

The Five College Consortium

About the Consortium

Through Mount Holyoke's membership in one of the country's most successful academic consortia, Mount Holyoke students can take advantage of opportunities at three other outstanding colleges (Amherst, Smith, and Hampshire) and a major research university (the University of Massachusetts at Amherst).

Students in good academic standing may take courses for credit at any of the other four institutions at no additional cost through the Five College Interchange. Normally, students can start taking Five College courses after the first semester of their first year. Courses need to be beneficial to an overall academic plan and must be approved by an advisor and the academic dean.

To enroll in a course at one of the other campuses, students complete registration procedures through the Mount Holyoke College registrar. More information about policies governing Five College Interchange enrollments is included in the Academic Regulations chapter. A free bus service links the five campuses. Students enrolled in the Mount Holyoke meal plan can arrange to have meals at the other campuses.

To explore the courses offered through the Five Colleges, visit www.fivecolleges.edu/sites/courses/.

Other Five College Opportunities

- Mount Holyoke students can borrow books from all of the Five Colleges. A user-friendly, online system enables book requests from just about any computer terminal on campus.
- Distinguished guest artists, filmmakers, and scholars regularly visit the Five Colleges to lecture and meet with students, give performances, or read from their work.
- Dance and astronomy—the two Five College majors—both rank among the largest and most distinguished undergraduate programs in their respective fields nationally. (See the dance and astronomy chapters for more information.)
- The music departments jointly host in alternate years an outstanding composer and musicologist-in-residence for a week. In alternate years, a Five College choral festival brings together all the choral groups for a roof-raising concert.
- The theatre departments hold open auditions for all productions and sponsor a Five College Multicultural Theater Committee.
- Undergraduates interested in geology or coastal and marine sciences can gain research experience through Five College field trips to areas in Belize, Death Valley, California, and coastal regions of the Northeast United States.

- Five College programs include the Five College Early Music Program (hosted at Mount Holyoke) and the Five College Women's Studies Research Center (also hosted at Mount Holyoke), which brings together faculty from many disciplines, as well as professionals from local communities who are working on issues of women's health and welfare.
- A wide range of interdisciplinary certificate programs (see below) allow students to draw on the combined faculty, resources, and courses at the five campuses. These certificate programs can be used to fulfill the Mount Holyoke "outside the major" requirement.

Five College Certificate Programs

Five College Certificate in African Studies

This program allows students to take advantage of the substantial resources for the study of Africa in the Five Colleges: 40 faculty whose research and teaching focus primarily on Africa offer almost 150 courses. The wide array of course offerings allows students to develop a concentration of study devoted to Africa that complements any major. The certificate requires six courses on Africa, to be selected with the guidance and approval of an African studies certificate program advisor. Study in Africa is strongly encouraged.

The certificate in African studies consists of a minimum of six courses from at least four different departments, programs, or disciplines. Each course should carry at least 3 credits, and at least 50 percent of its content should be devoted to Africa. The program requires the following:

- A minimum of one course providing historical perspective on Africa. (Normally the course should offer at least a regional perspective.)
- A minimum of one course on Africa in the social sciences (anthropology, economics, geography, political science, sociology)
- A minimum of one course on Africa in the fine arts and humanities (art, folklore, literature, music, philosophy, religion)
- Proficiency in a language other than English through the level of the second year of college, to be fulfilled either in an indigenous language or a colonial language in Africa. This requirement may be met by examination or course work; such language courses may not count toward the minimum of six courses required for the certificate.

No more than three courses in any one department may be counted toward the minimum requirement for this certificate. A candidate may present courses taken in Africa, but normally at least three of the required courses must be taken in the Five Colleges. Students must receive a grade of B or better in every course that qualifies for the minimum certificate program; none may be taken on a pass/fail basis.

Students are also strongly encouraged to pursue opportunities for study in Africa and to complete the certificate program with an independent study course that integrates previous work.

Students should work closely with an advisor in choosing courses. The advisors at Mount Holyoke are Samba Gadjigo (French), Holly Hanson (history and African American and African studies), John Lemly (English), and Matthew McKeever (sociology). For further information see www.fivecolleges.edu/sites/african/.

Five College Asian/Pacific/American Studies (APA) Certificate

The Five College Asian/Pacific/American Studies (APA) Certificate enables students to pursue concentrated study of the experiences of Asians and Pacific Islanders in the Americas. Through courses chosen in consultation with their campus program advisor, students can learn to appreciate APA cultural and artistic expressions, understand and critique the racial formation of Asian/Pacific/Americans, and investigate how international conflicts, global economic systems, and ongoing migration affect APA communities and individuals and their intersections with others. Drawing upon diverse faculty, archival, and community-based resources, this program encourages students not only to develop knowledge of the past experiences of Asian/Pacific/Americans, but also to act with responsible awareness of their present material conditions. The program requires the following:

- *A minimum of seven courses*, distributed among the following categories. (As always, to be counted toward graduation, courses taken at another campus must be approved by campus advisors.)
- *One foundation course*. Normally taken during the first or second year, this course offers an interdisciplinary perspective on historical and contemporary experiences of Asian/Pacific/Americans. Attention will be paid to interrogating the term Asian/Pacific/American and to comparing different APA populations distinguished, for example, by virtue of their different geographical or cultural derivations, their distribution within the Americas, and their historical experience of migration.
- *At least five elective courses*. Students must take at least one course from each of the following categories. (Three of these five courses should be chosen from among the core courses and two may be taken from among the component courses.)
 - *Expressions*. These courses are largely devoted to the study of APA cultural expression in its many forms.
 - *U.S. Intersections*. These courses are dedicated substantially to the study of Asian/Pacific/Americans but are further devoted to examining intersections between APA experiences and non-APA experiences within the United States.
 - *Global Intersections*. These courses have their focus outside the United States but offer special perspectives on the experiences of Asian/Pacific/Americans.
- *Special Project*. Normally fulfilled in the third or fourth year, this requirement involves the completion of a special project based on intensive study of an Asian/Pacific/American community, historical or contemporary, either through research, service-learning, or creative work (e.g., community-based learning project, action-research, internship, performing or fine arts project). Normally the requirement will be fulfilled while enrolled in an upper-level, special topics, or independent study course, although other courses may be used subject to approval of the campus program advisor. Projects should include both self-reflective and analytic components. Students fulfilling this requirement will meet as a group at least once

during the semester to discuss their ongoing projects and at the end of the semester to present their completed projects at a student symposium or other public presentation. A student's plan for completing the requirement should be approved by a campus program advisor in the previous semester.

Students must receive the equivalent of a B or better in all courses counted toward the certificate. Courses counted toward satisfaction of campus-based major requirements may also be counted toward the Five College Certificate. No course can be counted as satisfying more than one certificate distribution requirement. Courses taken abroad may be used to fulfill the distribution requirement with the approval of the campus program advisor.

Students are encouraged to attain some proficiency in at least one language other than English, especially if such proficiency facilitates the completion of the special project component of the certificate program. While English is sufficient and appropriate for the completion of many projects involving Asian/Pacific/American communities, many sources and communities can be consulted only through other languages.

For further information, see www.fivecolleges.edu/asian_pa/certificate.html.

Five College Certificate in Buddhist Studies

Because Buddhist studies is an interdisciplinary field—straddling anthropology, art history, Asian studies, history, language study, literary and textual studies, philosophy, and religious studies—students are often unaware of the integrity of the field or of the range of resources available for its study in the Pioneer Valley.

Each student pursuing the Buddhist studies certificate will choose in consultation with the Buddhist studies advisor at his/her college, a course of study comprising no fewer than seven courses. At least five of these courses should be drawn from the Buddhist studies courses listed on the Web site (list subject to modification from year to year). Two others may be drawn from this list or may be chosen from elsewhere in the Five Colleges to support the student's Buddhist studies program from other disciplinary perspectives. Each proposed course of study must be approved by the coordinating committee for the Buddhist studies certificate.

For students who may wish to pursue a certificate in Buddhist studies as preparation for graduate study in this field, we strongly recommend the study of at least one canonical language (Sanskrit, Pali, Chinese, or Tibetan) and/or the modern language of at least one Buddhist culture (especially for those who have an ethnographic interest in Buddhism). Up to two courses in a relevant language can count toward the certificate, although we strongly encourage these students to continue language study beyond the first-year level. Language study is not required, however.

List of requirements:

- At least seven courses, one of which must be at an advanced level (200 or 300 at Hampshire, 300 or above at Mount Holyoke, Smith; or UMass; comparable upper-level courses at Amherst)
- At least one course in three different disciplines of Buddhist studies (anthropology, art history, Asian studies, philosophy, religious studies, etc.)

- At least one course addressing classical Buddhism and one course addressing contemporary Buddhist movements (nineteenth–twenty-first century) and at least two of the following four geographical areas: South and Southeast Asia, East Asia, the Tibeto-Himalayan region, and the West.
- Up to two canonical or appropriate colloquial Asian language courses may count toward the certificate.

Students must receive a grade of at least B in each course counting toward the certificate. Courses must be 3 credits or more to count toward the certificate.

Courses taken abroad or outside the Five Colleges may count toward the certificate only if they would be approved for credit toward the major in the appropriate department of the student's home institution.

For further information, contact professor Susanne Mrozik or see www.fivecolleges.edu/sites/buddhism/.

Five College Certificate in Coastal and Marine Sciences

The Five College Coastal and Marine Sciences (FCC&MS) Certificate enables students to select from a variety of courses in marine sciences, including coastal and marine ecology/geology, resource management and public policy, oceanography, and coastal engineering to create a concentration of study. Smith, Mount Holyoke, and Hampshire Colleges and the University of Massachusetts currently award certificates. Under the guidance of faculty advisors on each campus, students choose a progressive series of courses available within the five campuses and in approved academic off-campus programs (e.g., Sea Education Association, Williams-Mystic, Shoals Marine Laboratory, Marine Biological Laboratory, Duke Marine Laboratory, and others). Some of these courses must include an intensive field component so that students obtain competence in field studies. Students must also participate in a “capstone” independent, marine-related research project that counts toward the certificate. This requirement may be met by participating in one of several funded internships offered each year at Woods Hole and other research facilities.

The program requires the following:

- *A minimum of six courses*, with at least one course in each of the following categories: marine biodiversity; marine and coastal ecology; marine geology, chemistry, and other related sciences; resource management and public policy. At least three of the courses must be above the introductory level and in at least two fields of study (geology and biology, etc.).

At least one of the following marine courses is required. (An introductory course in marine science is strongly recommended, either through the Five Colleges or an approved study-away program; introductory courses are indicated with *): *GEOL 103 Oceanography (MHC); *GEO 108 Oceanography (Smith College); *BIO 268 Marine Ecology (Smith College); GEO 270 J-Term Carbonate Systems and Coral Reefs (Smith College); BIO 390 Ecology of Coral Reefs (Smith College); *GEO-SCI 103 Intro. Oceanography (UMASS); BIOLOGY 297B Biology of Marine Vertebrates (UMASS); GEO-SCI 392B Coastal Resource Policy (UMASS); GEO-SCI

591M Marine Micropaleontology (UMASS); GEO-SCI 591P Paleooceanography (UMASS); GEO-SCI 595D Physical Oceanography (UMASS).

Each student must show competency in field studies by either completing a course with a field component or by participating in an intensive Five College field course or approved semester-away program (e.g., Sea Semester, Williams-Mystic, Shoals Marine Laboratory, Marine Biological Laboratory, Duke Marine Laboratory, etc.).

Students must receive a B grade or better for all courses contributing to the certificate requirements. Advisors of Hampshire College students will determine the grade B equivalent, based on written evaluations supplied by course instructors.

- *Completion of an independent, marine-related research project* through an internship, thesis, Division III project, independent study, or other activity acceptable to their home campus advisor.
- *Completion of the application form for the certificate.* The campus program advisor submits the completed application and a transcript to the FCC&MS steering committee. After the committee certifies that a student has completed all program requirements, Five Colleges, Inc. contacts campus registrars so the certificate can be noted on the official transcript. Eligible students receive a certificate recognizing their achievement.

The application form and current list of approved Five College courses are available at www.fivecolleges.edu/sites/marine/certificate.

Advisors on each campus are:

Amherst College: Whitey Hagadorn, Ethan Temeles

Hampshire College: Charlene D'Avanzo, Steve Roof

Mount Holyoke College: Renae Brodie, Stan Rachootin

Smith College: Paulette Peckol, L. David Smith

University of Massachusetts: Bruce Byers, Francis Juanes, Mark Leckie

Five College Certificate in Cognitive Neuroscience

Cognitive neuroscience is the study of mind as it is manifested in the human brain. The field is at the forefront of research providing profound insights into the neural substrate of cognitive functions through the combination of psychophysical and brain-imaging techniques. The program of study is designed to offer students the opportunity to deepen their understanding of cognitive neuroscience, through both theoretical and empirical training.

The certificate encourages students to follow a program distinct from, and yet complementary to, majors in neuroscience and behavior, philosophy, or psychology. Students must complete at least one course in each of six areas of study and at least one semester of independent research through a thesis, course project, or special study.

The six areas of study are:

- Overview of cognitive science
- Scientific foundations

- Research methods, design, and analysis
- Philosophy of mind
- Neuroscience (neuroanatomy and neurophysiology)
- Advanced topics

For further information, consult with one of the Mount Holyoke College advisors, Katherine Binder or Joseph Cohen, Department of Psychology and Education, or see www.fivecolleges.edu/sites/cogneuro/.

Five College Certificate in Culture, Health, and Science

The program complements a traditional disciplinary major by allowing students to deepen their knowledge of human health, disease, and healing through an interdisciplinary focus. Under the guidance of faculty advisors on each campus, students choose a sequence of courses available within the five campuses and identify an independent research project or internship that will count toward the certificate.

The certificate represents the following six areas of study critical to understanding health and disease from a biocultural perspective:

- Overviews of biocultural approaches: covering biocultural and comparative approaches to human health and disease.
- Mechanisms of disease transmission: mechanisms of health and disease growth and transmission within individuals and populations.
- Population, health, and disease: the relationships among social, behavioral, economic, and other aggregate population forces and human health and disease.
- Healers and treatment: the organization, interpretation, and function of healers and treatment.
- Ethics and philosophy: structures of knowledge about health and health care decision making, including ethical and philosophical foundations.
- Research design and analysis: concepts of evidence, data collection, research ethics, measurement, and/or analysis.

The program requires the following:

- Seven courses with a grade of B or better, with at least one course in each of the six categories. No course may be used to satisfy more than one category. At least four of the courses must be above the introductory level. Students are urged to begin with courses in Categories 1 and 2 and to take courses in Category 2 that will expose them to knowledge of health and disease processes at the level of the population as well as the individual or suborganism levels.
- Students must also complete an independent research project through an internship, thesis, Division III project, course project, independent study, or other activity acceptable to their local campus advisor. At the discretion of the campus advisor, courses from the student's major may count toward the certificate.

Certificate students are strongly urged to take at least four semesters—or the equivalent—of a second language. Such language training may be required for students seeking internships and summer research positions available through the program.

For further details, consult the Mount Holyoke College representatives: James Harold, Department of Philosophy (on sabbatical fall 2009), and/or Lynn Morgan, Department of Sociology and Anthropology, or see www.fivecolleges.edu/sites/chs/.

Five College International Relations Certificate

This program offers students an opportunity to pursue an interest in international affairs as a complement to their majors. The program provides a disciplined course of study designed to enhance understanding of the complex international processes—political, economic, social, cultural, and environmental—that are increasingly important to all nations. The certificate program consists of a minimum of eight courses covering the following areas of study.

- Introductory world politics
- Global institutions or problems
- The international financial and commercial system
- A modern (post-1789) history course relevant to developing international systems
- Contemporary American foreign policy
- A contemporary foreign language up to a proficiency level of the second year of college
- Two courses on the politics, economy, and/or society of foreign areas; one must involve the study of a third-world country or region

A complete list of the Five College courses for each of the seven requirements is available from the advisors listed below, the registrar, and the Five College Center. The list is also available at www.mtholyoke.edu/acad/intrel/5col/homepage.htm.

No more than four of these courses in any one department can be counted toward the certificate, and no single course can satisfy more than one requirement. Students who complete the required courses with a grade of B or better (no pass/fail options) will receive the certificate.

For further information consult with one of the Mount Holyoke College advisors: Vincent Ferraro, Kavita Khory, Jon Western. Additional information also can be found at www.fivecolleges.edu/sites/international/.

Five College Certificate in Latin American Studies

Through this program, students have the opportunity to specialize in Latin American studies in conjunction with or in addition to their majors. The program provides a disciplined course of study allowing students to draw on the rich resources of the more than 80 Latin Americanist faculty members in the Five College area and is designed to enhance students' understanding of the complex region that comprises contemporary Latin America.

The certificate program consists of an eight-course minimum, including the following:

- A broadly based introductory course providing an overview of the social and political history of Latin America (such as Latin American Studies 180/181 at Mount Holyoke)

- One course in the humanities (including courses on Latin American culture from the pre-Columbian period to the present such as art, art history, dance, film, folklore, literature, music, religion, and theatre)
- One course in the social sciences (including anthropology, economics, geography, political science, and sociology) that offers substantial attention to Latin America or the Caribbean
- An interdisciplinary seminar normally taught by two or more faculty members representing two or more of the Five Colleges

At least three of the eight courses must be either taken at another of the Five Colleges or taught by a faculty member not of the student's own institution.

Students must complete the required courses with a grade of B or better. Students must also complete the equivalent of the fourth semester of an official (other than English) or indigenous language of Latin America.

There is at least one advisor on each campus for the Five College Certificate in Latin American Studies. At Mount Holyoke the advisor is the chair of the Latin American Studies Program. For further information see www.fivecolleges.edu/sites/latinamericanstudies/.

Five College Certificate in Logic

“How critical is logic? I will tell you: in every corner of the known universe, you will find either the presence of logical arguments or, more significantly, the absence.”

—V. K. Samadar

Logic is a part of every discipline. There is reasoning in every field of inquiry. There are rules behind every work of art, behind every natural language. There is inference in every intelligence, human and inhuman. Every issue of law and public policy bends to the power of logic.

The study of logic itself is thus of the greatest importance. The Five College Certificate in Logic brings together aspects of logic from different regions of the curriculum: philosophy, mathematics, computer science, and linguistics. The program is designed to acquaint students with the uses of logic and initiate them in the profound mysteries and discoveries of modern logic.

The program requires six courses from the list of Five College logic courses and the following:

- No more than four courses can be counted toward the certificate from any single discipline (philosophy, linguistics, mathematics, computer science).
- At least two courses must be taken at an advanced level (500 or above at University of Massachusetts; 300 or above at Smith, Hampshire, and Mount Holyoke; 30 or above at Amherst).
- At least one course should expose students to the basic metatheory of first order logic, including incompleteness. Courses satisfying this requirement include: Smith, Philosophy 220; Amherst, Math 34; University of Massachusetts, Philosophy 513, 514; Mount Holyoke, Philosophy 327.

- Students must receive a grade of B or better in each course counting toward the certificate.

For further information see www.fivecolleges.edu/sites/logic/ or consult one of the Mount Holyoke College program advisors, Lee Bowie (philosophy) or Samuel Mitchell (philosophy).

Five College Certificate in Middle Eastern Studies

This program provides an opportunity for students to complement a disciplinary major with multidisciplinary studies and linguistic attainments. Because of the wide range of courses available through the Five Colleges, students must design a program that will meet their intellectual, academic, and prospective professional needs in conjunction with an advisor from their home institution. The program is administered by the Five College Committee for Middle Eastern Studies, which includes the program advisors from each campus. Students are encouraged to declare intentions and begin work with an advisor during the sophomore year. In addition to taking courses offered through each of the five institutions, students are encouraged to spend time in the Middle East, learning Arabic and other languages and immersing themselves in the culture of the area. Plans for study abroad should be designed in consultation with the student's advisor. Courses from outside the Five Colleges will be counted as contributing toward fulfillment of certificate requirements on the recommendation of the campus advisor and the approval of the committee. Students must receive a grade of B or better in every course counted toward the certificate. For further information, contact professor Sohail Hashmi or see www.fivecolleges.edu/sites/middleeast/.

Five College Certificate in Native American Indian Studies

The Five College Certificate in Native American Indian Studies provides students with the opportunity to acquire a knowledge and understanding of the development, growth, and interactions of the indigenous peoples and nations of the Western hemisphere. The program emphasizes the many long histories of Native American Indians as well as their contemporary lives and situations. A holistic and comparative interdisciplinary approach underlies the program's requirements, enabling students to become familiar with the diversity of indigenous lifeways, including cultural forms, institutions, political economies, and modes of self-expression. In addition to this broader perspective, the program places some emphasis on the Native peoples of the Northeast so that Five College students can become acquainted with the history, culture, and presence of indigenous peoples in this region.

At least seven courses are required for completion of the Five College Certificate in Native American Indian Studies: a foundation course plus six additional courses, with no more than three of the seven courses from a single discipline. A student's program must be approved by the program advisor from her or his campus. Requirements include:

- *Foundation courses.* Offered at various levels, foundation courses provide an opportunity to hear Native perspectives and are taught from a philosophical perspective that reflects Native studies theories, pedagogies, and methodologies.
- *At least six additional courses.* A list of courses currently approved by the Five College NAIS Committee as counting toward the certificate is available at

www.fivecolleges.edu/sites/natam/certificate/. The six additional courses must be selected from this list. (Courses not on this list may be approved for inclusion by campus program advisors in consultation with the committee.)

- *Grades.* Students must receive a grade of B or higher in all seven courses to receive a certificate.

For further information consult Lauret Savoy (environmental studies) or see www.fivecolleges.edu/sites/natam/.

Five College Certificate in Russian, East European, and Eurasian Studies

The Five College Certificate in Russian, East European, and Eurasian Studies offers students the multidisciplinary resources in the Five Colleges on Russia, Eurasia (here understood as the former republics of the Soviet Union), and East (and Central) Europe.

The program requires the following:

- A core course, normally taken in the first or second year. The core course will be offered every year on a rotating basis at one of the campuses. At Mount Holyoke, it was most recently taught as Russian and Eurasian Studies 131, Introduction to the Peoples and Cultures of Eurasia.
- Five additional elective courses, distributed as follows:
 - The courses must be drawn from more than one of the three geographical areas: Russia, Eurasia, and Eastern (and Central) Europe.
 - At least one of the elective courses must focus on a period before the twentieth century.
 - At least one course must be taken from each of the following disciplinary categories: history, social sciences, and humanities/arts. No single course can fulfill more than one of these disciplinary categories.
 - At least four courses, including the core course, must be taken within the Five Colleges.
 - A language course beyond the intermediate level can be counted as one of the five electives. Elementary and intermediate language courses cannot be counted.
 - Credit for one-time courses, special topics courses, independent study, and transfer or study abroad courses requires approval from the student's program advisor at her home campus.
- Proficiency in a language of one of the certificate regions, at a level equivalent to four semesters of postsecondary course work. This proficiency may be demonstrated by course work or examination.

Students are encouraged to study abroad in one of the certificate regions.

Courses applied to this certificate may also be used to fulfill major requirements. The list of courses fulfilling particular requirements will be maintained and regularly updated by the Five College Committee for Russian, East European, and Eurasian Studies.

For further information, contact professor Stephen Jones or see www.fivecolleges.edu/sites/rees/.