced Literary Studies Course focuses on major figures and movements in Spanish and/or Spanish-American literature. Topics will vary. May be repeated for credit if the course content is different. Prerequisite: SPAN-301

SPAN 455 Limits of Genre This course explores the limits of the traditional boundaries (poetry, narrative, drama, essay) among literary

classifications. Appropriate cultural, historical, and political context provides the backdrop to understand the crossing of boundaries among literary genres and the incorporation, in literary texts, of diverse art forms. Prerequisite: SPAN-301

SPAN 460 Early Modern Spain A survey of the major movements, figures, and works of the 15th, 16th, and 17th centuries. Students will explore the social, historical, and aesthetic contexts of early modern Spain through a study of the cultural production of the period and pertinent secondary texts. Prerequisite: SPAN-301

SPAN 465 Spanish Culture From the Enlightenment to the Restoration A survey of the literary, social, and ideological currents of the 18th and 19th centuries in Spain. Students will study encyclopedic writing, neoclassical theatre, romantic theatre and poetry, and realist and naturalist narrative. Prerequisite: SPAN-301

SPAN 470 Modern Peninsular Literature A survey of the major writers and cultural movements in Spain from the Generation of 1898 until the contemporary period. Students will focus on how writers challenged and represented the historical, social, and cultural changes of the 20th century. Prerequisite: SPAN-301

SPAN 475 Spanish-American Literature I Study of the principal literary figures, works, and characteristics of the Pre-Hispanic period, the Colonial Period, Neoclassicism, and Romanticism. Prerequisite: SPAN-301

SPAN 480 Spanish-American Literature II Study of the principal literary figures, works, and characteristics of Realism, Naturalism, Modernism, Post-Modernism, Vanguardia, and the Post-Vanguard movements. Prerequisite: SPAN-301

SPAN 485 Contemporary Spanish-American Literature Examination of the intellectual and literary patterns in Spanish-American literature from the mid-20th century onward, with emphasis on the literary expression of social and philosophical thought. Prerequisite: SPAN-301

SPAN 491 Peninsular Spanish Seminar Advanced study of outstanding authors, works, or genres that will vary to reflect the interest of students and the professor. Prerequisite: One unit above SPAN 301

SPAN 492 Spanish-American Seminar Advanced study of outstanding authors, works, or genres that are generally recognized as seminal to an understanding of Spanish America's social, philosophical, and aesthetic traditions. Prerequisite: One unit above SPAN 301

SPAN 495 Spanish & Spanish-American Romanticism The aim of this course is to give the student a broad view of the Romantic movement as it manifests itself in Spanish-American Literature in the first decades of the XIXth century in lyric poetry, the theatre, and the novel. Spanish authors include poet Jose de Espronceda and dramatists Francisco Martinez de la Rosa, Juan Eugenio Hartzenbusch, and Jose Zorrilla. Latin American writers include Cuban poet Jose Maria de Heredia, Cuban novelist Gertrudis Gomez de Avellaneda, and Colombian novelist Jorge Isaacs. Prerequisite: SPAN-301

SPAN 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum & Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Shared Passages Seminars

The three Shared Passage Seminars serve as both preparation for, and integration of, the rich, transformational components of the *K-Plan*. First-Year Seminars prepare students for further work at the College by focusing on writing and communication, introducing global or intercultural ideas, and encouraging students to reflect on their transition to college. Sophomore Seminars delve more deeply into cultural issues and intercultural understanding, preparing students for study abroad and living in a global world. Senior Seminars focus on integrating students' Kalamazoo College experiences and preparing them for future lives beyond "K." Disciplinary seminars integrate students' experience inside and outside a particular major, while interdisciplinary seminars allow students from a variety of majors to apply diverse aspects of their Kalamazoo education to an interesting topic or problem.

First-Year Seminars

Inaugurated in 1990, First-Year Seminars involve faculty from many different departments, who develop special topics courses that introduce students to the critical thinking and writing skills required in college, including a particular focus on intercultural understanding. Kalamazoo College's First-Year Seminars

- help students achieve college-level skills, particularly in critical thinking, writing, and speaking;
- help students find and develop a voice through writing, speaking, analytical reading, and discussion;
- are taught in a discussion rather than a lecture format;
- integrate collaborative and group work, research strategies, peer reviewing, and effective discussions, all promoting active, engaged learning;
- contain a significant intercultural component, appropriate to an internationally-focused college; and
- include a "Survivor in the Library" session, intended to help students learn research techniques and apply them to a focused project.

Students write frequent, short papers, with many opportunities for revision. Writing Consultants from the college's Writing Center offer guidance on projects. Peer Leaders assigned to each Seminar serve as mentors. First-year academic advising is linked to the Seminars; students are advised by either the professor or a co-advisor.

Sophomore seminars

SEM 201/ANSO 266/RELG 266 Culture, Nationality, and Religion Designed as a Sophomore Seminar, this course focuses on the connections and disjunctures between culture, religion, and nationality. By conducting ethnographic research with religious communities in the Kalamazoo area, students will develop a set of intercultural knowledge, attitudes, and skills that can be applied during their study abroad and will leave the course with an understanding of the ways that the processes of culture, religion and nationalism, transnationalism, and immigration play out in their own lives and in the dynamics of faith communities in the U.S. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomores only.

SEM/ARTX 204 Drawing Today: Uncommon Visions Drawing Today introduces current themes in drawing and provides an

innovative approach to basic skill development required to produce images in a contemporary context. Students will read and discuss issues related to art and visual culture from around the world. Class time will be divided between discussion of important issues in contemporary art and hands on drawing instruction. Homework will include daily readings and weekly drawing projects that will allow students the opportunity to reflect upon theory and their assumptions of what drawing is and who it is that produces it. This course is a Shared Passages Sophomore Seminar.

SEM/ARTX/RELG 205 Religious Art/Material Culture This course explores the relationship between religion and art. The arts, whether in the form of painting, sculpture, architecture or kitsch, are often vehicles for religious devotion and expression. At the same time, devotion to a divine figure has inspired some of the world's most beautiful pieces of art. Religion and art form a symbiotic relationship which can simultaneously be in tension and/or cohesive. Looking at various primary and secondary sources from a variety of religious traditions, we explore this tension and cohesion, which can be a window into larger societal and cultural issues. Given that we live in a mechanical age, special attention will be paid to the material production of religious kitsch and the place of religious art in the market. This course is a Shared Passages Sophomore Seminar.

SEM/ARTX 206 Ceramics: World Pottery World Pottery is a hands-on studio course with a significant research component. This course is intended as a pre- or post-study abroad seminar. Class time will be used to introduce students to a variety of clay bodies and clay-forming techniques from historical and regional perspectives. Creative assignments ask students to consider and critique the role of cultural exchange and image appropriation within historical ceramics and in their own creative work. Projects will also investigate the roles of different types of pottery within contemporary American society, as a point of reference and departure. Each student will propose, execute and present a research project related to their study abroad site. Lectures, critiques, and discussions will focus on individual and societal assumptions about pottery. This course is a Shared Passages Sophomore Seminar. Prerequisite: ARTX 120, ARTX 125, or permission.

SEM/ENGL 208 Food and Travel In this writing-intensive class we will study the possibilities of journalism and creative nonfiction through the various forms of food writing and its relationship to place. Through reading and writing, we will explore food as sustenance, as a route through memory, as a reflection of culture and place, as both personal and public, and as history and politics. This course is a Shared Passages Sophomore Seminar. Prerequisite: ENGL-105 or ENGL-107 and Sophomore standing.

SEM/ARTX 214 Framing Difference This course will combine research and studio components, split more or less evenly. The research topic, broadly painted, will be fine art documentary practices, grounded with an entry-level hands-on studio component (using both film and digital photography). There are two motivations for this course: to give students creative control of photographic tools (technical, formal, conceptual) prior to their leaving for study away, but also to explore the issues and ethics of photographic documentary practice. While the broad research topic is documentary practice (theory/tradition), this course will place particular emphasis on the ethics of photographing outside of one's own group. This course is a Shared Passages Sophomore Seminar.

SEM/ENGL 217 World Indigenous Literatures: The People and the Land A selective study of the literary traditions and contemporary texts of indigenous peoples around the world, focusing on indigenous communities in regions where Kalamazoo College students study and with a particular emphasis on texts that explore the complex relationships between indigenous communities and the land they claim as their own. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomore standing.

SEM/ENGL 218 Post-Colonial Literature This course will investigate some of the central issues in the field of post-colonial literature and theory, such as how literature written in the colonial era represented the colonized and impacted those who were depicted and how writers and readers deployed literature as a method of exploring new possibilities of identity. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomore standing.

SEM 219 Magical Realism Magical realism is a genre that combines elements of the fantastic with realism often in order to imagine utopias or resist restrictive aspects of society. This course will examine the genre, interrogate its relationship to other genres of fantasy, and consider the relationship between the aesthetic patterns of the genre and its potential for social advocacy. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomore standing.

SEM/CHIN 220 Chinese Food Culture Chinese culture is among the most food-conscious ones. Through China's long history, food has always been a means of communication, a symbol of good life, and at the same time a target of criticism for its indulgence and improper distribution. Additionally, it has been a provision for healthcare, and a rich resource of linguistic expressions and literary allusions and metaphors. These will be the topics of the seminar, which should be a meaningful and effective pathway to the core of Chinese life and philosophy. This course is a Shared Passages Sophomore Seminar.

SEM/RELG 230 Same Sex, Gender, and Religion This sophomore seminar explores the intersection of religions, same-sex affection/love/relations, and the category of gender. At the most basic level we examine what different religions have to say about sexuality, in particular, non-heterosexualities. We look at the role that gender plays in these constructions of these sexualities, and we return to our starting point to analyze the role of religions in these constructions of gender and same-sex sexualities, affections, love, and/or relations. This course is a Shared Passages Sophomore Seminar.

SEM/ANSO 233 Capitalisms and Socialisms This course will look at different political and economic systems around the world and across times. Ideological debates tend to idealize and simplify the notions of capitalism and socialism, thus ignoring the fact that neither of those systems exists in the vacuum of its "pure" theoretical form. We will explore various elements of capitalist and socialist systems and how these elements mix together in different countries. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomore standing.

SEM 234/HIST 236 End of Christendom: Piety, Ritual, and Religious Upheaval in the Sixteenth Century This course examines the complex social, cultural, religious, and political repercussions of religious reform over the course of the long sixteenth century, from the earliest glimmers of discontent among Hussites and Lollards to the violent wars of religion that characterized the seventeenth century. Topics include lay piety and religious ritual, the reform of daily life, confessional antagonism, print culture and propaganda. Primary sources on this topic are plentiful, and we pay particular attention to the exceptionally rich visual sources of this period. This course is a Shared Passages Sophomore Seminar.

SEM/PSYC 235 Psychology of Crossing Borders This course is designed for those who would like to have an introduction to the psychology of studying abroad. It includes coverage of a number of topics that are germane to understanding the process of crossing cultures. It is particularly relevant for students who wish to reflect deeply on their experience of studying abroad. There will be a special focus on the reflective process while learning to journal and write reflective papers. An intercultural project done in Kalamazoo will be required. Reflective papers and tests will be required every three weeks. This course is a Shared Passages Sophomore Seminar. Prerequisite: PSYC-101

SEM N 236/FREN 301S Introduction to French and Francophone Studies Introduction to literary, cultural, and historical topics. An interactive, discussion-based course helps students acquire skill in the reading and interpretation of French and African texts, presented in their cultural and historical contexts. The seminar will focus on cultural and literary texts from the French-speaking study abroad destinations of Alsace, Auvergne, and Sénégal. Course offers opportunities for refinement of written and presentational skills. This course is a Shared Passages Sophomore Seminar. Prerequisite: FREN-203

SEM N/PSYC/ANSO 238 Culture and Psychology of Arab-Muslim Societies This course provides an introduction to Arab-Muslim societies and cultures. It draws on readings from multiple disciplines to cover social structure and family organization in tribal, village, and urban communities, core value systems associated with the etiquettes of honor-and-modesty and with the beliefs and practices of Islam, and influences on psychological development through the life-span. It also will examine the processes of "modernization" and "underdevelopment," the conflict between Westernization and authentic "tradition," the "Islamic revival," and the crisis of identity experienced by youth. Prerequisite: Sophomores Only

SEM N 241/GERM 202 Reading European Cities: Istanbul, Vienna, Berlin This course, taught in English, will address the questions of how we may understand a culture by learning to "read" its cities. Texts range from maps, travel guides, histories and architecture to films, memoirs, and fiction - an array of genres that highlights the status of the modern city as both a physical place and an imaginary construct. Istanbul, Vienna, and Berlin will serve as case studies for the practice of reading and interpreting urban narratives, and the course will culminate with student research projects and presentations on the cities in which they plan to study abroad, or a city of their choice. This course is a Shared Passages Sophomore Seminar.

SEM N/JAPN 242 Contested History This course will examine two major sites of contested history: the controversies surrounding the proposed exhibit of the Enola Gay at the Smithsonian and those related to Yasukuni Shrine, which enshrines the war dead in Tokyo Japan. Our goal is not to arrive at a definitive judgment on any of these events or sites, whether on political, military, or ethical grounds. Instead, we will interrogate various perspectives, placing them in the context in which they operated and critically analyzing their argumentation. By doing so, we will achieve not only a complex view of the events and sites but of the frames of understanding through which people -- participants and witnesses, scholars, politicians -- arrive at their conclusions. This course is a Shared Passages Sophomore Seminar.

SEM N/ANSO 255 You Are What You Eat: Food and Identity In a Global Perspective The goal of this course is to examine the social, symbolic, and political-economic roles of what and how we eat. While eating is essential to our survival, we rarely pay attention to what we eat and why. We will look at the significance of food and eating with particular attention to how people define themselves differently through their foodways. We will also study food's role in maintaining economic and social relations, cultural conceptions of health, and religion. Finally, the class examines the complex economic and political changes in food systems and the persistence of food's role as an expression of identity, social and ethnic markers. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomore standing.

SEM N 256/MUSC 205 Music and Identity Music serves multiple roles: a force for social transformation, a flag of resistance, a proclamation of cultural identity, a catalyst for expressing emotion, an avenue to experiencing the sacred. Students will look at identity through the lens of contemporary and traditional American music and will consider how race, ethnicity, age, gender, national identity, and other factors express themselves in and are shaped by music. The ability to read music is not required; a love of music and an interest in American culture are essential. This course is a Shared Passages Sophomore Seminar.

SEM N/ENGL 264 Global Shakespeares Shakespeare is the most translated, adapted, performed, and published Western Author. Just what this means to Western and non-Western cultures is at the heart of this course. What does it mean to think of Shakespeare as a colonizing force? What additional ways are there to see the influence of his works? Many cultures have written back to Shakespeare, addressing race, sexuality, gender, and religion from their own cultural perspectives. What do exchanges between differently empowered cultures produce and reproduce? We'll tackle such questions as we read works by Shakespeare and literary/film adaptations from around the globe. This course is a Shared Passages Sophomore Seminar. Prerequisite: Sophomore standing.

SEM N/THEA 265 First Theatres This sophomore seminar will survey the "first theatres" of many different areas of the pre-modern world -- including the Abydos Passion Play of ancient Egypt, Yoruba ritual, ancient Greek & Rome, Japanese Noh Theatre, early Chinese music drama, Sanskrit theatre of India, and European Medieval theatre. Through research, discussion, and critical thinking exercises, students will be encouraged to view performance as an intercultural and continually developing phenomenon in both art and daily life. This course is a Shared Passages Sophomore Seminar.

SEM N/THEA 275 Theatres in the Age of Print This sophomore seminar will survey the theatre in Cultures in the Age of Print 1500-1900, including the Italian Renaissance, Spanish Golden Age, Neoclassical France, Elizabethan England, Japanese Kabuki and Bunraku Theatre, Indian Kathakali Theatre, English Restoration, and European and American melodrama of the 19th century. Through research, discussion, and critical thinking exercises, students will be encouraged to view performance as an intercultural and continually developing phenomenon in both art and daily life. This course is a Shared Passages Sophomore Seminar.

SEM N/ANSO 278 Space, Place, and Landscape This course is an introduction to core concepts in cultural geography. Students will develop skills in spatial analysis as a useful, critical way of investigating the dynamics of culture and social structure. The course places particular emphasis on how power dynamics around race, gender, sexuality, class, nationalism, and colonialism are geographically embedded and constituted. This course is a Shared Passages Sophomore Seminar.

Senior seminars

SEM N 401 Energy Policy & Use Worldwide While the United States has spent much of the last 25 years letting market forces determine energy policy, most of the other industrial nations have articulated and implemented various policies with respect to energy and environmental issues. How have these various policies worked out? The premise of this course is that the U.S. can learn from what other nations have already done, and are currently doing. The success or failure of these various policies depends on the viewpoint of the observer, of course, as well as various economic, political, and environmental factors. Prerequisite: At least three courses in either natural science, economics, or political science, with a major in one preferred.

SEM N 402 Complex World Problems Complex system theory leads to new ways of thinking about world problems, and new observations about competition and cooperation (or lack thereof) in worldwide efforts to address global and local challenges. Topics of discussion will include: evolutionary perspectives on language; cultural and social norms; biological and social epidemics; risk management; and humanoid robots. While the class is not technical, it is based on a scientific approach. The class is appropriate for any seniors interested in our complex world and for juniors, if space is available.

SEM N 403 Global Violence This course takes up the problem of global conflict and violence, asking participants to frame these phenomena in personal terms: what does the present (and historical) fact of global violence demand of us as individuals? How can a

modern life take on meaning in a world that is constantly circumscribed by acts of violence (domestic, political, local and international)? Taking examples from both classic texts on violence (Hannah Arendt's *Eichmann in Jerusalem*; Akira Kurosawa's film *Roshomon*) and the most recent commentary (Slavov Zizek's *Violence and First as Tragedy, Then as Farce*) and filmmaking on the subject (Michael Moore's *Bowling for Columbine*) as our guide, this class will explore the systemic origins of and range of possible responses to violence, ultimately asking students to reflect upon the meaning of violence in their own lives and their strategies for responding to this omnipresent phenomenon.

SEM N 404 Leading for Social Justice This course is designed for sophomores who want to hone their knowledge and skills around leading for social justice. Such knowledge and skills include catalytic leadership, intercultural competence, collaboration, cultural understandings of leadership, and critical reflection. We will specifically seek out students who are currently engaged in leadership activities on campus. We intend to aim the course at the point of praxis, engaging the course participants in discussions of social justice, leadership theory and practice, and the intersections between them. They will be expected to apply the concepts discussed in the course in their day to day leadership activities. This will provide the opportunity for students to critically reflect on their own leadership on campus, particularly in terms of the degree to which their leadership furthers social justice and embodies the principles and practices we are reading and discussing. This course stems from our own social justice leadership work with community leaders around the country.

SEM N 415 Creating Sustainable Cities in the Post-Industrial Era This course focuses on understanding America's present land use policies and practices and exploring new ways cities and suburbs can become thriving communities today and in the future. The course will also investigate options available to students as citizens and/or professionals in order to affect change through urban revitalization, attention to social and economic development, energy resources, and local food.

SEM N/CHIN 495/IAS T 490 National Identity This course, an interdisciplinary senior seminar on the subject of national identity, asks students to consider what it means to be a citizen of a nation. Our course will begin with a discussion of basic concepts such as nation, national identity, and nationalism, as well as an introduction to important theoretical frameworks and recent scholarship. This will be followed by case studies in which we will examine the nature, sources, and consequences of national identity on individual nations. In each instance, we will analyze the characteristics of national identity as it relates to other forms of collective identity (i.e., religious, ethnic, territorial, etc.). We will also discuss the relationship between national and individual identity, and the role that national identity plays in modern politics and society. The overarching question we will be exploring is: What does the existence of national identity say about us? And how can an understanding of the meaning of national identity help us to better communicate with the governments and peoples of other nations in an age of globalization? This course is a Shared Passages Senior Seminar, scheduled for Spring of 2012.

SEM N/ARTX 496 S.P.A.C.E. A senior-level service-learning course that explores the relationship between art and activism, social justice, community and/or civic engagement. Students from both art AND non-art disciplines/majors will work together in small groups similar to mini "think tanks" to develop ideas for interdisciplinary artworks and/or events that could be created with community partners like Kalamazoo Loaves and Fishes and Education for the Arts, among others. Project design is primarily theoretical--groups will draft (as their final product) a formal proposal and/or project grant based on their project concept. Among the questions students will investigate during the term are: How can art facilitate our experiences in public and private spaces? Who has access to a space? How do we share space and interact within it? Class and project workspace is housed off-campus in the Park Trades Center. Professional skills such as responsible partnering, grant seeking/writing, and project design will also be covered. This course is a Shared Passages Senior Seminar. One-time offering: Spring 2011

Theatre Arts

Ms. Berthel (Chair), Mr. Menta (Director of Theatre), Mr. Potts, Mr. Reeves

Dedicated to the liberal arts traditions and innovations of Kalamazoo College, the Department of Theatre Arts offers students access to the collaborative nature of drama through the integration of both creative and analytical courses, production laboratories, internships, and individualized projects. By studying the wealth of worldwide theatre traditions reflecting the pluralism in our society and the interdependence of all peoples and cultures, students gain the research tools for self-discovery; informed, critical thinking; the ability to take action on their ideas and responsibilities; and the development of the kind of self-esteem and values that will lead them as artists toward enjoying a lifelong journey of personal growth and inquiry in a climate whereby each may learn to speak with his or her own voice.

Open to all, majors and nonmajors alike, theatre arts productions emphasize both personal and skill development in acting, design, stage management, technical areas, and directing. The productions also serve as creative activities for students and enjoyable, thought-provoking entertainment for audiences. The academic program focuses upon a wide range of dramatic styles, encouraging students to understand the breadth of dramatic literature from the classical to the most contemporary. Experiential components are clearly linked with classroom studies and offer involvement with the Festival Playhouse Company, drama study in England, student projects in the experimental Dungeon Theatre, placement with regional and professional theatres, and opportunity for participation in the GLCA New York Arts Program. Students interested in these opportunities should consult with department faculty regarding options and prerequisites.

Requirements For the Major In Theatre Arts

Number of Units

Ten units are required (including one unit of THEA 200), not including the SIP (a Theatre Arts SIP is encouraged, but not required).

Required Courses

Foundations (Two units to be completed in first year):

THEA 110 Stagecraft

THEA 120 Fundamentals of Acting

Explorations (Four units to be completed, if possible, by end of second year):

One design course (to be completed by end of sophomore year) chosen from among:

THEA 210 Stage Lighting

THEA 235 Costuming & Stage Makeup

THEA 240 Scenic Design

Two theatre histories chosen from:
THEA 155 Introduction to African-American Theatre
THEA 265 First Theatres
THEA 275 Theatre in the Age of Print
THEA 280 Theatre of Revolt: Modernism and Postmodernism
THEA 290 Asian Theatre

One dramatic literature course chosen from:
ENGL 264 Global Shakespeares
ENGL 265 Shakespeare
CLAS 240 Homer and Greek Tragedy
CLAS 220 Ancient Comedy & Satire
THEA 255 Playwriting

(Another option is that a third theatre history course may substitute for the one dramatic literature course. Appropriate courses taken at Study Abroad Centers may also be eligible.)

Connections (three units to be completed in junior and senior year):

THEA 380 Directing I
THEA 490 Senior Seminar
And at least one course chosen from among:
THEA 210 Stage Lighting
THEA 225 Developing a Character
THEA 235 Costuming & Stage Makeup
THEA 240 Scenic Design
THEA 305 Voice & Diction
THEA 420 Advanced Acting
THEA 445 Advanced Design
THEA 480 Advanced Directing

(The Design courses – THEA 210, 235, 240 – may count as an upper level course if the student is particularly interested in Theatre Design.)

THEA 200 Production Laboratory (one unit of four different 1/4 units)

Throughout their four years, theatre arts majors must distribute each 1/4 unit in a different area of production (acting, stage management, costuming, lighting, scenery, sound, properties, etc.)

The department believes strongly in the importance of interdisciplinary studies as a means of directly enriching a theatre focus and highly recommends cognate courses in the arts, literature, history, international area studies, writing, and women's studies. With the exception of the dramatic literature course, all courses for the theatre major must be taken on campus. All majors must complete one unit of THEA 200 as a graduation requirement, which is a regular part of their theatre production involvement. Please see the department faculty for specific instructions to complete the THEA 200 unit.

Requirements for the Minor in Theatre Arts

Number of Units

Six units are required.

Required Courses

One unit of THEA 200 (see THEA 200 requirement for major)

One unit from each of the following areas:

Performance

THEA 115, 120, 225, 305, 380, 420

Design/Technical

THEA 110, 235, 210, 240

Theatre History

THEA 155, 260, 265, 270, 280, 290

Electives

Any two additional units in theatre arts.

Students should meet with department faculty when selecting this minor.

Theatre Arts courses

THEA 110 Stagecraft Introduction to the principal topics and practices of technical support for theatre production: construction of stage scenery, scene painting, properties, rigging/focusing of lights, sound techniques, basic technical craft skills, and production communication practices. Fifteen-hour production lab required.

THEA 115 Activating Theatre Techniques for Community Dialogue A workshop course based on the Activating Theatre techniques of Augusto Boal. A developmental skills course in creating forum theatre for community and social change, and for moderating effective group dialogue. Interdisciplinary links with psychology, sociology, women's studies, and education with a focus on both experiential education and interpersonal communications.

THEA 120 Fundamentals of Acting Introduction to the skills necessary for performing on stage. This course is an exploration of the fundamental techniques necessary for beginning scene and monologue study in modern and contemporary realism. Through physical and vocal exercises, text and character analysis, and scene studies, the student is introduced to the process of acting preparation and performance. Excellent course for nonmajors seeking an introduction to the art of acting.

THEA 155 Introduction to African-American Theatre Survey/lecture course from an African-American perspective, examining the activities and developments of Black American life as evidenced through its theatre, with emphasis on history, philosophy, dramatic creations, criticism, and socio-psychological concerns. Includes lectures in theatrical contributions of Western and African civilizations.

THEA 195 Intercultural Spaces Students in the course will be "devising" their own script for the Spring Festival Playhouse production "Intercultural Spaces," as directed by Festival Playhouse Guest Artist and ACSJL Visiting Fellow Irfana Majumdar. The script will be based on some Indian stories with a general theme of social justice. Through a variety of physical exercises, improvisation, and ensemble work, students will write the play and perform it on the mainstage in the 7th Week of Spring term (the same students in the class will also rehearse in the evenings)

THEA 200 Theatre Production Laboratory Each student involved in a significant role on regular theatre productions is a participant in the Festival Playhouse company and shall thereby earn 1/4 unit of credit per production. Students may earn a maximum of two full units through THEA 200. Theatre Arts majors and minors must distribute each 1/4 unit in a different area of production (acting, stage management, costuming, lighting, scenery, sound, properties, publicity, etc.).

THEA 210 Lighting Design Experiments and studies in the theories and techniques of stage lighting; emphasis on play analysis, sculpting with light, color theory, drafting, projection, and practical laboratories. Fifteen-hour production lab required.

THEA 225 Developing a Character Advanced work in characterization with emphasis placed on building a character through various acting techniques, including Stanislavski, Suzuki, Viewpoints, and improvisational exercises. A continuation of THEA 120, this course is designed to deepen the student's understanding of their acting process combined with the discovery of voice and body in relation to character development. The course includes scene and monologue work, as well as written assignments. Prerequisite: THEA-120

THEA 235 Costuming and Stage Makeup This course is split into two sections: stage makeup and costuming. The makeup section will introduce the student to the basic principles of makeup application and design for the stage. The costume section will introduce the student to the basic techniques, tools, and materials used in costume construction along with an introduction to costume shop organization. Fifteen-hour production lab required.

THEA 240 Scenic Design Practical application and study of scenic design, including play analysis and historical research, followed by sketches, decor, drafting, construction of models, and color renderings. Focus upon the principles of movement, scale, color, light, silhouette, environment, and composition. Fifteen-hour production lab required.

THEA 255 Playwriting An introduction to playwriting, examining such topics as script analysis, dramatic structure, characterization, rhythm, and imagery. In addition to specific writing projects, students will also read and analyze representative plays.

THEA/SEMN 265 First Theatres This sophomore seminar will survey the "first theatres" of many different areas of the pre-modern world -- including the Abydos Passion Play of ancient Egypt, Yoruba ritual, ancient Greek & Rome, Japanese Noh Theatre, early Chinese music drama, Sanskrit theatre of India, and European Medieval theatre. Through research, discussion, and critical thinking exercises, students will be encouraged to view performance as an intercultural and continually developing phenomenon in both art and daily life. This course is a Shared Passages Sophomore Seminar.

THEA/SEMN 275 Theatres in the Age of Print This sophomore seminar will survey the theatre in Cultures in the Age of Print 1500-1900, including the Italian Renaissance, Spanish Golden Age, Neoclassical France, Elizabethan England, Japanese Kabuki and Bunraku Theatre, Indian Kathakali Theatre, English Restoration, and European and American melodrama of the 19th century. Through research, discussion, and critical thinking exercises, students will be encouraged to view performance as an intercultural and continually developing phenomenon in both art and daily life. This course is a Shared Passages Sophomore Seminar.

THEA 280 The Theatre of Revolt: Modernism and Post-Modernism in Western Theatre A study of the Theatre of Revolt, an overview of Western theatre history and dramatic literature over the last 125 years including Brecht, Artaud, and Beckett. Emphasis on comparing realism and various forms of nonrealism, such as expressionism and absurdism, through the plays and trends in acting, directing, and design. Examination of what constitutes the modern theatre and our current age of post-modernism.

THEA 290 Asian Theatre A survey of selected topics in classical Asian theatre and performance from among the Noh, Kabuki, and Bunraku Theaters of Japan; Yuan Drama and Classical Opera of China; Sanskrit Drama and Kathakali Dance Theatre of India; and some other historical and current performance trends and styles. A study of theories of intercultural performance and Asian theatre influences on the West.

THEA 305 Voice and Diction Study of techniques for actors to develop the vocal production necessary for stage performance. Training in the Fitzmaurice Voicework and Skinner Method for Standard American English and phonetic ear training. Class exercises, monologues, vocal physiology, proper warm-up techniques, and care for the professional voice. Prerequisite: THEA-120 and sophomore standing.

THEA 380 Directing I with Lab Introduction to the art of stage direction including its history, development, functions, and components; study of script analysis, composition, working with actors, and the organization of a production. Weekly rehearsal lab required. Prerequisite: THEA-120 and sophomore standing.

THEA 420 Advanced Acting with Lab Introduction to the skills necessary to act in plays from some major periods and styles of dramatic literature: Shakespeare and Restoration. Class exercises, monologues, scene study, workshop performances, written assignments, and analysis of dramatic literature will form the basis of the course work. Specific costume pieces, including shoes, which are not provided by the department, are required to be worn during the classes and in the labs. Weekly rehearsal lab required. Prerequisite: THEA-225 and sophomore standing.

THEA 445 Advanced Design Advanced forms of scenery, costume, or lighting study selected in consultation with the instructor. May involve portfolio development and design of main-stage productions. Prerequisite: THEA-210, THEA-235, or THEA-240

THEA 480 Advanced Directing Advanced problems in directing for the upper-level student, with a focus on independent projects and directing a one-act play. Prerequisite: THEA-380

THEA 490 Senior Seminar Preparation for the professional working world in theatre. Preparation, various workshops and professional guest speakers. Discovery and articulation of artistic goals through group activities, written assignments, and readings. Class group agenda project. Preparation for required departmental SIP presentations. Prerequisite: Theatre major with senior standing.

THEA 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum -& Curriculum Details and Policies section of the

Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

Women, Gender, and Sexuality

Women, Gender, and Sexuality

Ms. Anderson, Ms. Berthel, Ms. Boatwright, Ms. Boyer Lewis, Ms. Cunningham, Ms. Einspahr, Ms. Elman, Ms. Garriga-Lopez, Ms. Grant, Ms. Griffin, Ms. Heinritz, Ms. Manwell, Mr. Petrey, Ms. Smith, Ms. Werner

The concentration in Women, Gender and Sexuality offers an interdisciplinary approach designed for students wishing to pursue these interests systematically in their academic programs. The concentration is strongly recommended for those considering graduate work in women's, gender, and/or sexuality studies, but is intended to enrich the liberal arts experience of any student through concerted study of a significant dimensions of human experience. The concentration aims to include the widest possible spectrum of issues affecting women and GLBTQ individuals; concentrators are encouraged to select courses that will acquaint them with a variety of perspectives. Those considering the concentration are encouraged to consult with the director as early as possible in order to make the most of the opportunities available.

Requirements for the Concentration in Women, Gender, and Sexuality

Number of Units

Six units are required.

Required Courses

The following two courses are required of all Woman's Studies concentrators:

WGS 101 Introduction to Women's Studies

WGS 490 Women's Studies Seminar

Core Courses

Four core courses chosen from the following:

AFST/HIST 294 Gender Relations in Africa

ANSO 220 The Family

ANSO 260 Women in Cross-Cultural Perspective

ARTX 290 Art and Gender

CHIN 325 Literature of Contemporary Chinese Women Writers

CLAS/HIST 230 Women in Classical Antiquity

ENGL 224 Early Modern Women's Literature: Shakespeare'

ENGL 225 19th Century Women's Literature: The Historical Tradition

ENGL 226 Women's Literature 1900-Present: Modern Voices

HIST 220 American Women's History to 1870

HIST 221 American Women's History Since 1870

HIST 237 Women in Europe

HIST/RELG 267 Women and Judaism

HIST 281 Family, Women, and Marriage in Chinese History

POLS 265 Feminism and Political Theory

POLS 310 Women, States, and NGO's

PSYC 270 Feminist Psychology of Women

RELG 230 Same-Sex, Gender, and Religion

RELG 260 Women, Feminism, and Religion

Core courses are designed to introduce students to fundamental concepts and issues in women's studies through the lens of disciplines representing the arts, the humanities, and the social sciences. Through this core, students should begin to see parallels between disciplines, to develop a basic vocabulary in the field of women's studies, and to become familiar with major works, thinkers, and directions in the field.

WGS 490, the required capstone seminar, should be taken in the junior or senior year. This course assumes knowledge of the material in the core courses and affords the chance to bring together core course work, experiential education in women's studies, and individual interests. Introduction to Women's Studies should be taken before senior year and is a prerequisite for Senior Seminar.

Other, one-time course offerings may be counted as a core course only with the approval of the director. Courses taken overseas and at other U.S. colleges may meet concentration requirements with the approval of the director.

Senior Individualized Project (SIP)

The SIP in women's studies is encouraged but not required. Any faculty member regularly teaching in the women's studies program may direct a SIP in women's studies.

Experiential Education and Off-Campus Programs

Women's studies, as a field, strives to unite the academic and the experiential, so concentrators are strongly encouraged to integrate their academic work in women's studies with their experiences outside the classroom, on and off campus. Internships directly related to women's studies are many and varied: domestic and sexual assault programs, women's health agencies, feminist activist organizations, research libraries on women, etc. The study abroad experience is an invaluable opportunity to study women's lives in a cross-cultural context. Concentrators are encouraged to take every opportunity before departure to educate themselves about the history, culture, and position of women in the country where they will study and to explore, through the individualized cultural research project (ICRP), the

experience of women and the dynamics of gender while they are abroad.

Women, Gender & Sexuality courses

WGS 101 Introduction to Women's Studies This course offers all students, including prospective concentrators in Women, Gender, and Sexuality, an introduction to the field, with attention to fundamental issues in Women's Studies. The course will identify the forms and sites of women's subordination, as well as women's collective responses to their conditions. In introducing the concept of structural inequality as it has affected women's lives, it will also explore the intersections of gender with race, sexual orientation, and class as significant factors in the construction of women's status.

WGS 490 Seminar in Women, Gender & Sexuality A study of a particular aspect of feminist theory, history, or practice. Emphasis upon the theory and methodology of Women, Gender, and Sexuality, collaborative learning, and alternate source material. Topics vary annually.

WGS 593 Senior Individualized Project Each program or department sets its own requirements for Senior Individualized Projects done in that department, including the range of acceptable projects, the required background of students doing projects, the format of the SIP, and the expected scope and depth of projects. See the Kalamazoo Curriculum Details and Policies section of the Academic Catalog for more details. Prerequisite: Permission of department and SIP supervisor required.

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R. Amy Elman (1991), *Professor of Political Science* . BA Brandeis University; MA, PhD New York University
Péter Érdi (2002), *Luce Professor of Complex Systems Studies* . MSc L. Eötvös University, Budapest; MSc Technical University of Budapest; PhD Hungarian Academy of Sciences, Budapest; DSc Hungarian Academy of Sciences
Thomas G. Evans (1995), *Professor of Music* . BM State University of New York College at Fredonia; MM Boston University; DMA University of Michigan
John B. Fink (1975), *Rosemary K. Brown Professor in Mathematics and Computer Science*. BA University of Iowa; MS, PhD

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- Ann M. Fraser (2003)**, *Associate Professor of Biology* . BSc Acadia University, Nova Scotia; PhD Harvard University
- Dennis J. Frost (2010)**, *Wen Chao Chen Assistant Professor of East Asian Studies* . BA Wittenberg University; PhD Columbia University
- Jennifer R. Willard Furchak (2007)**, *Herbert H. and Grace A. Dow Assistant Professor of Chemistry*. BA Albion College; MS, PhD University of Michigan
- Laura L. Furge (1999)**, *Associate Professor of Chemistry* . BA Oberlin College; PhD Vanderbilt University
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- Adriana M. Garriga-López (2010)**, *Assistant Professor of Anthropology*. BA Rutgers University-New Brunswick; MA, MPhil, PhD Columbia University
- E. Binney Girdler (2001)**, *Associate Professor of Biology* . BA University of Virginia; MES Yale University; PhD Princeton University
- Gary S. Gregg (1995)**, *Professor of Psychology* . BA University of California, San Diego; PhD University of Michigan
- Gail B. Griffin (1977)**, *Ann V. and Donald R. Parfet Distinguished Professor of English*. BA Northwestern University; MA, PhD University of Virginia
- Robert W. Grossman (1975)**, *Professor of Psychology* . BA, MA, PhD Michigan State University
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- Andrew Koehler (2006)**, *Assistant Professor of Music* . BA Yale University; MM Northwestern University
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- James A. Langeland (1996)**, *Upjohn Professor of Life Sciences* . BA Kalamazoo College; PhD University of Wisconsin
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Kathryn Lightcap (2000), *Graphic/Media Designer* . BA Western Michigan University

Patricia Lisak (1996), *Payroll Manager*. BS Nazareth College

Donald C. Mack (1986), *Associate Director for Technical and Media Services* . BS Western Michigan University

Stephen Magdzinski (2008), *Assistant Director of Admission* . BA Kalamazoo College

Roderick Malcolm (1999), *Associate Director of Admission* . BS Fitchburg State College

Paul W. Manstrom (1990), *Associate Vice President of Facilities Management* . BS Iowa State University

Marguerite McClain (2011), *Admissions Counselor*. BA The College of Wooster

Narda McClendon (1998), *Assistant Director, Center for International Programs*. BA Western Michigan University

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