African Studies (AFS)

African Studies offers two interdisciplinary programs, the minor (AFS) and the Five College African Studies Certificate (AFC). Both offer a systematic introduction to the complex historical, political and social issues of the African continent. Of the six courses required for the minor and for the certificate, one must be taken in literature or the arts, one in history, and one in the social sciences. The certificate also requires competence in a foreign language. The minor does not. Although only a few AFS courses are offered on the introductory level, most 200-level courses are open to first-year students in the spring term.

Many minors spend a semester or more in Africa. Ghana, Kenya, Senegal, South Africa and Tanzania all currently offer programs of interest to Smith students.

AFS students are strongly encouraged to study certain languages to prepare them for programs overseas and for certain courses at Smith. Students who are planning to study in Africa should give priority to language instruction in their first year at Smith. Swahili, Arabic, French, and Portuguese are all offered at Smith or in the Five Colleges.

The wide array of courses on Africa offered at Smith and at the other Five College campuses ensures that students, whether focusing on literature, art, history, politics, or social and economic issues, have an unusual opportunity to customize their program both topically and geographically.
**Africana Studies (AFR)**

The Department of Africana Studies investigates the social, historical, cultural, and aesthetic works and practices of black peoples throughout the Diaspora. The work in Africana Studies is interdisciplinary as well as multi-disciplinary, and it is intersectional in its focus on identity. Courses in the department of Africana Studies consider how racial blackness (and the concept of race itself) influences the development of the modern world. A student in our department is first a critical thinker, one who learns to ask questions, explore connections, and develop conceptual frameworks. This critical thinking is achieved through an interdisciplinary curriculum where students engage the methods of various disciplines (for example, history, sociology, and literature). Our courses emphasize close-reading, research, and writing; they encourage students to think about the Caribbean, Africa, and Diaspora communities in Europe and elsewhere.

AFR 111—Introduction to Black Culture is the entry point to the major and offers a broad study of the political, cultural, and social themes that inform African-American culture and history. Four other courses that first-year students might consider are AFR 117—History of Afro-American People to 1960, the foundational history offering in our department; AFR 155—Introduction to Black Women’s Studies, a gateway to courses focused on the study of black women and black feminism; and two literature survey courses, AFR 170—African-American Literature: 1746-1900 and AAS 175—African-American Literature: 1900 to the present. There is also a first-year seminar offering that could serve as an introduction to Africana Studies: FYS 182—Fighting the Power.

During their sophomore and junior years, a student is expected to develop a concentration in one of five disciplines or areas: history, social science, literature/cultural studies, black women’s studies or Diaspora studies. We also strongly encourage majors to study abroad; past students have gone to South Africa, Kenya, Mali, Senegal, Ghana, London, and Paris. Both the concentration and the travel abroad experience are central to preparing students for research work in the senior year (via seminars, special studies or honors theses), as well as for fellowships, graduate and professional school, and employment opportunities after Smith.
**American Studies (AMS)**

American Studies is the 6th largest major at Smith, and one of the oldest undergraduate programs in American Studies in the nation. We offer our students the opportunity to study American culture in a coherent, wide-ranging, and intellectually rigorous way, using perspectives from many disciplines—history, literature, anthropology, film and media studies, art history, economics, to name a few—to explore an exhilarating variety of cultural materials.

When you look at the American Studies sections of the Course Catalogue, you might be surprised to find relatively few courses listed there. This is because American Studies majors choose most of their courses from US-focused classes in other departments. The heart of our curriculum is a set of three core courses: an introduction to our field (AMS 201); a course emphasizing the methods and perspectives crucial to the study of a complex culture (AMS 202); and a senior symposium in which students pursue independent, advanced work (AMS 340/341). Beyond this set of three courses, each major chooses her own intellectual path, working closely with her major adviser to choose courses from a range of departments that together will form a rich and focused exploration of American culture and society.

American Studies at Smith offers something no other college does: a semester-long internship at the Smithsonian Institutions in Washington D.C., where students do professional level research and share in the work of exhibition design. Many American Studies majors spend all or part of their junior year abroad, some in year-long Smith-sponsored programs, others in a variety of programs in English and non-English speaking countries (there are excellent American Studies programs in England, for example). After college, American Studies majors pursue a wide range of careers: they become, for instance, historians, lawyers, teachers, journalists, urban planners, financial consultants and, in one case, a designer of high art hats. Above all, we aim to help our students become informed and responsible citizens in an ethnically diverse, rapidly changing, media-saturated world.

A student interested in American Studies should plan to take AMS 201, Introduction to the Study of American Society and Culture, in the spring term. In the fall, we recommend our one-credit lecture series course, AMS 100: On the Media, which illustrates the range of topics and approaches students will find in the program. Two other good places to start are AMS 203: Women, Sex, and Gender in Early America, and AMS 235: American Popular Culture.
Ancient Studies (ANS)

Ancient studies is an interdepartmental minor designed for students who wish to study the ancient civilizations of the Mediterranean and the Near Eastern worlds (to roughly 600 C.E.) from an interdisciplinary perspective. It is an ideal accompaniment to any major for a student who is enthusiastic about exploring the ancient world in some depth during her time at Smith. A prospective minor should consult with one of the ancient studies advisers to plan a program that focuses on her primary area(s) of interest, consisting of six courses in art, classics, government, history, philosophy, religion and archaeology. A list of approved courses can be found in the catalogue, and a student may count others in consultation with her adviser. In order to allow the student to achieve suitable breadth, the six courses counting toward her ancient studies minor will normally come from at least three different departments or programs. No languages are required for this minor.
**Anthropology (ANT)**

The program in anthropology offers a major but no minor. In addition to our core offerings in cultural anthropology, the department also offers two courses in anthropological archaeology each year. Upper-level courses cover such topics as the comparative study of identity politics, economic and political strategies in non-Western societies, migration, medical anthropology and death studies, religion, media and performance, the culture of gender, development anthropology, museum studies, visual anthropology and urban anthropology. Area courses in Africa, East Asia, Latin America and South Asia are also offered.

Majors are required to have the equivalent of two years of college level work in a foreign language. All majors take ANT 130, a departmental colloquium, a course in anthropological theory and a senior Smith seminar, as well as 4 other anthropology classes. Three additional courses, which may be more anthropology or courses in other departments that relate to a student’s anthropological interests, complete the major. Prospective majors should also note that a geographic area concentration is desirable.

Anthropology majors are encouraged to consider an academic program abroad during their junior year. In the past, majors have spent a semester or year in Chile, China, Ecuador, England, Geneva, India, Kenya, Mexico, Paris, Peru, Scotland, Senegal, Tanzania or South Africa.

ANT 130 Introduction to Cultural Anthropology offers a survey of the basic concerns of anthropology. It explores the similarities and differences in the patterning of human experience and the impact of the modern world on traditional societies.

ANT 135 Introduction to Archaeology focuses on the study of past cultures and societies through their material remains to understand key transitions in human prehistory, including the origins of food production, social inequality, and state-level societies across the globe.
Archaeology (ARC)

Archaeology is a method that helps us understand the human past through the interpretation of the material remains of earlier human societies. The program in archaeology represents a six-course minor that can be most usefully taken to supplement work in a major field such as anthropology, art, religion, classical languages and literatures, history or even a natural science such as geology, biology or chemistry.

The minor involves courses in a number of departments as well as the core introductory course ARC/ANT 135 Introduction to Archaeology, which is offered in the fall and is open to all students. Students intending to minor in Archaeology should select additional courses for the minor in consultation with a program faculty adviser (please see the catalog under Archaeology). Students with an interest in Classical archaeology who expect to study aboard in Greece or Rome are also encouraged to elect GRK 100 or LAT 100, or to take the Latin placement test.

Some form of field experience, normally but not exclusively archaeological excavation at approved sites, is a requirement for the minor and is also a wonderful general educational experience. Smith students have in recent years participated in programs in Austria, Belize, China, Cyprus, Greece, Jordan, Israel, Italy, the United Kingdom and the (Southwest) United States. Interested students are encouraged to speak with a program faculty adviser regarding fieldwork prospects. Links to resources that would help in identifying potential archaeological experiences can be found on the program website.
**Archives Concentration (ARX)**

The Archives Concentration offers a way for you to sample the riches of one of the world’s largest archives of women’s history in the Sophia Smith Collection, to learn about Smith’s rich student culture through the College Archives, and to touch first editions of rare books, see the one-of-kind artists books, and to explore the creative process of Sylvia Plath and Virginia Woolf in the Mortimer Rare Book Room. Through two internships, whether on campus or off, you will learn about how archives are collected, preserved, and made available for use.

Through a one-credit gateway course offered in the spring semester and 4 electives from departmental courses that use the archives, you’ll learn about what archives are and how to interpret archival materials to understand history. In a final capstone, you will complete an independent research project to create an exhibit or digital narrative.

The place to begin to sample these treasures is through ARX 141, What I Found in the Archives, a “gateway” course to the concentration, offered for one credit on Tuesday evenings for the first seven weeks of the spring semester. This course will highlight the research projects and “aha” moments from faculty and guest lecturers who work with primary sources.

Another way to explore the archives in the fall semester is to take a First-Year Seminar that includes archival research. In fall of 2017 these archival first year seminars are:

- FYS 179: Rebellious Women (with ARX Director Kelly Anderson)
- FYS 192: America in 1925 (with Rick Millington)
- FYS 197: On Display: Museums, Collections,& Exhibitions (with Barbara Kellum)

In January term students can delve into intensive research in the archives through one-week, 1-credit courses held in Special Collections. In J-term 2018, these include:

- ARX 103: Editing Sylvia Plath’s Poetry (with Karen Kukil)
- ARX 105: Class Matters: Organizing for Social Justice (with Kathleen Nutter)
- ARX 106: Oral History and Archives (with Kelly Anderson)

First-year students may apply for participation in the Archives Concentration in the spring if they have done some coursework. Up to fifteen students from each graduating class are accepted into the program. For more information about the Archives Concentration, please visit [www.smith.edu/archives](http://www.smith.edu/archives), or contact the Director of the Archives Concentration, Kelly Anderson at kpanders@smith.edu.
These are exciting days to be involved in the arts, and Smith is a place where both tradition and innovation are taken seriously—by faculty and by students. In the Art Department, we encourage students to study topics they are passionate about—whether it be performance art, modern architecture, photography or medieval cathedrals. We also introduce what might be less familiar, encouraging students to explore new media (including interactivity and 3D printing), diverse geographies, and original objects in the Smith College Museum of Art.

A concentration in art at Smith has led students to careers as artists, historians, architects, landscape architects, museum curators, gallery owners, teachers, conservators, preservationists and writers. Others have found careers in business and law, in fact, in all professional and life pursuits.

The full range of courses in the history of art and architecture—from Roman sculpture to modern architecture, and from Hawaiian featherwork to installation art—is balanced by extensive offerings in studio art, which include painting, drawing, photography, printmaking, sculpture, typography, digital media and architecture. Perhaps unique among Smith College’s rich offerings is an architecture track in the Art Department that combines studio work with courses in architectural history.

The basis for the Art major is “Art and Its Histories” (ARH 110). Within the studio area, students also need an introductory studio class and may begin with “Drawing I” (ARS 163), "Intro to Digital Media" (ARS 162), or “Studio Art Foundations” (ARS 172). “Studio Art Foundations” is strongly recommended for students planning on undertaking a studio art major.

Students are occasionally exempted from Drawing 1 upon presentation to the studio faculty of a strong drawing portfolio; portfolio reviews are scheduled during orientation week. For first-year students coming to Smith with a strong background in art history, it is possible to take 200-level; classes open to first years will appear in the Smith course catalogue (e.g., those without any pre-requisites).
Astronomy (AST)

The cosmos, from our home planet to the farthest reaches of the universe, is a wondrous and mysterious place. In astronomy you study the origin and fate of the universe, the birth and evolution of galaxies, stars, and planets, and the possibilities for extraterrestrial biology. One of the original liberal arts, astronomy provides an unparalleled perspective for appreciating our planet and the life that it supports.

Do you love science and math? The beginning courses for you are AST 111 (Introduction to Astronomy) in the fall and AST 113 (Telescopes and Techniques) in the spring. If taken in your first year along with physics and calculus, these courses provide the basis for majoring in astronomy.

If you are unsure about your math skills, but really want to learn about the wonders of the universe and how telescopes work, the courses for you are AST 100 (Survey of the Universe) and AST 103 (Sky and Telescopes).

Finally, AST 102 (Sky and Time) is for students of all backgrounds. It explores the astronomical roots of timekeeping and the origin of clocks and calendars among all the cultures of the world.

Our classes use the telescopes of the McConnell Rooftop Observatory for sky viewing and celestial photography. The Astronomy Major is offered collaboratively through the Five College Astronomy Department that collectively includes 15 faculty and offers a rich undergraduate curriculum and lots of research opportunities, including summer internships. If you are considering a major or minor in astronomy be sure to make an appointment with Suzan Edwards or James Lowenthal at the earliest opportunity.
Biochemistry (BCH)

Biochemistry is an ideal major for students with a broad interest in current science, as it brings together aspects of biology, chemistry, computer science and physics for an interdisciplinary approach to problem solving at the cellular and molecular levels. Areas such as genomics, proteomics, enzymology, pharmacology, metabolism, energetics, bioinformatics and structural biology are all encompassed within the discipline.

Biochemistry is also interdepartmental, sponsored jointly by the biological sciences and chemistry departments. Advisers to the major are drawn from both departments. Because biochemistry builds on the fundamentals of both biology and chemistry, students who major in biochemistry begin by taking courses in both of these fields. The background includes general biology, cell biology, physiology and molecular biology, as well as general, organic and physical chemistry. Biochemistry follows in either the second or third year, along with more specialized courses selected according to the student’s individual interests.

Because this major requires a sequence of courses with various prerequisites, entering students are encouraged to see one of the biochemistry advisers before making initial course selections. Any student considering a Biochemistry major should take CHM 111 or 118 in the fall of her first year followed by CHM 222 in the spring semester. If she does not begin in CHM 111 or 118 in her first semester, she must wait until the fall of her sophomore year for these courses to be offered again, putting herself behind in courses for the major. Typically, a first-year student will also take BIO 132 and 133 during one of the two semesters during her first year.

Placement in the introductory biology and chemistry courses is achieved by departmental consultation at the time of registration.
Biological Sciences (BIO)

Recent advances in the life sciences have provided an unprecedented understanding of the mechanism of biological systems. Ranging across size scales from the molecular level to whole ecosystems, these achievements are both providing insights into how biological systems function and enabling new technologies for further investigation. This knowledge is not only important for furthering our understanding of biology, but it also provides a critical foundation for approaching many of the most crucial issues facing humanity this century. Pivotal issues, such as: emerging infectious diseases, genetically modified organisms, species extinctions, climate change, synthetic biology and personalized medicine all require an understanding of basic biology, but will also have far reaching affects that go beyond the life sciences, entering the realms of economics, politics, global health and fundamental aspects of society and culture.

The major in biological sciences at Smith College is designed to provide (1) conceptual breadth across the major disciplines in biology, (2) depth in one or more specialized fields in biology, (3) experience with state-of-the-art tools and techniques of biological research and (4) the opportunity to personally experience the excitement and process of scientific investigation. Within this general framework, students can construct course programs that serve their individual interests and plans after graduation, while ensuring that they acquire a broad background in the biological sciences. Exposure to related fields, such as chemistry, physics, geology, engineering, mathematics and computer science, is also encouraged. Prospective majors should consult with biology faculty in choosing their courses.

majors are required to complete the three core courses (BIO 150, 152 and 154), CHM 111 or 118, and a course in statistics (preferably MTH 245). In their first semesters, students are encouraged to enroll in 2 core courses and their associated laboratory courses (BIO 150/151, BIO 152/153, and/or Bio 154/155). The core courses can be taken in any sequence, and each is offered in both the fall and spring semesters. Many of the 200- and 300-level biological sciences have these core courses as prerequisites. Students with AP scores of 4 or 5 may elect to skip the core courses, but must then take an advanced course in the associated topic area (Cells, Physiology and Development; Genetics, Genomics and Evolution; or Biodiversity, Ecology and Conservation). Please discuss these options with a faculty member in biology if you have any questions.

The major also requires: two or more 300-level courses, at least one of which must have an associated laboratory; at least five laboratory courses, including at least two of the three core course laboratory courses (BIO 151, 153 and 155); and elective courses to bring the course total in the major to 12. Note that the BIO 159Y laboratory course may substitute for both the BIO 151 and BIO 155 laboratory courses, while the BIO 180Y laboratory course may substitute for both the BIO 153 and BIO 155 laboratory courses. Finally, there are five tracks through the major - (1) Integrative Biology, (2) Cells, Physiology and Development, (3) Genetics, Evolution and Molecular Biosciences, (4) Biodiversity, Ecology and Conservation and (5) Biology and Education. These tracks are designed to provide guidance for a curriculum that creates both breadth in the biological sciences and depth in one area of biology. For further information and to find a detailed description of the major, please consult the Smith College Catalogue.
**Book Studies (BKX)**

The concentration in Book Studies is designed for bibliophiles—students who love books in all their forms and platforms—and who may be considering future work in publishing, libraries, teaching, graphic design and typography, book arts, or information technology. Book Studies combines classroom study, independent research, and relevant hands-on experience. It will provide you with an introduction to the history, art, and technology of the "book," broadly defined to encompass oral memory and papyrus scrolls as well as manuscripts, printed books, and digital media. Book Studies will also connect you with the exceptional resources of the Mortimer Rare Book Collection, the wealth of book artists, craftspeople, small publishers, and fine presses of the Pioneer Valley, and the unusual richness of book-related courses found in the Five-College environment. Another important feature of the Book Studies Concentration is that it is interdisciplinary, allowing you to take classes offered by a wide range of departments and programs.

In addition to the 1-credit gateway course *(Perspectives on Book Studies)* and the 2-credit senior capstone project, concentrators take two required core courses (*The Technology of Reading and Writing* and *The Art and History of the Book*), as well as two electives from a long and interesting list, chosen to support your primary area of focus. In particular, the senior capstone experience enables you to explore a wide spectrum of subjects that includes medieval manuscripts, early and fine printing, book illustration, children’s picture books, the book trade and publishing, artists' books, censorship, the social history of books and literacy, the history of libraries and book collecting, and the effects of the current digital revolution on the material book.

In addition to the coursework, concentrators also complete two practical experiences in some field of book studies. With the help of the director you may arrange for these experiences in off-campus collections, private or institutional, or complete them on campus in a variety of jobs in the Special Collections department of the Smith College Libraries.

Apply for participation in the Book Studies concentration in the fall of your sophomore year by attending the presentation of the concentration, contacting the director, or submitting the application on the Book Studies website.

Learn more about the concentration at our website [http://www.smith.edu/bookstudies](http://www.smith.edu/bookstudies) or by contacting the acting director, Nancy Bradbury (nbradbur@smith.edu) or the administrative assistant, Barbara Blumenthal (bblument@smith.edu).
**Buddhist Studies Program (BUS)**

Smith is a major center for Buddhist studies, with internationally recognized scholars whose research and teaching span a range of Buddhist traditions and disciplinary approaches, and many programs for students interested in the study and practice of Buddhism. Smith is also part of the Five Colleges, which has one of the largest concentrations of scholars of Buddhist studies in the United States, creating many opportunities for faculty and students to collaborate. The area surrounding Smith also offers a variety of settings in which to learn about Buddhism, with more than 60 Buddhist groups and organizations in the Pioneer Valley.

Buddhist studies addresses virtually every aspect of human culture—from the most public institutions (the king of Thailand, Dalai Lama of Tibet) to the most interior neurochemical structures (what does the brain of a Buddha look like?). A minor in Buddhist Studies allows for a sustained focus on Buddhism, offering insight into its intellectual traditions and contemporary implications as well as an important credential for graduate admissions. It also provides an excellent complement to many majors, including religion, philosophy, American studies, anthropology, art history, Asian studies, comparative literature, East Asian languages and literature, East Asian studies, the study of women and gender, psychology, neuroscience, and more.

The study of Buddhism is by nature both interdisciplinary and international. Our minor offers opportunities to study Buddhism overseas in cultures deeply shaped by Buddhism, and to incorporate courses from a wide range of disciplines in the humanities, social sciences, and natural sciences. We also offer the opportunity to incorporate contemplative study and practical experience. In addition, we bring many visitors to campus, allowing students to interact with eminent scholars of Buddhist Studies and renowned Buddhist practitioners.

The ideal place to begin your studies of Buddhism is *The Study of Buddhism* (BUS 120), which is offered in the first half of Fall 2017. This is a two-credit course that introduces students to the methods and disciplines involved in the study of Buddhism. Another excellent place to begin this fall is *The Meaning of Life* (PHI/REL 108). In the spring semester, beginning students are welcome in *Introduction to Buddhist Thought* (REL 161) and *Anthropology of Religion* (ANT 274).

For more information, visit [www.smith.edu/buddhism](http://www.smith.edu/buddhism).
**Chemistry (CHM)**

By harnessing her understanding of atomic and molecular-level interactions, a chemist builds a better world. Chemists invent new pharmaceutical agents, unravel the workings of life, and discover new materials for use in advanced electronics and other technology. As with other sciences, chemistry is concerned with the principles that explain our world. Unlike most other scientists, chemists use these principles to create entirely new molecules and materials, capable of previously unknown or even unimaginable function. Chemistry's unique reliance upon both rigorous experimentation and unbounded imagination positions its practitioners to devise new solutions to some of humanity's greatest challenges, including the scourge of disease, the need for sustainable energy, and the remediation of our damaged environment.

The chemistry department offers courses for the major, minor and for nonmajors. The foundation for chemistry majors is laid in the three course introductory sequence, CHM 111 (or CHM 118), CHM 222, and CHM 224. First-year students begin with CHM 111, a general chemistry course for students with little or no background in chemistry, which is separated into three or four smaller sections to provide stronger student/faculty interaction. Alternatively, CHM 118 is an advanced general chemistry course for students with a strong chemistry background and replaces both CHM 111 and 224. Following CHM 111/118, most students take CHM 222: Organic I during their second semester. CHM 224, a second general chemistry course, may be taken after organic chemistry (the 2nd semester of organic chemistry, CHM 223, is recommended but not required for the major) or may be taken directly after CHM 111 instead. A total of 10 courses in chemistry are required to complete the major, and majors should also plan on taking calculus, preferably within their first two years. Advanced courses available during the third and fourth years include a choice of advanced lab courses that emphasize independent projects, more focused upper-level work in a choice of subfields, and a variety of electives offered by both the department and other departments and programs in the sciences.

The chemistry faculty is dedicated to giving each student a quality education, whatever her goals at and beyond Smith. We emphasize experimental design, analytical thinking and problem solving in our courses and research programs. Students are strongly encouraged to take part in independent research, through special studies, summer research and/or Honors thesis work during the senior year. Experimental research and laboratory courses are carried out in Ford Hall with the use of cutting-edge instruments housed in the department. Each semester renowned chemists give seminars on current research to the department, and the weekly chemistry lunchbag talks provide a forum for chemistry students and faculty to informally discuss their own research projects. The chemistry department celebrates the completion of each year with its annual picnic and Ice Cream Freeze-Off.

Because chemistry permeates many disciplines, a chemistry major is well-prepared to enter a variety of professional fields. Past majors have pursued advanced studies and careers in chemistry, biochemistry, medicine, art conservation, pharmacology and environmental science. A chemistry major will join the ranks of the many Smith chemistry alumnae who have enjoyed success as research scientists, teachers, health professionals, lawyers and businesswomen.
Classical Languages and Literatures (CLS, LAT, GRK)

Classicists study the languages, literature, and culture of the ancient Greeks and Romans. This study has both intellectual and practical benefits. It introduces you to cultures that are familiar in some ways, radically different in others, and that will give you a fresh perspective on your own modern world. Studying the classics will also sharpen your skills of attentive reading, clear writing and effective speaking—skills transferable to a host of other contexts. Classics majors benefit from a small, intimate department; junior years spent in Italy, Greece, or the United Kingdom; and a variety of career choices: editor, curator, librarian, doctor, lawyer, diplomat, as well as high school and college instructor of Latin and Greek.

If you’ve already studied Latin in high school and wish to continue at Smith, you should take the placement exam administered by the department during orientation. We will use the exam to recommend an appropriate Latin course for you; we also grant advanced placement for an AP score of 4 or 5. If you’re considering a major in classics, you should also begin the study of Greek in your first or, at the latest, second year. Finally, you should consider taking courses in ancient history, philosophy, art and archaeology to complement your study of the languages.

If you’ve never studied Greek or Latin, you can begin at Smith. Latin 100Y and Greek 100Y are yearlong, 10-credit courses that will give you a solid foundation in the ancient languages, enhance your English vocabulary, and sharpen your command of English grammar. Greek is recommended for students interested in religion, philosophy, or Greek literature. Latin is important for the study of medieval and early modern history and literature, and especially useful for pre-law students.

Another way to approach the classical tradition is through the first-year seminars taught by members of our department, or the courses listed in the catalogue under Classics in Translation (CLS). These courses have no prerequisites and all the reading is in English. In fall 2015-16 we’ll be offering a first-year seminar: “Women of the ODYSSEY.”

Suggested courses for first-year students: GRK 100Y, LAT 100Y, LAT 212, FYS 107.
Environmental Concentration: Climate Change (ENX)

The mission of the Center for the Environment, Ecological Design and Sustainability (CEEDS) is to graduate women who excel at integrating knowledge in support of environmental decisions and actions. Our Environmental Concentrations deliberately link academic integration with agency and action in order to help us achieve this mission.

The Climate Change Concentration enables students to engage in an interdisciplinary exploration of the many issues related to climate change. Students will explore connections among such themes as:

- Socio-economic and historical factors affecting climate change, including the Industrial Revolution; the environmental movement; global fossil fuel industries; national and global financial institutions; and the military-industrial complex;
- the science of global climate change, including atmospheric physics and radiative transfer; sources of greenhouse gases; biological system responses to climate change; and the pre-historic climate record;
- political and governmental aspects of climate change such as the Kyoto Protocol; the relative balance between developing and developed nations of responsibility for causing and for responding to climate change; the ongoing debate over “cap and trade” and carbon tax systems; and the IPCC;
- psychological factors affecting personal behavior including political affiliation, education, and perceived normative decisions among peer groups; and
- cultural reflections of and influences on global climate change including literature, film, theatre, and visual arts

The place to begin exploring the topic of climate change is through one of our gateway courses: ENX 100, Environment and Sustainability: Notes from the Field; or LSS 100, Issues in Landscape Studies, or other climate-related courses appropriate for first years - e.g. ANT 224 Anthropocene in the Anthropocene: Human-Environment Relations in a Time of Crisis; ENG 119 Writing Roundtable: This Overheating World; GEO 106 Extraordinary Events in the History of Earth, Life and Climate; SOC 232 World Population.

Students are encouraged to apply for participation in the Environmental Concentration in the fall of their sophomore year. ENX 301: Environmental Concentration Capstone: Climate Change will be offered each fall through 2020. Students wishing to pursue the concentration must have clear plans to ensure that they can take this capstone course.

For more information about the Environmental Concentration, application information, a list of faculty advisers and more, please visit our website: http://www.smith.edu/academics/climate-change-concentration.

Joanne Benkley, Assistant Director, CEEDS, jbenkley@smith.edu
Robert Newton, Director, CEEDS; Professor, Geosciences, rnewton@smith.edu
**Community Engagement and Social Change Concentration (CCX)**

The Community Engagement and Social Change (CESC) Concentration allows each participating student to connect an interdisciplinary area of special interest to practical work in communities. Examples of areas of interest for students include immigration and citizenship, public health, education, law and policy, community organizing, community narratives, science and social change, environmental justice, social movements, and arts and activism. By combining carefully selected coursework, practical experiences in off-campus communities, research projects, and guided reflection, students

- expand and deepen their understanding of local, national, and global issues that affect communities, and
- develop the skills, attitudes, and knowledge necessary to collaborate mindfully with these communities as citizens and leaders.

Interested students can begin by taking the gateway course (CCX 120—Community-Based Learning: Ethics and Practice) offered in the spring semester. CCX 120 exposes students to various opportunities available at Smith College for engaging with communities. Students interact with peers, faculty, guest speakers, and off-campus community members who provide first-hand perspectives on community-based learning and issues that affect communities.

In addition to the gateway course, students choose 4 electives from the rich curricular offerings in multiple disciplines at Smith College and the other Five Colleges. Electives enable students to explore their area of interest while deepening their knowledge in relevant core content, including social systems analyses, social justice, diversity, community development, and community-based learning. In the capstone seminar (CCX 320), taken in spring semester of their junior or senior year, concentrators complete team projects that synthesize their prior academic work and practical experiences.

The CESC concentration is open to all students. Applications are accepted in both the fall and spring semesters. First-year students may apply for participation in the CESC Concentration in the spring semester if they have enrolled in CCX 120. Up to fifteen students from each class year are accepted into the program. For more information about the CESC Concentration, please visit [https://www.smith.edu/academics/community-engagement-and-social-change-concentration](https://www.smith.edu/academics/community-engagement-and-social-change-concentration).

Phil Peake, Director (ppeake@smith.edu).
Comparative Literature (CLT)

Comparative literature is about crossing borders: exploring ways different languages shape thought, ways writers read other authors distant in time or place, ways cultural movements connect artists from different countries, and ways diverse peoples celebrate traditions as well as redefine their cultures.

As a basis for the major, students select any 2 from 4 options:
1) Any first-year seminar with a comparative literature focus (fall 2017)
   - FYS 140: Literature and Medicine
   - FYS 162: Ambition and Adultery
   - FYS 186: Israel: Texts and Contexts
   - FYS 187: The Temptation of Knowledge

2) CLT 100: Introduction to Comparative Literature (every spring). Topic for fall 2017: “Cannibals, Witches, and Virgins”

3) CLT 202: Western Classics in Translation, from Homer to Dante (every fall), modern approaches to texts from Greece, Rome, and the Middle Ages.

4) CLT 203: Western Classics in Translation, from Chrétien de Troyes to Tolstoy (every spring), on the roots of the novel, perhaps the pre-eminent modern literary form.

*** Except for CLT 100, these basis courses are writing intensive (WI) and taught as small classes to encourage student engagement.

First-year students are also particularly welcome in the following courses:
- CLT 150 The Art of Translation: Poetics, Politics, Practice (spring 2018)
- CLT 177 Journeys in World Literature, Topic: Epic Worlds (spring 2018)
- CLT 205 20th Century Literatures of Africa (fall 2017)
- CLT 220 Colloquium: Imagining Language (fall 2017)
- CLT 232 Modern Chinese Literature (spring 2018)
- CLT 260 Health and Illness: Literary Explorations (spring 2018)
- CLT 266 Studies in South African Literature and Film, Topic: Modern South African Literature and Film (spring 2018)
**Computer Science (CSC)**

Computers play a crucial role in modern society, and their influence continues to grow at an increasing pace. Yet few understand what computers actually do or what practitioners are able to achieve with them. Many specialists are drawn to the field of artificial intelligence with its cross-disciplines of robotics and philosophy. Computer theorists blend the formal elegance of pure mathematics with the question "What can be computed?" Computer systems specialists work directly with central processors to design supercomputers that render the latest state-of-the-art animated film or with tiny embedded processors that are essential components of microsurgery.

Smith computer science graduates are employed by companies such as Google, Facebook, Amazon, IBM, Microsoft, AmeriCorps, Nintendo, Dell, Motion Computing, Booz Allen Hamilton, Morgan-Chase and the Federal Reserve. Others have become high school teachers in math, computer science or multimedia. And many have gone on to graduate school in computer science, math, law, economics, or digital art, at universities such as Harvard, Carnegie Mellon, San Francisco Academy of Art, MIT, Stanford, the University of Massachusetts Amherst, Oxford, Brown, Yale and Princeton.

The computer science major is designed to be flexible, enabling students to pursue junior year abroad, to double major, and so on. The major includes four core courses plus a 300-level research topic seminar, and courses from three primary areas: programming, systems, and theory. We have a variety of introductory courses with no prerequisites that can count toward the major. The first core course is CSC 111 Introduction to Computer Science through Programming; this presumes no prior programming experience. Students write programs that include interactive graphics and direct communications with servers. Those who wish to explore the major a bit before taking 111 have the option to take 4 credits of 10X courses first; possible choices include CSC 102, CSC 103, CSC 105, or CSC 106.

Four different courses can be taken directly after CSC 111. CSC 240 Computer Graphics, CSC 249 Networks and CSC 290 Artificial Intelligence are electives that can be taken right after CSC 111 and can fulfill 200-level requirements over the three primary areas. In addition, CSC 212 Programming with Data Structures is one of the four core courses of the major. It increases the range and complexity of programming with structured manipulation of data.

The other two core courses are CSC 231 and CSC 250. CSC 231 Microprocessors and Assembly Language is essential to comprehending how computer hardware really works and some limitations of computer software. It is also of practical significance to science majors who expect to use microprocessors to control experiments. CSC 250 Foundations of Computer Science introduces the abstract theory of computation, to models of languages and machines.

*Suggested courses for first-year students:* Students interested in computer science should take CSC 111 some time in their first year. If desired, they may first take some combination of CSC 102, 103, 105, or 106. CSC 102 How the Internet Works and CSC 103 How Computers Work reveal what is "under the hood" of these common technologies; CSC 105 pushes further into web technology, and CSC 106 creates art using computers. Students with advanced placement in computer science may be eligible to skip the introductory courses and begin with CSC 212.
**Dance (DAN)**

The educational and artistic mission of the Smith College dance department is to champion the imaginative, expressive powers of human movement. The curriculum emphasizes in-depth study of a broad spectrum of dance as an art form, including technical, creative, historical, cultural and scientific perspectives. Students are encouraged to balance performance and creative studies with a comprehensive understanding of the historical and cultural contexts of different dance traditions. They may shape their major studies in either traditional or interdisciplinary ways -- reflecting the wide range of career options and new directions of the contemporary field.

The dance department offers theory courses and studio courses. Theory courses are four-credit courses including dance history, cultural studies, choreography, music for dancers, and anatomy and kinesiology for dancers. Studio courses are two-credit courses in ballet, modern, jazz, contact improvisation and world dance forms. Students interested in a dance major should combine theory and studio courses. The recommended introductory theory courses are DAN 171 Studies in Dance History: European and North American Concert Dance (1900s-Today) and DAN 151 Elementary Dance Composition.

Studio courses are concerned with careful and concentrated training in dance, so regular attendance and participation are required. Advanced-level ballet, jazz and modern classes are by audition only. Students normally take these courses (two credits each) in addition to the regular course program. Questions about enrolling at an appropriate level can be addressed to the department faculty. All studio courses may be taken three times for credit. In addition to choreographing, studying and performing at Smith, first-year students may travel to other campuses for dance courses after the first semester and may participate in performances and special master classes on the other campuses. Current information on classes and activities at the five colleges is available through the dance department each semester.

[www.smith.edu/dance](http://www.smith.edu/dance)
[www.fivecolleges.edu/sites/dance/](http://www.fivecolleges.edu/sites/dance/)
**East Asian Languages and Literatures (EAL)**

**Imagine yourself...**
in Kyoto listening to a calligrapher discuss her art in Japanese. Or conversing with Chinese students about college life in contemporary Beijing. Maybe you would prefer to read your favorite *manhwa* (comics) in the original Korean. For your literal and figurative journeys to East Asia, knowledge of the language and culture will enhance your experience and enrich your global awareness. The Department of East Asian Languages and Literatures offers the exciting opportunity to deepen your understanding of East Asia through language, literature, linguistics and culture.

**For best results in language learning ...**
start right away! Students interested in studying Chinese, Japanese or Korean should begin in the fall semester of their first year. Introductory language courses assume no prior knowledge, but students with language experience may qualify for advanced placement. The Department offers four years of Chinese and Japanese, and three years of Korean. We also encourage students to study abroad in China, Japan and Korea to accelerate their language learning and enrich their understanding of contemporary and traditional cultures of Asia by actually living in country.

**Learning literature and culture...**
In addition to language study, students may choose from a rich selection of courses on East Asian literature and culture, all of which are offered in English. Many of these courses are open to first-year students. For an introduction to Asian culture through its vast literary traditions, consider our fall courses: EAL 231 The Culture of the Lyric in Traditional China, EAL 241 Literature and Culture in Premodern Japan, EAL 242 Modern Japanese Literature, and EAL 250 Cinema in South Korea. Additional courses open to first-year students will be offered in Spring 2018: EAL 232 Modern Chinese Literature, EAL 234 Self and Society in Chinese Fiction and Drama, EAL 245 Writing, Japanese and Otherness. Department courses in subsequent years will offer additional thematic and cross-cultural inquiries into the literature and cultures of China, Japan, and Korea.

**Majors, minors, and study abroad...**
Students who want to focus on developing both their linguistic and cultural fluency may choose between a major and a minor. The major allows students to concentrate in either Chinese or Japanese by taking a combination of language, literature and culture classes. The minor allows for concentrations in Chinese, Japanese or Korean. We also encourage students to take advantage of our outstanding study-abroad programs, where you will accelerate your language studies and learn firsthand about contemporary Chinese, Japanese or Korean society and culture. For more details on our courses, the major and minor, and study abroad, please refer to the department website (http://www.smith.edu/eall/). Information sessions on study abroad will be offered in the fall semester. If you have additional questions, please feel free to contact Professor Sujane Wu, Chair of the Department of East Asian Languages and Literatures, at swu@smith.edu.
East Asian Studies (EAS)

East Asian Studies offers students the opportunity to develop a coherent and comprehensive understanding of the Asia Pacific region. In the twenty-first century, the study of East Asia (including China, Japan, and Korea) is not an exotic or peripheral pastime, but rather a mainstream and integral component of a liberal arts education.

The EAS program reflects the emergence of East Asia politically, economically, and culturally onto the world scene, especially during the past century, and anticipates its continued importance in the future. Our offerings have prepared recent graduates for careers in such areas as academia, the mass media, securities and banking, law, international organizations, and the Foreign Service.

The East Asian Studies major allows students to combine learning one or more of the regional languages (Chinese, Japanese, Korean) with an interdisciplinary exploration of both the humanities and the social sciences. The major allows students to concentrate on the society and culture of one East Asian country (in comparative perspective) or to focus on a theme (for example, colonialism in East Asia, East Asian politics and diplomacy, thought and art, or gender). Students are encouraged to study abroad in one of our many recommended programs.

First-year students should consider taking EAS 100 Modern East Asia and one of the East Asian languages. Most of the 200-level courses in the Program welcome first-years as well.
Economics (ECO)

Economics studies the allocation of a society’s resources and explores the many public policy debates around those allocations. Economists believe that markets are generally (but not always) a good way to allocate society’s resources, but how do markets work, why are they useful and when do they fail?

Some students choose to study economics in order to become economists and work in finance, business, academia or government agencies. Other students majoring in economics find that the logical rigor and social relevance of economics prepare them for diverse careers in law, nonprofit and educational organizations, and public service. But economics is also useful for nonmajors. For them, economics can be an important element in their general liberal arts training, helping them to function as informed citizens and enriching their daily lives. There are many opportunities to continue the study of economics during a Junior Year Abroad, both in English-language and foreign-language programs.

Suggested courses for first-semester, first-year students are Introductory Microeconomics, ECO 150, or Introductory Macroeconomics, ECO 153, which may be taken in either order. If the student has placed out of the introductory sequence she may go right on to one of the intermediate courses, ECO 250 or 253. Students who have already taken economics in high school are encouraged to take one or both of our economics placement exams.
Education and Child Study (EDC)

Education and the study of learning touch every aspect of human activity. At the Smith College Department of Education and Child Study, we believe teaching and the study of how people learn are central to the health and future of our rapidly changing and diverse society. Since 1871, Smith College has been preparing teachers and educational leaders who understand what it takes to create classrooms where students learn to engage their world critically, imaginatively and reflectively. Our alumni, faculty and students work on the most pressing social and human question of our time: How can educators create settings where all children can learn and flourish?

The field of education is truly multidisciplinary, and our quest to understand education includes historical, philosophical, sociological, and psychological perspectives. Effective teaching, curriculum design and the creation of instructional materials are major educational concerns. So too are understanding how people acquire knowledge and skill, how they think, solve problems and become literate. Students may wish to enroll in an education course to learn about any of these topics, to get a perspective on the educational enterprise or, perhaps most importantly, to gain insight about themselves as learners.

The teaching profession is often the aim of students in education. We offer programs leading to teaching certification and careers in elementary and secondary teaching; however, the field is broader than this. Business, industry, museums, hospitals and other institutions are becoming increasingly involved in education. Publishers, television and the computer industry are concerned about educational matters. Educational research and development, evaluation, guidance and counseling, and special education are other education-related fields. We offer a nonteaching major for students who want to concentrate in these areas.

EDC 235: Child and Adolescent Growth and Development and EDC 238: Introduction to the Learning Sciences are good beginning courses. The Smith College Campus School, a K through grade six laboratory school, is the primary site for research, observation and teaching. Many courses use this excellent resource.
**Engineering (EGR and EGN)**

In addition to developing a deep conceptual understanding of fundamental principles and putting this understanding into practice through exciting real world applications, Smith engineering students understand the social, political, economic and environmental impact of their work. An integrated curriculum of liberal arts, science and engineering courses provides the breadth and depth needed to think critically, act reflectively and make informed choices. In the best Smith tradition, we believe that engineers should think deeply and broadly about the effect that their professional actions will have on the well being of those whose trust they hold.

Smith’s engineering program offers students two distinct degree options: a B.S. degree in Engineering Science [EGR], and a B.A. degree in Engineering Arts [EGN]. The Bachelor of Science (B.S.) in Engineering Science is accredited by the Engineering Accreditation Commission of ABET, [http://www.abet.org](http://www.abet.org), and is designed for those students who intend to practice professionally as engineers or pursue graduate study in engineering or a related field. Engineering science combine the foundation that underlies all engineering disciplines with technical depth, design, and practice. Our students go on to pursue graduate degrees and careers in a range of engineering disciplines that include electrical, civil and environmental, materials, mechanical, bioengineering, aerospace, and industrial design. Because of their ability to think critically, act ethically, and communicate effectively as they frame and solve complex problems, Smith engineers are also widely sought after for opportunities in industry and not-for-profit agencies.

The degree of Bachelor of Arts (B.A.) is a non-accredited degree that is designed for those students who do not intend to practice as engineers, but who recognize the increasing importance of engineering and technology in today’s world. The possibilities of coupling the B.A. in engineering arts with other disciplines are boundless: wherever your interests and passions may lie, the B.A. enables you to design an educational path that links engineering and the liberal arts in a way that is uniquely suited to you and your goals.

No matter which degree option appeals to you, first-year students considering engineering should take **EGR 100 Engineering for Everyone**, which is a first-year engineering design course. Additionally, students should take **CHM 111 General Chemistry**, as it is offered only in the fall, and Calculus (Math 111 or 112, as appropriate). Most students interested in engineering should wait until the spring semester to take Physics (PHY117). Engineering majors who cannot register for EGR 100 in the fall may consider PHY 117 if they have completed MTH 111 (Calculus I) and B.S. majors can consider CSC 111 for the fall semester. Student who wish to pursue an Engineering major are advised to declare their major in the spring of their first year. Declared EGR and EGN majors have priority in registration for 200, 300, and 400-level engineering courses. Visit the Picker Engineering Program website for detailed program information, [http://www.smith.edu/engineering](http://www.smith.edu/engineering). The Engineering Office is located in Ford Hall 155.
**English Language and Literature (ENG)**

The department of English offers a variety of courses in British, American, and postcolonial literature as well as courses in theory, writing and film. English courses teach close reading, informed interpretation and effective writing; they offer historical and comparative perspectives on literature; and they encourage students to read with skill, subtlety and pleasure. Fuller descriptions of all of our courses may be found on the department’s webpage (www.smith.edu/english/).

Students enter the major by taking two out of four possible gateway courses: ENG 199 (offered both semesters), 200 (fall), 201 (spring), or 231 (fall). To take ENG 199, 200 or 231 in the fall of the first year, students must have scored 710 or more on the Critical Reading part of the SAT or scored 4 or 5 on the AP exam; students who haven’t taken these exams should discuss their readiness for these courses with the instructor. ENG 199, Methods of Literary Study is intended for students seriously considering an English major. It provides them with a tool kit of critical terms and allows them to experiment with a variety of texts, from medieval poems to Hitchcock’s *Vertigo*. ENG 200 and 201, The English Literary Tradition I (fall) and II (spring) provide a historical survey of the development of English literature from its beginnings in Anglo-Saxon poetry to its explosion in the 20th century into a vast international heritage of many genres, cultures, and peoples. It allows students to discover authors, periods or genres that they can explore further in more advanced English courses. We recommend, but do not require, that 200 and 201 be taken in sequence. ENG 231, American Literature Before 1865, is a historical survey that focuses on the role of literature in the new nation as it sought to establish a culture of its own. ENG 231 is the first part of an American literature sequence that continues with ENG 233 and 235.

Some junior English majors immerse themselves in a foreign language on one of Smith’s Junior Year Abroad programs. To do so requires that they begin to study the host country’s language immediately upon arrival at Smith if they have not already begun to acquire it. Some juniors study in the U.K. or in English-speaking countries around the world. Most juniors and seniors on campus take at least two small, discussion-based seminars on advanced topics; some participate in self-designed research projects through special studies, Kahn Institute projects or (for seniors) honors theses. In addition to a rich variety of upper-level literature courses, many juniors and seniors take advanced writing courses in nonfiction, fiction and poetry.

A first-year student seriously considering an English major—and interested in a Writing Intensive course—might take a First Year Seminar with a literary focus or a section of ENG 120 Colloquia in Literature, which is offered in both the fall and spring semesters (though most sections are in the spring). Sections of English 120 provide practice in the critical analysis of literary texts, with emphasis on writing interpretive essays. Each colloquium deals with a different theme or literary genre; frequently offered topics include Fiction, Modern Drama, Shakespeare and Film, Mysteries and Investigations, and Reading and Writing Short Poems. One colloquium counts toward the English major. Four other courses are open in the fall to first-year students who have scores of 710 or more on the Critical Reading part of the SAT, or a score of 4 or 5 on the AP exam: ENG 199, 200, 202 and 231. Three of these courses—199, 200 and 231—serve as gateway courses for the English major (see above). The entrance requirements for 199, 200 and 231 apply only to students in their first semester of college. Qualified entering students considering an English major may choose to take both ENG 199 and ENG 200 or 202 in their first semester.
Others, including those whose preparation may be less strong, could take ENG 120 in the fall and ENG 199 in the spring. Another introductory chronological sequence that counts toward the major is ENG 202 and 203 Western Classics in Translation I (fall) and II (spring). It provides intensive study of some of the major texts of Western culture, from the Iliad to War and Peace.

Entering students headed toward any major and in search of a Writing Intensive course might choose ENG 118 Colloquia in Writing or ENG 120 Colloquia in Literature. ENG 118 develops skills in writing clear expository prose and in arguing logically and convincingly. It is particularly recommended for students who have not had much practice writing analytic prose or who are uncertain of their writing skills. It serves students planning to major in many fields and does not count toward the English major. ENG 120, described above, attracts a variety of students, non-majors and prospective majors alike. ENG 199, a methods course for prospective English majors, is NOT the right choice for a student looking simply to fulfill the writing requirement. For the qualified students who take them in the first year, ENG 199, 200, 201, 202, and 203, all satisfy the writing intensive requirement.
Environmental Concentration: Sustainable Food (ENX)

The mission of the Center for the Environment, Ecological Design and Sustainability (CEEDS) is to graduate women who excel at integrating knowledge in support of environmental decisions and actions. Our Environmental Concentration deliberately links academic integration with agency and action in order to help us achieve this mission.

The Sustainable Food Concentration enables students to engage in an interdisciplinary exploration of food and the many issues involved in sustainability. Whether you are interested in global food distribution systems, the economics of agriculture, food cultures around the world, agriculture policy, or the various ways that gender and food intersect, you can explore your interests in a cohesive, directed, and stimulating way.

The place to begin exploring the topic of sustainable food is through one of our gateway courses: ENX 100, Environment and Sustainability: Notes from the Field, or LSS 100, Issues in Landscape Studies, or other sustainable food-related courses appropriate for first years - e.g. BIO 103, Economic Botany: Plants and Human Affairs; ENG 119 Writing Roundtable: What’s for Dinner? Writing about Food; FYS 147 Power Lunch: The Archaeology of Feasting; ITL 205 Savoring Italy: Recipes and Thoughts on Italian Cuisine and Culture. The First-Year Seminars also satisfy the Writing Intensive requirement for first-years.

Students are encouraged to apply for participation in the Environmental Concentration in the fall of their sophomore year. ENX 301: Environmental Concentration Capstone: Sustainable Food will be offered each fall through 2020. Students wishing to pursue the concentration must have clear plans to ensure that they can take this capstone course.

For more information about the Environmental Concentration, application information, a list of faculty advisers and more, please visit our website: http://www.smith.edu/food.

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Paul Wetzel, Co-director, Sustainable Food Concentration, CEEDS pwetzel@smith.edu
Environmental Science and Policy (ENV)

The major and minor in Environmental Science and Policy each offer an interdisciplinary course of study to prepare students to address complex environmental challenges by drawing on knowledge from multiple disciplines. Students combine analytical and communication skills with a well-rounded understanding of the environment and environmental policy and translate this knowledge into meaningful, innovative solutions. Four environmental integration courses form the core of the major. Each course brings together knowledge and approaches from natural and social sciences to explore important environmental topics at local, regional, national, and global levels. Additional introductory courses provide breadth in the natural sciences, social sciences, humanities, and statistics and introduce students to disciplines important to understanding human-environment interactions. Students gain depth of knowledge by choosing a sequence of four elective courses to create a coherent environmental focus for their major.

The minor serves as an excellent complement to many majors. Please note that certain discipline-specific courses that count toward the major do not satisfy requirements for the minor. Students should discuss the major or minor requirements with the program director or administrator, or with an environmental science and policy adviser, as listed in the course catalog.

Both the major and minor encourage hands-on learning through field and laboratory projects. Environmental internships and study abroad opportunities offer great opportunities for experiential learning. Study away courses include Smith Junior Year Abroad programs and partner programs, such as the School for Field Studies, the School for International Training, and Williams-Mystic Maritime Studies Program. More advanced work within a student’s area of interest can be pursued through Special Studies (ENV 400), Honor’s research (ENV 430d) or discipline-specific, upper-level courses. Please refer to the catalog for a full listing of courses, requirements, and advisers.

First-year students should take ENV 101—Sustainability and Social-Ecological Systems in the fall and a course in statistics (e.g., ECO 220, GOV 203, MTH 220, PSY 201, SDS 201, SDS 220, or SOC 204) in the fall or spring. Other courses appropriate for first-year students include: ANT 130—Introduction to Cultural Anthropology (majors only); BIO 130—Biodiversity, Ecology and Conservation; CHM/ENV 108—Environmental Chemistry; CHM 111—Chemistry I or CHM 118—Advanced General Chemistry (both, majors only); ECO 150—Introductory Microeconomics (majors only); EGR 100—Engineering for Everyone; ENG 118—Colloquia in Writing: Water, Science and Politics; GEO 101—Introduction to Earth Processes and History; GEO 102—Exploring the Local Geological Landscape; GEO 104—Climate Change; GEO 106—Extraordinary Events in the History of Earth, Life and Climate; GEO 108—Oceanography: An Introduction to the Marine Environment; GEO/ENV 150—Mapping our World: An Introduction to Geographic Information Systems; GOV 200—American Government (majors only); SOC 101—Introduction to Sociology (majors only); and SWG 150—Introduction to the Study of Women and Gender.
Ethics (ETH)

Ethics is an interdisciplinary minor that allows students to explore in depth issues of right and wrong that lie behind many decisions in public and private life. Courses are drawn mainly from the philosophy, anthropology, and religion departments at Smith, though relevant courses from other fields and other colleges are possible. Subjects include metaethics (on the possibility of judgments of right and wrong) and normative and applied ethics (moral judgments in specific fields, such as medicine and law).

Completing the minor requires PHI 222 (Ethics) as its basic course, plus four others chosen from among PHI 221 (Ethics and Society); PHI 235 (Morality, Politics, and the Law); PHI 238 (Environmental Ethics); PHI 242 (Medical Ethics); PHI 304 (Colloquium in Applied Ethics: a topical seminar); ANT 255 (Dying and Death). Other courses (including those taken in the past that are no longer offered) may be substituted with permission of a member of the advisory committee, whose names are listed in the catalogue.
Exercise and Sport Studies (ESS)

The Department of Exercise and Sport Studies offers performance courses in more than 30 activities, as well as theoretical courses and a minor. The performance courses provide students with a great opportunity to prepare for a lifetime of activity. Learn new activities such as Pilates, tai chi, archery, or fencing or refine your ability in other lifetime sports such as tennis and swimming. Experience the outdoors through our variety of outdoor skill classes.

Students may also choose from a number of physical-conditioning classes. Some courses lead to certification in lifeguard training, water safety, and coaching, which are often helpful in securing summer employment. More than 1,200 students each year add an ESS performance course to their course loads.

Performance (900-level) courses are offered for one or two credits and are normally taken in addition to a regular four-course academic schedule. No more than two ESS performance courses may be taken in any semester; no more than four credits for performance courses may be counted toward the degree.

ESS offers a minor in which students can focus on exercise science, health, and coaching. Prehealth students can fulfill requirements for courses in nutrition and exercise physiology with courses in ESS.

Classes in women’s health, health behavior, sociology of sport, kinesiology, sport psychology, sports medicine, and exercise physiology are offered regularly. Coaching certification is possible in our Intro to Coaching class and students taking the Exercise Design course prepare for certification as a personal trainer.
Film & Media Studies (FMS)

Film & Media Studies considers a range of moving image work, from cinema to television to video games to online digital media, in a variety of historical, aesthetic, and theoretical contexts. Why do moving images matter, to whom, and in what ways? Its core aim is to empower its majors with critical and analytical capacities to understand how moving images work, how they are brought into existence, what their various complex histories are, how they relate to each other and to other aspects of culture, and what each individual’s shifting relationship is to movies, TV, viral video, installation art, and the rest of the wide-ranging and ever-expanding field of moving images. We live in a mediatized age in which the dominant mode of information delivery, entertainment, and even memory and accounts of self involves the moving image, first and last. Film & Media Studies prepares students to engage with these conditions as more than passive viewers and consumers of culture. The major helps hone a powerful toolbox of critical instruments to navigate the way we see the world. Screens are everywhere—most of us have them with us at all times. Consider the number of times each day we engage with the moving image, from the morning news to the video links we scroll through on social media to our favorite TV show to the movies we see at the multiplex or streamed onto our computers after dinner. Indeed, our familiarity with and personal expertise with the moving image is precisely the reason to study it. Film & Media Studies allows us to see what we see as what we see and allows us to see how we see what we see.

Students generally begin with Introduction to Film and Media Studies (FMS150), which describes the parameters of the field and develops the basic methods through which we analyze the moving image. Introduction to Film and Media Studies is entirely appropriate for a First Year student. The emphasis of the major is the study of the moving image, but every major completes at least one production course. Majors interested in moving image production are encouraged to take production classes well beyond those that count toward the major. Other major requirements are designed to help the student gain a solid grounding in moving image histories, especially globally, and to help each student focus on areas including national cinemas, comparisons between moving image and other kinds of cultural production, and special topics ranging from the telenovelas of Latin America to the connections between avant-garde art and cinema to film and music, intersectional analyses of film and media, and more. Students should take the colloquium in theories and methods of film and media studies (FMS290) as soon after taking FMS150 as possible.

Study Away opportunities are rich in Film and Media Studies. In the past, majors have spent time studying in London, Sydney, Paris, Prague, Edinburgh, New York, and elsewhere. Though there is no specific study abroad program for Film and Media Studies majors, the course offerings at any university abroad by JYA are typically sufficient to complete the major. A small number of students each year complete an honors thesis, and a significantly larger number do advanced study, working closely with faculty through special studies. After graduation, many students go on to graduate work in film and media studies or related fields in both MFA and Ph.D. programs, and many more go on to do work in teaching, curating, archives, public relations, television and film development, activism, law, other media, and even the sciences.
French Studies (FRN)

The Department of French Studies offers courses in language, literature and culture, all taught in French. Our curriculum covers French as well as Francophone cultures in Canada, Africa and the Caribbean. If you like the idea of exploring other cultures and/or spending your junior year in Smith Programs Abroad in Paris or Geneva or French-speaking Africa, then you should consider taking French, even if you have never studied the language before. Many successful SPA students who studied abroad, as well as many of our majors, began their study of French at Smith.

FRN 101 and 103 (Accelerated Beginning French I and II), which form a two-semester sequence, are offered for students who have never taken French. These two courses prepare you for 200-level language, literature or culture courses in the second year.

If you studied French in high school, we will pre-place you in one of our courses according to your achievement and/or AP test scores. **We strongly encourage you to take our online French placement test accessible through self-enrollment on Moodle during the summer and orientation (see the Registrar's website for detailed instructions), as it will let us place you more accurately than the standardized tests.** You will probably qualify for FRN 120 if you have had two to three years of French in high school, for FRN 220 if you have had three to four years of French, for FRN 230 if you have had four years of French, and for a Concept Course (for instance, FRN 251, 265, 282) if you have had AP French. Our placement recommendations are meant to be flexible; if after a week of classes you find you’re not at the right level, you can consult with your instructor and choose another course.

No matter what your plans are for the future, we encourage you to consider spending your junior year abroad. Smith College has two yearlong programs in Paris and two programs in Geneva. All programs are open to a variety of majors in the humanities, social sciences and sciences. In general, most courses taken on Smith Programs Abroad in Paris or Geneva can count toward the major in French Studies.

**Paris:** To qualify for the yearlong Smith Program Abroad in Paris you will need two years or the equivalent of college-level French, normally four four-credit courses, including one course at the 250 level or above in the spring semester of the year before study in Paris. Students who enter Smith at the FRN 230 level or above are required to take at least three semesters of French prior to study in Paris, including one course at the FRN 250 level or above in the spring semester of the year before study in Paris. Students beginning with FRN 101 and 103 must take three four-credit French courses in their sophomore year. Students who do not meet these requirements are encouraged to consult with a member of the Department of French Studies. The Smith in Paris program offers students in architecture and art history the opportunity to study at the premier architecture school in Paris, the École Nationale Supérieure d'Architecture - Val de Seine (UNSAVDS). Another yearlong program, **Les sciences à Paris** is designed explicitly to support students in the sciences, mathematics and engineering. Coursework, research opportunities, and tutoring are combined into a customized curriculum enabling science students to experience the rich scientific traditions of France, acquire competence in French, and experience the practice of science in an international context. Students with at least one year of college-level French or the equivalent are invited to apply. The most up-to-date information on Smith Programs in Paris can be found on the website of the Office of International Study.

**Geneva:** Students on both tracks of the Smith Program Abroad in Geneva will study French language or particular subjects of interest in French while in Switzerland. The **Geneva International Internship Semester (Track A)** is available fall and spring semesters for students with at least one year of college-level French or equivalent. **University Studies in French or English (Track B)** is available for the academic year for students with two years of college-level French or equivalent, and spring semester for students with at least one year of college-level French or equivalent.
**Geosciences (GEO)**

Are you concerned about global warming, contaminated water supplies and the problems of hazardous waste disposal, sea-level rise, oceanic pollution, or the increasing frequencies of natural disasters? When you travel, do you ever wonder why the landscape differs from place to place or even how it came to be the way it is? Did you notice that the upper campus is flat with a hill to the east and a valley to the west? Have you ever wondered what causes earthquakes or why volcanoes erupt? Could the causes of the extinction of the dinosaurs offer clues about our own future?

If you are intrigued by any of these questions, consider taking a geoscience course. Geology is the study of the earth and has direct relevance to our everyday lives. Introductory-level courses in geosciences stress this relevance by concentrating on topics of broad interest and importance. Students in many geosciences courses take field trips to observe firsthand the materials and processes discussed in class.

Our introductory-level courses are designed for non-science majors but are appropriate for science majors as well. These courses include: GEO 101 Introduction to Earth Processes and History; GEO 102 Exploring the Local Geologic Landscape; GEO 104 Global Climate Change: Exploring the Past, the Present and Options for the Future; GEO 106 Extraordinary Events in the History of the Earth, Life, and Climate; GEO 108 Oceanography: An Introduction to the Marine Environment; GEO 112 Archaeological Geology of Rock Art and Stone Artifacts; and GEO 150 Modeling Our World: An Introduction to Geographic Information Systems. If, after completing one of these courses, you are interested in continuing to study geosciences or in majoring in this very special science, you should consult a geoscience faculty member to learn more about the tracks within the major: 1) geoscience track; 2) environmental geoscience track; and 3) educational geoscience track.

If you think geosciences may be your possible major, you should be sure to elect 101 and 102, or 108, or any 100-level geoscience course and GEO 102. All 100-level courses may be taken without prerequisites, and up to three 100-level courses may be counted toward a minor in geosciences. If you already think that geosciences might be your major, in addition, you should seriously consider electing one of the following during your first year: CHM 111 or 118, MTH 111, 112 or 114, PHY 115 or 117.
**German Studies (GER)**

When you study German, you study much more than just a language. You investigate figures and events that have shaped modern global culture. You explore literary, philosophical, and artistic traditions that have influenced how the world thinks, does business, conducts diplomacy, and invents things. You develop skills of critical thinking and intercultural appreciation that will serve you well in whatever you do and wherever you go in the world.

The German Studies Department has devised an innovative curriculum that brings the richness of the field to you as early as your first year. You don’t have to master the language before you start to explore the possibilities, which include courses on film, media, and cultural studies, as well as the language itself.

**If you’ve had some German and want to take one of our language courses, you must take the one-hour placement exam during orientation.** This is a purely diagnostic test and allows you to choose the course for which you are best prepared. Students with AP scores of 4 or 5 do not need to take the placement exam. They should take GER 300 in the fall semester (*How Martin Luther’s Reformation Shaped Europe, 1517-2017*); in the spring semester, they should take GER 260 (*Advanced Intermediate German: German Across Campus*) or GER 300 (*Diversity and Multiculturalism in German Literature and Culture*).

By taking German, you will qualify to participate in Smith’s own Study Abroad Program in Hamburg. Our program combines the opportunities of a large university in Germany’s second-largest city with the close, personal attention you expect from Smith. Students who study in Hamburg have majors from a wide variety of fields, for instance art, biology, chemistry, comparative literature, economics, engineering, environmental studies, government, history, music, philosophy, psychology, religion, and sociology. You can integrate a major or minor in German Studies with studies in a variety of disciplines.

Even if you have no background in German, consider this course for the fall:
GER 110 *Introductory German*. If you’re interested in going to Hamburg, you need to start learning German. It’s a year-long course, so start now!
You can also begin learning German in the spring with an 8-credit intensive course in collaboration with Mount Holyoke College: GER 120 *Intensive Introductory German*.
And if you want to explore German culture without necessarily learning the language, we suggest these courses in the spring semester: GER 161 (*The Cultures of German-Speaking Europe*) and GER 231 (*Topics in German Cinema: Weimar Cinema*).

*If you have taken German before, be sure to take the placement exam during orientation. (Monday, 4 September 2016, at 9:00 and 10:00, Seelye Hall, 212).*
Government (GOV)

The mission of the Department of Government is to educate students about the nature of political power. The inquiry, in one of its forms, is normative, with attention paid to the purposes of power and to the rights and duties of citizens. Attendant questions of justice and law also arise. In another of its forms, the inquiry is empirical. Here the subject is the practice of politics, particularly the structure and behavior of governments and the domestic and international institutions that interact with them. Methodology is a third form of inquiry, with students taught the techniques of quantitative and non-quantitative research. Finally, in a fourth form, the inquiry is applied, insofar as internships, community service and role-playing function as applications of the discipline. Government majors should emerge from the program with an understanding of the social, cultural and historical factors that shape the exercise of power. They should possess the ability to assess and criticize political actions and have the interest and confidence to engage in politics themselves.

Our main introductory course, GOV 100 Introduction to Political Thinking, exposes students to the classic, canonical texts of the Western political tradition. Students soon learn that not every author acknowledges the superiority of democratic government, the desirability of peace and prosperity, the reasonableness of civilization or the beneficence of market competition. The course begins with Plato and ends with one or more authors from the 20th century. First-year students are advised to enroll in GOV 100, taught in independent sections in both fall and springs semesters. The other subfields of the major -- American government, comparative government, and international relations -- have their own introductory courses (GOV 200, GOV 220, GOV 241, respectively), and students are advised to take them, in any order (though depending on background and level of preparation, some students might move directly to the more advanced 200-level courses). The Department also requires that students take GOV 203 Empirical Methods in Political Science. Seminars (300-level courses) in the subfields are reserved for juniors and seniors.

Eleven courses make up the major: GOV 100 and GOV 203 (which are required), one 200-level course in each of the four subfields (including the introductory courses), a concentration (a 300-level seminar plus one related course), and three electives (courses from any subfield taken at any level).

The Department of Government sponsors and operates the Picker Semester-in-Washington Program in Washington, D.C. Selected students, in the fall of their junior or senior year, spend a semester in Washington working as interns, taking a seminar and writing a lengthy research paper. Study abroad is also encouraged, with the Smith JYA Program in Geneva especially recommended since the curriculum there focuses on politics and economics, with a particular emphasis on international relations.
History (HST)

As a constantly changing field that continues to be interpreted in many innovative ways, history stands at the core of a liberal arts education. The study of history introduces you to individuals, societies, and cultures in the past, offering insights into the making of our own complex world.

Whether or not you are a prospective history major, the Department of History provides entering students two avenues to the study of history: 100-level courses that introduce students to historical inquiry and 200-level courses that survey a region over time.

At the 100-level, the department especially recommends small discussion-oriented classes focused on particular themes and sources, and geared toward beginning students. In fall 2017, HST 150, The Historian’s Craft, taught by Jeffrey Ahlman, introduces students to the study of History and to what historians do. It is a requirement for the History major but open to all students. Also offered are the following First Year Seminars: FYS 142, Reacting to the Past, taught by Joshua Birk; FYS 154, The World of Anna Karenina, taught by Sergey Glebov, FYS 182, Fighting the Power: Black Protests and Politics Since 1970, taught by Samuel Ng, FYS 183, Geisha, Wise Mothers, and Working Women, taught by Marnie Anderson. All of the First Year Seminars listed here count toward the History major and satisfy the Writing-Intensive requirement. Students interested in history have the further options of the following cross-listed courses for fall 2017: EAS 100, Modern East Asia, taught by Marnie Anderson, and Africana Studies 117, History of Afro-American People to 1960, taught by Louis Wilson.

Entering students are also welcome in 200-level History classes, all of which are open to first-year students unless specified in the catalogue description. 200-level courses suitable for first-year students in fall 2017 include HST 202 Ancient Greece, HST 208 The Making of the Modern Middle East, HST 224 History of the Early Middle Ages, HST 234 Global Africa, HST 238 Gender and the British Empire, HST 246 Memory and History, HST 252 Women and Gender in Modern Europe, 1789-1918, HST 261/LAS 261 Latin America Since 1821, HST 265 Race, Gender and United States Citizenship, 1776-1861, and cross-listed courses, AFR 202 The Black Archive, AFR 276 The 60’s: A History of Afro-Americans in the United States from 1954-1970, AMS 227 Trade and Theft in Early America, AMS 229 Native New England, JUD 255 Twentieth-Century European Thought and REL 223 Modern Jewish Experience.

Students in classes of 2018, 2019, and 2020 may satisfy the requirements for the major with the following amendments:

1. A student may count one (but only one) Advanced Placement examination in United States, European or World history with a grade of 4 or 5 as the equivalent of a course for 4 credits toward the major.
2. Instead of HST 150, students may take an additional course: five courses, of which four must be in two fields distinct from the field of concentration.

The Department of History website provides additional information: www.smith.edu/history
**History of Science and Technology (HSC)**

Historians of science and technology study science and technology in their historical, social and intellectual contexts. How have the theories, methods and practices of science and technology changed over time? What has caused those changes? How have science and technology affected culture and society?

During the 2017-2018 academic year, students should take HSC 211 in the spring as the introductory course to the minor. In HSC 211: Perspectives in the History of Science, students will read primary and secondary sources to examine what happened during the “Scientific Revolution” of the 16th and 17th centuries. Recent scholarship has established that many of the “scientists” of that time were not nearly as revolutionary as usually portrayed, that many endeavors (such as alchemy) contributed far more to the changes than previously thought, and that many “sciences” of the period experienced great changes unconnected with the introduction of mechanical theory and mathematical methodology. Even so, something big happened. How do we describe and analyze the changes?

The program in history of science and technology offers a minor. Students take six classes: two in history of science and technology; two in the natural or mathematical sciences; and two other courses in consultation with their advisors for the minor. Usually, the two history of science and technology classes consist of a basis course such as a relevant FYS (when offered), HSC 112 (which is not offered during the 2017-2018 academic year) or HSC211; and one upper-level HSC course or HSC cross-listed course chosen by the student in consultation with the adviser. The other four courses are chosen to complement the work done in the history of science classes. The classes can be taken at any time during the student’s time at Smith.

Students in the minor are encouraged to take courses in history of science and technology at the other 5 College campuses. Work at the Smithsonian Institution in the Picker Program counts as one course toward the minor, as do relevant courses taken in the Junior Year Abroad Programs.
**Italian Studies (ITL)**

The Italian Studies Department offers the possibility of becoming fluent in a language, Italian, and thus gaining unique access to a culture at the very center of Western civilization. From the Middle Ages and Renaissance to the world of modernity and postmodernity, Italy has been a major crossroads, as it is once again for the current fluxes of immigration from Africa and Eastern Europe.

Our students are highly encouraged to spend one or two semesters in their junior year in the Smith Junior Year Program in Florence, where they get to know contemporary Italian civilization firsthand through attending courses both in our center and at the University of Florence, under the supervision of a program director. Although the choice is left to the students whether to study one semester or two in Florence, we strongly recommend the whole year, especially to the majors in Italian, if their goal is to become fluent in Italian and reach a deep understanding of Italian culture.

The entry point to the major is ITL 110 Elementary Italian or ITL 111 Intensive Elementary Italian, courses that introduce the study of the language. To apply to the Junior Year Program in Florence, students must have completed three semesters of language courses (or the equivalent) and an introductory survey course to Italian literature and art (ITL 250 or ITL 245).

The program offers a major in Italian studies. In their senior year, our majors are required to take a course on Dante or Boccaccio and a senior seminar. Traditionally, majors in Italian studies explore Italian culture in related fields, such as anthropology, art history, comparative literature, economics, education, environmental studies, government, history, music, psychology, religion or sociology and are often double majors. The program offers the possibility to write a senior honors thesis, a two-semester, independent work under the supervision of a faculty advisor.
**Jewish Studies (JUD)**

Jewish Studies offers an interdisciplinary approach to understanding the dramatic history and culture of the Jewish people, from the ancient period until today. We offer courses in Bible, Judaism, history, literature, politics, and contemporary Jewish culture.

Suggested courses for first-year students: in fall 2017, FYS 186: Israel: Texts and Contexts; JUD 101 Elementary Modern Hebrew; JUD 110 Introduction to Yiddish Culture; in spring 2017, JUD 125 The Jewish Tradition. Most 200-level courses offered or cross-listed by the program are open to interested first-year students without prerequisites. Several 100-level courses offered by other departments, but cross-listed in Jewish Studies, also may be appropriate.

Jewish Studies majors are required to study at least one year of Hebrew (JUD 101 and 102). Completion of a year of Hebrew also is required before a semester or year of study abroad in Israel. This rule applies to all Smith students, whether or not they are majors or minors.

The required basis of the major and minor is JUD 125 The Jewish Tradition, a course that provides an overview of seminal Jewish texts and ideas in historical context. In spring 2017, JUD 125 will be organized around the topic of “Food and Foodways.”

Jewish studies majors and minors frequently participate in academic programs abroad during their junior year or summers. In recent years, students have attended programs at such institutions as the Hebrew University of Jerusalem, Tel Aviv University, the Arava Institute for Environmental Studies, CET Jewish Studies in Prague, University College London (UCL), and the Yiddish Book Center, to name but a few.

A full listing of courses, major and minor requirements, study abroad opportunities, and affiliated faculty is available on our website: www.smith.edu/jud
Landscape Studies (LSS)

Smith’s program in landscape studies is the first of its kind in a college in the United States. Landscape studies is a multidisciplinary field that brings together studies in architecture and landscape architecture, landscape history and theory, art, art history and literature to join the sciences and social sciences in thinking about how we understand and interact with our environment. How do we view, define and use the land, whether it is our backyard, a moonscape, a construction site, a neighborhood, a formal garden or a rain forest? How does land become a landscape—that is, a cultural as well as physical construction that is both imagined and engineered? How can we best prepare to be stewards of our environment? Landscape studies courses will complement your work in such majors as anthropology, art, biological sciences, literary and cultural studies, engineering, environmental sciences and government.

Our landscape studies minor requirements include LSS 105, “Introduction to Landscape Studies”, two other LSS courses, and three more courses in LSS or in related programs and departments across the curriculum. You may choose to include studios in landscape studies or architecture as part of the minor. This fall, we recommend that you take LSS 105. In the spring, we hope that you will take our two-credit course “Issues in Landscape Studies” (LSS 100), with weekly lectures by Smith and Five College faculty and other professionals, including practicing and teaching landscape architects, architects, engineers, developers, lawyers, biologists, artists, writers, and social and literary critics from all over the country. After your first year at Smith, faculty in the Department of Landscape Architecture and Regional Planning at the University of Massachusetts will welcome you in many of their courses, and you will also find related courses at Amherst, Hampshire and Mount Holyoke colleges. Qualified LSS minors who take an appropriate graduate course at UMass in their senior year may then complete the professional degree in Landscape Architecture at UMass in two years instead of three.

LSS minors have internships in the United States and abroad, often while on one of Smith’s Junior Year Abroad programs, and go on to graduate work in such fields as architecture, landscape architecture, biological sciences, engineering, environmental law, urban and regional planning, political science, and literary studies.

Our Landscape Studies advisers will be glad to talk with you: Ann Leone (French Studies; Director of Landscape Studies), Steven Moga (Landscape Studies), and Reid Bertone-Johnson (Landscape Studies; Manager of Smith’s Field Station).
**Latin American and Latino/a Studies (LAS)**

The major in Latin American Studies and the minor in Latino/a Studies require introductory, intermediate and advanced coursework in Latin American and Latino/a Studies (LAS), as well as intermediate and advanced courses in the humanities and social sciences related to Latin America, the Caribbean and Latinos/as in the U.S. To get started, we encourage first-year students to take one or more of the following: LAS 150 (fall semester), LAS 250 (spring semester), or cross-listed courses in the social sciences, arts and humanities.

A First Year Seminar (FYS) on a Latin American topic is also a good place to begin a study of Latin America. (FYS 127, FYS 129, FYS 159)

An introductory (100-level) course is recommended for students interested in courses on Latin America and/or Latinos/as in the U.S. in the following disciplines: anthropology; art history; economics; government; sociology.

Students of Spanish should take the on-line placement exam prior to enrolling in a SPN course. The study of Latin American literature typically begins at the 200 level (SPN 230, SPN 246, SPN 260, SPN 261) but students should consult with members of the Department of Spanish and Portuguese to identify the appropriate course for their level. For students interested in studying Portuguese, please consult with members of Portuguese and Brazilian Studies. The on-line catalogue has a full list of advisers and requirements for the major and minor. You may contact Michelle Joffroy, Director of the Latin American and Latino/a Studies Program, via email at mjoffroy@smith.edu.

**Latin American Studies Major (10 Courses, 40 Credits)**

**Basis:** LAS 150

**Other core requirements:** LAS 250 and LAS 310: Capstone

All students must also complete 7 electives:

- 2 Humanities courses (e.g., literary studies, historical studies, cultural studies) in Spanish or Portuguese; normally these will be at the 200-level [8 credits]
- 2 Courses in the social sciences (e.g., Sociology, Anthropology, Government, Economics); normally these will be at the 200-level [8 credits]
- 1 Historically-focused class on Latin America; normally at the 200 level [4 credits]
- 1 Course that focuses on the arts in/of Latin America (art history, film studies, theater, dance); normally this will be at the 200-level [4 credits]
- 1 Course on Latin America at the 300-level; this class may be in any discipline [4 credits]

Of these 7 courses, at least one must focus on the period before Independence (e.g., pre-1825) and one must focus on Latino/a Studies.

To build coherence across this range of classes, we expect students to work with their major advisors, choosing their 7 courses to develop an intellectual focus. Such foci may be:

* Thematic (e.g., Race/Diaspora, Indigeneity, Gender/Sexuality, Latinidades, Migration/Immigration)
* Geographic (e.g., national, transborder/border studies, regional)
* Temporal (e.g., pre-1825, 19th/20th century, contemporary)

**Latino/a Studies Minor (6 Courses, 24 Credits)**

**Required core:**

- 1 course in the history of Latin America and/or the Caribbean
- 1 Humanities or cultural communication course in Spanish (normally at the 200-level)
- LAS 310: Capstone

All students must also complete three Latino/a-focused courses that fulfill these distribution requirements:

- At least: 1 course in the social sciences, normally at the 200-level (ANT, ECO, GOV, SOC, HST)
- At least: 1 course in the humanities/arts, normally at the 200-level (ARH, CLT, DAN, ENG, SPN, THE)
**Linguistics**

Linguistics is the science of language: it is the systematic study of what is universal, how grammars work, and what variation across languages comprises. Language is considered the crowning achievement of the human mind: how can that be characterized?

The basic course for the minor in linguistics is PHI 236 Linguistic Structures. This course exposes students to the major fields of contemporary linguistics, with an emphasis on generative approaches following Chomsky. It covers the major divisions of phonology (sound systems), syntax (grammar), semantics (meaning) and pragmatics (use), with exercises on the analysis of English but also many other languages.

Linguistics is connected to many disciplines in fruitful ways, so students are attracted to it from a range of backgrounds: psychology, foreign languages, English, computer science, education or philosophy. A first-year student with good background in languages and good analytic skills could take PHI 236. Other possible starting points might be to take a yearlong study of another language, Logic 100 or a relevant English colloquium, then take PHI 236 as a second-year student.

Students may design a linguistics major under the program for self-designed majors. The Five Colleges are exceptionally rich in relevant courses, and there is an active community of linguists to assist interested students. The minor description in the catalog lists many possibilities.
**Logic (LOG)**

Logic is the study of formal and informal reasoning. It is fundamental to philosophy, law, linguistics, computer science, mathematics, theology, government, economics, cognitive science---and every other field.

Logic is about following strict rules. At the same time, logic is also about creating new rules, sometimes to capture nuances in natural language and sometimes just for fun.

Studying logic enhances a student's reasoning ability, her analytic reading and writing skills, her oral debate skills, her appreciation of language structure, argument structure, and the structure of formal systems.

Most importantly, logic is all we have to deal with the fundamental paradoxes of thought, and of the infinite.

Interested students may begin with LOG 100 or LOG 101. An interdepartmental minor and a Five College certificate are available. Over the years, many students have designed majors in logic.
Marine Sciences and Policy (MS&P)

Are you curious about the world’s oceans and coasts? Would you like to know more about how the ocean system works and about the diverse forms of marine life? Are you concerned about marine pollution and coastal development? If so, the marine sciences and policy interdepartmental minor is for you. The program enables students to pursue interests in coastal and oceanic systems through an integrated sequence of courses in the natural and social sciences. An introduction is obtained by taking GEO 108 Oceanography and BIO 268 Marine Ecology (and its lab). You may then choose to pursue further study in the scientific investigation of the oceans and policy aspects of sustainable use of ocean resources and management.

In addition to taking courses at Smith, students can choose a number of Five College courses within the context of this minor. Hands-on experience at sea and along the coast is encouraged and can be obtained through programs and field trips sponsored by Smith College and by the Five College Coastal and Marine Sciences Program. For further information and advice, first-year students should consult Sara Pruss (Geosciences), Paulette Peckol (Biological Sciences) and/or David Smith (Biological Sciences).

Suggested course for first-year students: GEO 108.
Mathematics and Statistics (MTH)

Mathematics and statistics are vibrant, growing disciplines. They provide essential tools for analyzing and understanding problems in science, economics and throughout society. While applications motivate much of mathematics, the underlying principles are also beautiful and profound.

Mathematics majors go on to a variety of professions. Some go to graduate school in such disciplines as mathematics, statistics, engineering, economics, mathematical biology or computer science, law, medicine or dentistry. Others may take jobs in business, finance or teaching. Typically each graduating class has about 20 mathematics and statistics majors.

At Smith College, one can study mathematics both for its abstract beauty and its applications. Studying mathematics at the college level improves analytic and quantitative abilities and is an essential prerequisite for many fields of study. The department offers more than 25 courses each year. There are always courses in calculus, statistics, abstract algebra and discrete mathematics, as well as topics courses in such areas as mathematical sculptures, cryptography, bio-mathematics, and topology. The department also presents regular lectures, mathematics contests and opportunities for independent work and research with faculty.

A student with three or four years of high school algebra, but no calculus, should normally start with Calculus I (MTH 111). A student with a year of calculus should start with Calculus II (MTH 112) or Discrete Mathematics (MTH 153)—or both—during her first year. If a student has a year of BC calculus and obtained a grade of 4 or higher, she may omit MTH 112. We urge entering students to use the calculus placement tool posted on the Moodle site for entering students. A student with two years of high school algebra but no calculus or precalculus can enroll in Elementary Functions (102), Discovering Mathematics (MTH 105) or Statistical Thinking (SDS 107). Students with a four or five on the BC Advanced Placement Examination in calculus might consider Linear Algebra (MTH 211), Calculus III (MTH 212). Students who plan to major in the sciences and have taken calculus in high school may also wish to consider Introduction to Probability and Statistics (MTH 220). Students with a relatively weak high school mathematics background may enroll in Algebra (MTH/QSK 101).

All students are encouraged to attend the mathematics placement meeting during orientation for more information.
Medieval Studies (MED)

The program in Medieval Studies explores almost 1200 years of exciting cultural history from the fall of Rome to the birth of the modern world. It covers regions from Greenland and the Gulf of St. Lawrence in the west to North Africa, Arabia and Central Asia to the south and east. This interdisciplinary major and minor combines the study of history with that of religion and philosophy, art and architecture, music and manuscript illumination, Latin and the emerging literary languages of Europe and beyond in Arabic, Hebrew, Gothic, Medieval Welsh, Old Irish, Old English, Old Norse, French, German, Spanish and Portuguese.

Incoming students may wish to try one of our first-year seminars on Plato to the Digital Age, Norse mythology or the Celtic imagination; they may wish to learn how to read Virgil, Dante, Boccaccio, Beowulf, Chaucer, or the Mabinogion in the original, or study the History of Ancient and Medieval Western Philosophy, the Age of Cathedrals, Jewish Women of the Muslim Mediterranean, Mary: Images and Cults, Heresy, Dissent and Doubt in the Age of the Inquisition, Medieval Magic, or the Holy Land. A reading knowledge of Latin is required for the major, so those who have not yet studied this language may wish to enroll in Latin 100.

Many medieval studies majors join one of the Smith junior year programs in Florence, Geneva, Hamburg or Paris; others go to Britain, Ireland or Scandinavia. In recent years, our graduating students have gone on to medical or veterinary school, or to further graduate study at University of California at Berkeley, Cornell, Harvard, Princeton, University of Pennsylvania, Toronto, Illinois-Urbana/Champaign, Indiana, Fordham, and elsewhere in North America. Others have gone abroad, some with a Fulbright or other scholarship, to University College Dublin, the University of Iceland, the University of Oslo, St. Andrews in Scotland, Cambridge University, York University, King’s College and University College in London.

Smith has one of the strongest Bachelor of Arts programs in Medieval Studies in the country, and all interested students are warmly welcomed to discuss their options with the director or other member of the Medieval Studies Council. Both the major and minor are designed flexibly to support and encourage a student’s own developing interests and quite often make possible a double major with another academic discipline.
Museums Concentration (MUX)

The Museums Concentration gives students a foundation in the history of museums and the critical issues they engage. Through a combination of academic coursework, two internships and independent research, students learn about institutions that shape knowledge and understanding through collection, preservation, interpretation and display of material culture. The Museums Concentration provides a unique opportunity at the undergraduate level for students to consider how their academic studies might connect to their future lives and careers. Students are introduced to issues such as community access, cultural ownership and public accountability—areas of study that will be important whatever they decide to do after Smith.

The Museums Concentration draws on the educational resource of the Smith College Museum of Art’s collection of more than 25,000 original works of art and the other special collections at Smith, on the expertise of SCMA’s professional staff, and on the exceptional academic programs of Smith College and the other Five Colleges that support learning in this area. Students are encouraged to apply for participation in the Museums Concentration in the fall of their sophomore year, and up to fifteen students from each graduating class are accepted into the program. For more information about the Museums Concentration, please visit: http://www.smith.edu/museums/.

Students interested in considering the Museums Concentration may wish to enroll in the fall lecture course: MUX 118, History and Critical Issues of Museums. In this course, which is required for the concentration, Smith faculty and guests examine the historical evolution of museums as well as important contemporary issues within the museum field. Interested students are also encouraged to take introductory courses from such departments as Anthropology & Archaeology, American Studies, Art History, History, and the History of Science, which can count towards the elective requirements for the Museums Concentration. Students can consult a full list of suggested courses here: http://www.smith.edu/museums/courses.php.
**Music (MUS)**

Because music is appreciated and studied as a source of aesthetic pleasure, a subject of scientific investigation, and a sphere of practical training, the Music Department offers an array of courses in performance, in theory and composition, and in the history and literature of popular, non-Western, and Western music. You may take one or two courses to satisfy your interest in music, you may take six courses to satisfy the requirements of a minor, or you may take ten courses to satisfy the requirements of a major.

If you are new to music or wish to refresh your skills, you may take Fundamentals of Music (MUS 100), which will prepare you for further study. Music Decoded (MUS 120) will enrich your ability to listen to music attentively and critically. Other introductory courses open to those with little or no previous experience in music include First Nights (MUS 102), which explores methods of studying Western music history; and Introduction to World Music (MUS 101), which uses case studies from many parts of the globe to shed light on the complex relationships between music and culture. If you are a prospective major or if you have a good deal of musical experience, you should take a placement test during orientation to make sure you are prepared for the typical first-year course, Analysis and Repertory (MUS 110). Prospective majors are advised to take MUS 110 in their first year.

The Music Department offers ample opportunity for the study of performance within the liberal arts curriculum through individual lessons and large ensembles. You may take performance for academic credit during all your years at Smith. Individual lessons are taken above the normal four-course load, with two credits per semester. Large ensembles such as the Chorus (MUS 951), Glee Club (MUS 952), Orchestra (MUS 954) or Javanese Gamelan Ensemble (MUS 955) offer one credit per semester, also typically taken on top of a regular four-course load, and are all graded S/U.

Admission to individual lessons and some large ensembles is determined by a brief audition (described in the catalogue), for which you should sign up at the music office (Sage Hall 101) as soon as possible after arriving on campus. If you are an exceptionally experienced performer, you should discuss your musical aspirations with your prospective teacher in order to devise a course of study that will allow for pre-professional preparation.

Students who receive need-based financial aid will receive $200 per semester toward the cost of lessons. In addition, all students registered for performance lessons can submit an application to the Music Department for scholarship support (for those receiving need-based aid, these funds are in addition to the aforementioned $200 grant).

Courses open to first-semester, first-year students: MUS 100, 101, 102, 105, 106, 110 (requires a placement test), MUS 120, and courses in performance.
Neuroscience (NSC)

Neuroscience, the study of nervous systems, touches a diversity of fields including biology, psychology, biochemistry, engineering and computer science. The interests of students who study neuroscience are also diverse. For example, some students explore how consciousness can arise from a biological substrate; others become fascinated with the inner workings of individual nerve cells and how they connect with other nerve cells; and still others are interested in the development of nervous systems. Neuroscience students receive excellent preparation for a variety of careers in such areas as medicine, research, biotechnology, pharmacology, social services, law and government.

Your studies in neuroscience can begin with courses that address brain and behavior as well as courses that will give you a good foundation in biology and chemistry. In your first year, you should enroll in Cells, Physiology and Development (BIO 132/133) in either the fall or the spring semester. This is a pre-requisite to the required 200-level course Fundamentals of Neuroscience (NSC210) you will likely take as a sophomore. In addition, you could begin chemistry with CHM 111 or CHM 118 (fall) followed by CHM 222 (spring). Two semesters of chemistry are required in the major. Finally, you could take either Clinical Neuroscience (NSC/PSY 130, fall, an elective) or Sensation and Perception (NSC/PSY 125, spring, an elective). To ensure a good liberal arts education, you should balance courses in your major with courses in disciplines outside the sciences.

If you are considering completing the pre-health course requirements or are planning a junior year abroad, it is helpful to begin with CHM 111 or CHM 118 in the fall semester of your first year. We encourage students to study abroad, and by starting early, you will be able to complete the core courses in the major before your junior year.

Neuroscience majors continue on to take Fundamentals of Neuroscience (NSC210), several 200-level Biology courses, and Statistics. Majors conduct a research project in the course Experimental Methods in Neuroscience (NSC 230, offered both semesters), preferably taken in their sophomore year. In the junior and senior years majors opt for a range of seminar and/or research opportunities in neuroscience and are positioned to select from upper level offerings in Cell & Molecular Neuroscience (BIO 310), Neurophysiology (BIO 300), Animal Behavior (BIO 362), Developmental Biology (BIO 302), Systems Neurobiology (NSC 318) and/or Neuroendocrinology (NSC 314). Through course-based research, all majors complete one year of neuroscience research, and many students elect to conduct further research outside of these courses.
Philosophy (PHI)

Philosophy is concerned with the meaning of human life and society; it inquires into the nature of human knowledge and science, of morality and law, of truth and being, of reason and emotion. Ways to be introduced to the study of philosophy at Smith include the following:

- PHI 100, THINKING ABOUT THINKING, offers a survey of some classic philosophical debates -- for example, free will v. determinism, relativism v. absolutism, arguments about the existence of God.
- PHI/REL 108, THE MEANING OF LIFE, explores a broad range of philosophical and religious reflections on one of the central questions regarding human existence.
- PHI 124, HISTORY OF ANCIENT AND MEDIEVAL WESTERN PHILOSOPHY, examines philosophical thought from the early Greeks to the close of the Middle Ages, with special attention to Plato and Aristotle.
- PHI 125, HISTORY OF EARLY MODERN EUROPEAN PHILOSOPHY, considers the thought of influential early modern philosophers such as Descartes and Kant.
- PHI 127, INDIAN PHILOSOPHY, introduces students to the six classical schools of Indian Philosophy.
- LOG 100, VALID AND INVALID REASONING, examines the relevance of formal logic to the evaluation of everyday arguments, employing examples from law, economics, political theory, literary criticism and commercials.
- LOG 101, PLAUSIBLE AND IMPLAUSIBLE REASONING, is geared especially to students uncomfortable with symbolic systems.

There is no placement exam for any of the courses mentioned above, nor do these courses have prerequisites. Not all introductory courses are offered every year, so be sure to consult the current catalog.
Physics (PHY)

Welcome! Physics teaches you how to take on and take delight in the unknown. You will develop new perspectives on nature, an ability to understand and resolve complex problems in a wide variety of contexts, and an ability to think critically and deeply in all your endeavors. Smith Physics alumnae are in high demand by employers, and are making valuable contributions in many settings: scientific and medical research, education, business, finance, and the arts.

There are two tracks within the physics major. The traditional major prepares students for graduate work in physics, astronomy, medical school, or related areas in chemistry or engineering. Students interested in teaching or outreach can pursue a physics major with an education focus. The education track requires less advanced coursework in physics and includes courses in education as well as practical teaching experience.

The basis of study in physics for either track is our two-semester introductory sequence: Introductory Physics I (PHY117) and Introductory Physics II (PHY118). The sequence meets all medical school and engineering requirements. The first course PHY117 Introductory Physics I covers Newtonian mechanics and conservation principles. The second course PHY118 Introductory Physics II covers fluids, waves, and electricity & magnetism. Physics I is offered in both the Fall and Spring semesters. Physics I requires one semester of college-level calculus (MTH111) or the equivalent as a prerequisite; Physics II is a prerequisite for Physics II. Unless you have an unusually strong preparation in physics, you should start with Physics I.

Both Intro Physics I and II courses are taught in our Coordinated Observation, Lecture and Lab (COOL) course format designed to help students make clearer, stronger, and more immediate connections between the theory they are learning and the world the theory describes. The experimental and theoretical aspects of physics once traditionally taught in separate 3 hour labs plus three lectures/week are now interwoven into each class. Group problem-solving sessions are also included, so that the first time you are trying out the work is when an instructor is there to help! Research shows this format leads to improved understanding and better retention on exams for all students, and is especially beneficial for any student who has ever found that she needs to “try things out” before she really understands them or has ever felt she understood the ideas but still felt lost when it came to do her homework or a lab.

Students planning on majoring in physics or astronomy are advised to complete a full year of introductory physics and calculus during their first year and a half, and to continue with PHY 215 (Modern Physics I) in the spring semester of their second year. Engineers are advised to begin Physics I no later than spring semester of their first year. Premeds are advised to take calculus in their first year if necessary and then take Physics I and II immediately after taking calculus.
Poetry Concentration (PYX)

If you love poetry as a reader or a writer, consider the Poetry Concentration. We invite you to delve deeply into poetry, whether your interests lie in reading, writing, translating, teaching, printing, or otherwise presenting poems. Through a combination of academic and practical work and independent projects, students gain a deeper understanding of the craft of writing, the business of publication and the dissemination of poetry to others.

The place to start is ENG 112, Reading Contemporary Poetry, offered Fall 2017 and Spring 2018. A required “gateway” course for the concentration, ENG 112 (2 credits, pass-fail) offers the exciting opportunity to read contemporary poetry and to meet the poets who write it. Students in ENG 112 attend the Poetry Center reading series and the Q&A sessions with visiting poets, and prepare by reading/discussing their poems in advance.

You may also want to sample ENG courses that focus on poetry, especially those designed for first years, such as ENG 120, Reading and Writing Short Poems.

The Poetry Concentration draws on the educational resources of the Poetry Center and the Mortimer Rare Book Room, which houses the Sylvia Plath Collection of manuscripts, journals and her library, as well on the unique expertise of poets and artists working at the college and in the larger Pioneer Valley.

Want to learn more about us? Visit our website http://www.smith.edu/poetry.

Ellen Doré Watson (ewatson@smith.edu, x3368), Director
**Psychology (PSY)**

Psychology is a broad field of scholarship that encompasses different approaches to enhance our understanding of human and animal functioning. If you have not taken a full-year high school psychology course (e.g., AP or IB Higher Level or equivalent) or a college-level course in introductory psychology and you are thinking of majoring in it, or if you wish to take only a single survey course, you should enroll in PSY 100, Introduction to Psychology, a survey of all of the major areas in contemporary psychology.

If you are a prospective major and have fulfilled the Introduction to Psychology requirement, you should take either PSY 201 Introduction to Statistics or PSY 202 Introduction to Research Methods, both of which are also part of the required basis of the major. We recommend that majors either take both courses the same semester, or take Introduction to Statistics before taking Introduction to Research Methods. PSY 100, PSY 201, and PSY 202 are all required for the major and should be taken early in your undergraduate career. They provide a foundation for advanced work.

If you are not planning to major in psychology, the department recommends that you enroll in any of our 100-level course offerings. They will introduce you to specific areas of study such as health and physiology, brain and cognition, culture and development, clinical and abnormal.

Because of the close connections between psychology and many other fields of study, majors in psychology are encouraged to take courses in other social and natural sciences that complement their special interests in psychology. These courses of study might include anthropology, the biological sciences, computer science, education and child study, mathematics, neuroscience, philosophy, public policy, sociology, and study of women and gender. If you have any questions about courses in the psychology department, please see any member of the psychology faculty.
**Public Policy (PPL)**

The program in public policy allows students to explore, from a multidisciplinary perspective, both the processes of making social choices and the content of contemporary policy issues. Most courses in the program serve as complements to departmental offerings. Likewise, the minor in public policy complements majors in both the social and natural sciences, expanding the scope of a student’s major.

The first course in the sequence is PPL 220 Public Policy Analysis or GOV 207 Politics of Public Policy. Contact any of the advisers in the program for more information.
Religion (REL)

Religion courses at Smith are critical, comparative and cross-cultural. They examine the nature and function of religious phenomena in the past and present. They provide opportunities to analyze systems of belief, patterns of religious behavior, the history of religious traditions, the social functions of religion and various forms of religious expression such as myth, ritual, sacred texts, liturgy and the arts, theology and philosophical reflection.

In the department’s view, students of any religious affiliation, or none, can benefit from a course of study in religion. Religion is implicated in virtually every aspect of human culture, and is never far from the front page of any newspaper. Therefore our faculty and students often work in interdisciplinary modes to study government, economics, gender, literature and other fields in their religious contexts. It is not unusual, though, for a student's interest in religious studies to be motivated by existential questions about human existence and the meaning of life. We believe there is no better way for a person to work out her own answers than by studying the distillations of insight found in the world’s religious traditions.

For the 2017–18 year, incoming students are encouraged to consider beginning their coursework in Religion with any of the following 100-level courses which are offered in Fall 2017: Introduction to World Religions (REL 105), The Meaning of Life (REL/PHI 108), Introduction to the Bible 1 (REL 112), and The Study of Buddhism (BUS 120), which is a two-credit gateway course for the Buddhist Studies minor offered in the first half of the semester. However, first year students with more specific interests in a subject area are also welcome to take any of the department’s 200-level courses that explore particular religious traditions or phenomena. None of these courses assume prior background in the study of religion. Each course is designed to be useful to students who want to sample the academic study of religion as well as to those who want to engage in more advanced studies.

Religion majors gain experience in several areas of the discipline: interpretation of texts; critical and systematic reflection; and historical study of religious and cultural phenomena of different traditions. Many religion majors benefit from opportunities for study abroad, and some pursue the study of foreign languages. Advanced religion students often engage in upper-level, independent research on subjects of their own choosing through Special Studies or Honors thesis work. Like all liberal arts majors, religion students learn to read, think and write critically. In addition, students of religion develop themselves as global citizens by learning about a crucial aspect of cultural experience and of world history and politics. Religion students are well prepared to pursue graduate or professional school, or careers in a wide variety of fields.
**Russian, East European, and Eurasian Studies (REEES)**

Courses in REEES prepare students for a wide range of careers, from academia to the private sector, where knowledge of Russian, Eastern European, and Eurasian languages and cultures is needed. Its vast region spans eleven time zones and stretches from the European Union to China and from the Arctic to Afghanistan. Many of the post-Soviet countries, from the Baltic Republics to Azerbaijan to Ukraine, remain vital for U.S. national security. This region has produced world-renowned writers, scientists, composers, artists and ballet masters. Our courses introduce students to the complexities of this part of the world.

Students are invited to focus their studies in one of two tracks—Russian Language and Literature or Area Studies. Both the major and the minor provide students with opportunities to explore the history, politics, and cultures of the vast area. In our courses students learn the critical skills involved in cultural literacy which are applicable well beyond boundaries of Russia, Eastern Europe, and Eurasia.

Students at Smith are fortunate to be a part of a Five-College partnership which matches any research university in terms of variety of faculty in the field of REEES. Students in the REEES Program also enjoy a wide variety of options for international experiences. Most our majors study abroad for a semester or year. Students also have the opportunity to study in St. Petersburg, Russia, during Interterm on a Smith College Global Flex Program. The information session for the Interterm course is usually held in mid-September.

Entering students usually begin or continue their study of Russian language, which serves as foundation for both the major and the minor. Those interested in beginning their study of Russian should enroll in RES 100y. Students with some background in the language should consult with Professor Evgeny Dengub concerning placement. In the first year, students are also encouraged to begin their exploration of relevant courses in the fields of literature, history, religion, or government, which will help them determine the track of study they wish to pursue. All these courses, with the exception of language and 300-level seminars, are open to all students and normally have no prerequisites. In fall 2017 the following courses are especially appropriate to entering students: FYS 154 (The World of Anna Karenina), FYS RES 126 (19th-Century Russian Literature: Madmen, Conmen and Government Clerks); JUD 110 (Yiddish Culture); RES 242 (The Russian Icon: Culture, Politics and the Sacred).
Sociology

Sociology is the discipline that seeks to understand the organization of human social life and the interaction of social groups—in all their diversity and variety. At Smith the sociology program offers the student the opportunity to understand her own social experiences and to explore the organization of social life in a range of contexts. The department offers a wide variety of courses, with particular attention to issues of inequality, social change and culture.

For most students, the first course in sociology is SOC 101 Introduction to Sociology; this one-semester course follows a discussion format, with about 30 students in each section. SOC 101 is a prerequisite for all 200- and 300-level courses. Students interested in the major or in taking upper-level courses should take SOC 101 during the first or second year. All sections of this course present the fundamental concepts of sociology, but each uses different sets of examples and cases.

Courses at the 200 level examine specific processes or domains of social life, often in a comparative perspective. Courses are offered on a range of topics, including race and ethnicity, social class, gender and sexuality, urban life, education, the environment, world population and migration, globalization, social movements, and culture. Majors must take three core courses: SOC 204 Quantitative Methods (basic statistics and survey research) SOC 203 Qualitative Research Methods (interviewing, participant observation) and SOC 250 Theories of Society.

All majors are required to take at least one seminar in the senior year and we invite them to undertake independent research in Special Studies classes (SOC 404a or b) in their junior or senior years or honors theses in their senior year (SOC 430 or 431). Many courses in other disciplines are closely related to sociology, and two courses in fields such as history, economics, government, psychology, philosophy or anthropology may be counted toward the major.

Suggested course for first-semester, first-year students: SOC 101.
South Asia Concentration (SAX)

The South Asia Concentration focuses on the interdisciplinary study of South Asia and its diaspora. This includes the countries of India, Pakistan, Bangladesh, Bhutan, Maldives, Nepal, and Sri Lanka, but also Jackson Heights in New York, Little India in Singapore, and many other South Asian micro-communities across the globe. Students are drawn to studying South Asia for many reasons. The region is the birthplace of Hinduism, Buddhism, Jainism, and Sikhism, and home to more than one-third of the world’s Muslim population. It has rich traditions of art, music, and dance, and is renowned for its fiction and film. It is a major contributor to global culture; it is an economic and intellectual powerhouse; and it occupies a unique position for understanding colonialism, post-colonialism, and current geopolitics.

But you can begin your studies without knowing anything about South Asia. An excellent place to start is Introduction to South Asia Studies (SAX 140). This one-credit course is designed to be a kind of “appetizer,” introducing students to the Smith and Five College faculty in the field and the wide variety of topics that the field contains. There have been lectures on art, architecture, and cinema; the politics of India, Pakistan, and Bangladesh; models of economic development; struggles between tradition and modernity in the realms of history, culture, and society; the languages and literatures of the South Asian diaspora; environmental sustainability and activism; distinctive styles of music; and other topics. SAX 140 students are expected to read the assigned materials each week, attend all the lectures, and participate in Moodle discussions, but there are no papers.

Beginning students can also enroll in The Meaning of Life (REL/PHI 108), Self and Society in South Asia (ANT 267), or Popular Music of the Islamic World (MUS 220). None of these courses assume a prior background in the study of South Asia. Each course is designed for students who want to sample the academic study of South Asia as well for those who want to engage in more advanced studies.

For more information, visit www.smith.edu/southasia.
**Spanish and Portuguese (SPN and POR)**

The department offers a major and minor in Spanish, as well as a major and minor in Portuguese-Brazilian studies. Engagement with other cultures has always been a strong component of a liberal arts education and is now a necessity in a contemporary multicultural and global world. Our bilingual department encourages multidisciplinary study and fosters connections between our two majors, giving students the opportunity to study the languages, cultures and literatures of Spain, Spanish America, Brazil, Portugal, Portuguese-speaking Africa and Latino communities in the United States.

Majors in Spanish are required to complete ten semester courses. Prospective majors should be aware of the early course requirements, which include two core courses from the SPN 250/251/260/261 sequence, SPN 225 Advanced Composition, and one semester of Portuguese, usually POR 125. In addition, Spanish majors will also complete two 300-level courses in their junior or senior years. Portuguese-Brazilian studies majors are required to complete eight semester courses, including the early course requirements of POR 100y or POR 125, POR 200 or 215, and POR 220 or 221. In their junior or senior years, Portuguese-Brazilian studies majors will also complete one 300-level course. All Spanish and Portuguese-Brazilian studies majors are strongly encouraged to consider an academic program abroad in a Spanish and/or Portuguese-speaking country during their junior year. Most programs to Spanish-speaking countries require four college-level semesters of language study or the equivalent. Programs to Portuguese-speaking countries may vary between requiring two to four semesters of college-level language study or the equivalent.

Prospective majors are encouraged to explore departmental offerings at the intermediate level, all of which count as electives toward the majors. Intermediate courses act as gateways to the vast regional and cultural diversity that the majors represent and cover such diverse themes as Jewish women’s writing, travel and migration, Spanish poetry, theatre and identity, Afro-Cuban literature, transnationalism in Latin American films, Blackness in Spain, Zapatismo and cultural resistance, cultures of Spain, and Cultural Crosscurrents in Today’s Portuguese–Speaking World.

Because students arrive at Smith with differing language experience and proficiency, there are several entry points to departmental course offerings for first-year students. Students with no previous Spanish or Portuguese language instruction should expect to enroll in SPN 112y Elementary Spanish, or POR 100y Elementary Portuguese.

All first-year students who have previously studied Spanish, or who are heritage speakers, will take a placement exam before enrolling in a departmental course and will typically enter at the introductory or intermediate language level (SPN 120-230). Students with some background in Portuguese who wish to continue their study of the language should consult the professors of Portuguese or the chair of the department regarding course placement. Students with knowledge of Spanish who wish to pursue Portuguese language study should take the Spanish placement exam to assess their preparedness for POR 125, Portuguese for Spanish Speakers.
**Statistical & Data Sciences (SDS)**

The Statistical & Data Sciences (SDS) Program links faculty and students from across the College interested in learning things from data. At Smith, students learn statistics by **doing** — class time emphasizes problem-solving and hands-on contact with data. Many courses employ student-driven projects that allow students to pursue their interest in fields such as economics, psychology, political science, sociology, engineering, biology, environmental science, neuroscience, and geology.

The Program is designed to produce highly-skilled, versatile statisticians and data scientists who possess powerful abilities for analyzing data. As such, SDS students learn not only how to build statistical models that generate predictions, but how to validate these models and interpret their parameters. Students learn to use their ingenuity to "wrangle" with complex data streams, and construct informative data visualizations.

For those who seek graduate training in statistics, we offer a rich set of courses in theoretical and applied statistics. These students will build a deep understanding of statistics upon a solid foundation in mathematics and probability theory. Alternatively, students seeking employment in industry, government, or domestic or international non-governmental organizations (NGOs), will find opened doors thanks to the breadth and creativity of their coursework in statistics and data science here at Smith.

Statisticians from the Five Colleges — Amherst, Hampshire, Mount Holyoke, Smith, and the University of Massachusetts — are in regular communication, and several course offerings are coordinated. Many students have found courses at other campuses that complement our offerings. Seminars, lectures, and research opportunities are also available through the Five Colleges.

Statistics and data science are best practiced in teams, and we encourage this collaboration in much of our coursework. More experienced students may become **Statistics TAs**, who offer direct support to introductory students five nights per week. Teamwork gets put into practice at the annual **Five College DataFest**, which takes place each spring at UMass.
Program for the Study of Women and Gender (SWG)

The goal of the Program for the Study of Women and Gender is to understand how gender operates as a powerful social system that organizes cultures, institutions, and interpersonal relationships. The program enables students to see how the meanings of gender change across cultures and over time and how the meanings of gender are always connected to relations of race, class and sexuality. Historically based in the study of women’s experiences worldwide, the field has expanded to include attention to masculinities, as well as to queer and transgender subjects.

A variety of paths through the rich interdisciplinary major include literary or artistic expression, public policy & social movements, women’s history, scientific inquiry, queer studies, or women, race and culture, with a range of courses focused on many countries and cultures. SWG alumnae have gone on to graduate work and pursued careers in law, medicine, social services, public policy, international development, social justice work, journalism, filmmaking, the performing arts, archival history, teaching and other fields.

Internships are a vital part of a feminist education and PRAXIS funding enables many majors to work in nonprofit and activist organizations. SWG offers a unique opportunity to junior majors: competitive paid research internships with our faculty members as Quigley Fellows. SWG students also participate in a variety of junior year abroad opportunities around the world, including programs in Asia, Africa, the Middle East, Oceania, the Americas, and the Caribbean.

SWG 150: Introduction to the Study of Women and Gender, which is a requirement for most other 4-credit courses with a SWG prefix, is offered only in the spring semester, so you should plan your schedule carefully to include it. In the fall, SWG 101: SWG Reads is a two-credit (S/U) introduction to critical race studies in the field of women and gender studies. In addition, there are several first-year seminars that count toward the major, such as FYS 129 Tierra y Vida: Land and the Ecological Imagination in U.S. Latino/a Literature, FYS 179 Rebellious Women, FYS 183 Images of Japanese Womanhood, and FYS 184 Educating Women: At Home and Abroad SWG 100: Issues in Queer Studies is a two-credit (S/U) introduction to queer studies offered in the spring. SWG-prefix courses and cross listed courses (listed in the catalog) count toward the SWG major. Please check our website (www.smith.edu/swg) for more information.
Theatre (THE)

The theatre department offers an array of courses and production opportunities. There are courses in acting, design, directing, playwriting, dramatic literature and theatre history.

We welcome all students into the introductory courses: THE 141 Acting I; THE 142 Voice for Actors; and THE 199 Theatre History and Culture: Eighteenth Century to the Present. Suggested courses for first‐semester, first‐year students: THE 141, 142, 200, any 200‐level dramatic literature or design course.

All 200‐level courses in design, literature and history are open to first‐year students, unless an enrollment limit has been reached, while 200‐level performance courses often require 141 Acting I as a prerequisite. Courses at the 200‐level include acting (Acting Comedy; Shakespeare; Acting for the Camera); playwriting; lighting, set and costume design; dramatic literature (American Theatre; Magic If; topics in world literature).

Students participate in all levels of production, from stage crew to directing. These positions are open to all, majors and nonmajors, as are lectures, films, demonstrations, special seminars, field trips and workshops sponsored by the department.

If you are particularly interested in production work, consider THE 200, a one‐credit course based on the preparation and performance of departmental productions.
Translation Studies Concentration (TSX)

In our interconnected, networked, interdependent, and interlingual world, translation is everywhere, whether we are aware of it or not. Translation works to cross borders and weave connections between languages, cultures, nations, generations, and people. Translation plays a crucial role in communicating solutions in diplomatic agreements and international crises, in relaying information in environmental and health crises, in transmitting the poetry and culture of one language into another, in uncovering similarities otherwise hidden, in drawing attention to differences, bridging them, and creating bonds.

A concentration in translation studies offers an opportunity to delve more deeply into the study of a language and culture. You may pursue this concentration to refine your knowledge of a foreign language through translation; or you may use this concentration to create a bridge between a major in a foreign language and culture, and a major in a different discipline. N.B., concentrators are not acquiring certification as a “simultaneous translator.” That skill may, indeed, be cultivated, but it is not implied by the concentration.

As a concentrator you may be drawn to the literary side of translation, or you may seek to link your practice of a foreign language to your knowledge in the social sciences or sciences. The latter might include translating governmental or legal documents, working with immigrant or refugee communities who need the help of a translator or interpreter, or translating scientific papers.

The requirements for the concentration are deliberately flexible to allow you to pursue the translation practice that most suits your interests or needs—from literary to technical translation to the ethical complexities that arise in interpretation. In addition to coursework, the concentration includes two practical experiences such as an internship and study abroad experience. Most Translation Studies Concentrators study abroad at least one semester, in the language or culture of the language from which they intend to translate. If you are an international students interested in the Concentration you can count the study at Smith as your study abroad experience, though you may also study abroad elsewhere.

If you are interested in exploring the Concentration in Translation Studies, you may begin with any of the following courses:

- Gateway Course CLT 150: The Art of Translation (2 credits, S/U, offered every spring semester);
- Any course in the language/literature/culture of the foreign language you will translate from or into;
- Any course with a focus on translation theory or practice; any course on linguistics or the history of language

You are encouraged to apply for participation in the concentration in the fall of your sophomore year, though you may apply as early as your first year. For more information about the Translation Studies Concentration, please visit http://www.smith.edu/translation/index.php or contact Janie Vanpée, Concentrator Director.