

The Liberal Arts

An education in the liberal arts at Lewis & Clark serves both as an opportunity to explore classical and enduring ideas and as a touchstone for fresh inquiry. Students are encouraged to examine the heritage of Western civilization in the context of wider comparative and critical perspectives. They wrestle with difficult questions and their changing solutions, and by working intensively with the faculty they develop their abilities as thoughtful readers, effective writers, and articulate participants in intellectual discourse.

A liberal arts education at Lewis & Clark combines three interdependent curricular elements: the departmental major, a set of elective courses, and the General Education curriculum. In accordance with the principles of the liberal arts, the curriculum is structured so that roughly one-third of the credits are in the major, one-third are in electives, and one-third are in General Education. The major provides an opportunity to study a subject in depth and to master the modes of thought and analysis necessary to advance that study. Electives enable the student to try out and develop new interests. The General Education curriculum supports and enhances the other elements; it provides the general foundations for liberal learning. Its courses expand students' perspectives and essential skills, helping them become educated and thoughtful contributors to society.

Lewis & Clark considers the following elements to be essential to a liberal arts education:

- 1) Mastery of the fundamental techniques of intellectual inquiry: effective writing and speaking, active reading, and critical and imaginative thinking.
- 2) Exposure to the major assumptions, knowledge, and approaches in the fine arts, humanities, natural sciences, and social sciences.
- 3) Critical understanding of important contemporary and historical issues using modes of thought that are evaluative as well as descriptive and analytic, and that consider the relationship between thought and action.
- 4) Awareness of international and cross-cultural issues and gender relations.
- 5) Application of theory and knowledge developed in the liberal arts to the search for informed, thoughtful, and responsible solutions to important human problems.

The curriculum is built around these essentials, and the members of the faculty and the administration place their skills, resources, and services in support of these goals.

Program of Study

The Lewis & Clark curriculum is planned on a model in which students normally take four 4-credit courses each semester. The academic year consists of two 15-week semesters. The standard course at the College is assigned 4 credits, and meets in class for three or more hours each week. Students should expect to spend an average of

two hours outside of class preparing for each hour in class. The average student course load is 16 credits per semester.

The well-educated student knows how to write and speak clearly and effectively. Lewis & Clark's entire faculty shares the responsibility for instruction in these skills. Students therefore encounter significant writing requirements in a range of courses across the entire curriculum and, where appropriate, are encouraged to present their ideas orally in the classroom and in other public forums (such as senior thesis presentations to faculty and students).

Graduation Requirements⁴

Undergraduate work at Lewis & Clark College leads to the Bachelor of Arts degree. The basic requirements for the degree are as follows:

- 1) Satisfactory completion of a minimum of 128 semester credits. A maximum of 60 semester credits in one academic department may be included in the 128 credits required for graduation.
- 2) Academic residency, defined as 60 semester credits taken at Lewis & Clark College, including at least 28 of the final 32 semester credits.
- 3) A cumulative grade point average of 2.000 or higher.
- 4) Satisfactory completion of the General Education requirements. (See details in following sections.)
- 5) Satisfactory completion of a major program approved by the chair of the appropriate department or by the chair of the Honors and Student-Designed Majors Committee. Students are required to complete at least 20 semester credits of coursework offered by the major department at Lewis & Clark.
- 6) A cumulative grade point average of 2.000 or higher in all majors and minors.

General Education Requirements

Lewis & Clark's General Education requirements consist of the core course *Inventing America*, described below, and other courses in the areas of International Studies, Scientific and Quantitative Reasoning, Creative Arts, Foreign Languages, and Physical Education/Activity. In addition, content-area courses require students to demonstrate skills involving writing/rhetoric, bibliographic knowledge, and information/electronic competency.

In the spirit of the broad intellectual experience needed for a liberal education, a single course may not be used to satisfy two General Education requirements. To fulfill General Education requirements, courses other than Physical Education/Activity courses must be taken for a letter grade. (See Grading System in this catalog.)

INVENTING AMERICA (8 semester credits)

Inventing America, a first-year requirement for all first-year students, seeks to understand the present through exploration of the ideas,

⁴ Graduation requirements in this catalog apply to students entering Lewis & Clark in September 2003 or later. Other students are subject to the requirements in effect when they entered and should refer to the appropriate catalog.

values, and competing interests behind the founding of the American republic and the framing of its Constitution. The course explores the continuing evolution of the idea and practice of the American democratic experiment by following the struggles of persons and groups to achieve citizenship and cultural presence in the nation.

This two-semester, substantially common-syllabus course is grounded in the belief that the making and evolution of American society are both familiar and unfamiliar to first-year students. To study other cultures and societies, students need a grasp of their own. The course gives students a yearlong, substantially common experience—shared readings, writing assignments, library and computer exercises, lectures, and films. Above all, the course engages the entire first-year class in an intellectual, cultural, and social experience with variations respectful of the diversity of American life.

Credits for this course may not be applied toward the fulfillment of any other requirement. Students normally may not withdraw from this course.

Inventing America is complemented by a requirement to take two courses of international study, either overseas or on campus. Students fulfilling the International Studies requirement on campus may select from a list of courses in the arts and humanities and social sciences. This complementary four-course requirement reflects the view that a modern liberal arts education should provide students, as informed citizens, with the opportunity to effectively engage the traditions, values, and developments in their own country and of other cultures, and to explore the interactions between the two.

(See course descriptions under Core in the Programs of Study section of this catalog.)

CORE REQUIREMENT FOR TRANSFER STUDENTS

Students who transfer to Lewis & Clark in the fall with fewer than 16 semester credits must take *Inventing America* (Core 110 and 111) in the year they enter the College. Students transferring in the fall with 16 to 28 semester credits are required to take either Core 110 during their first semester or Core 111 the following spring. They are invited, but not required, to take both semesters (Core 110 and 111), but in either case the *Inventing America* requirement must be taken in the first year at the College. If they elect to take only Core 111, they must take a course from a list of approved substitutes for Core 110 or present transfer credit for a course equivalent to Core 110.

Students who transfer to Lewis & Clark in January with fewer than 16 semester credits must take *Inventing America* (Core 111) in the spring semester and Core 110 the following fall semester. Students who enter in January with 16 to 28 credits may meet the requirement by taking either Core 111 or a substitute course (list available from the Office of the Registrar) in the spring semester and Core 110 the following fall semester; or by taking either Core 111 upon entering in the spring and Core 110 or a substitute course the following fall semester. Students who enter in January and agree to take Core 110 and 111 may begin this sequence in the fall of the year they enter.

Students who transfer to Lewis & Clark with more than 28 credits must satisfy the Core 110-111 requirement by taking two courses—one from the list of approved substitutes for Core 110 and one from the list of approved substitutes for Core 111—or present transfer credit for courses equivalent to Core 110 and 111.

Substitutes for *Inventing America* may not be used to fulfill any other requirement. College credit earned in high school may not be applied toward Core 110 or Core 111.

RHETORIC IN THE FIRST-YEAR COURSE

The first-year course provides students with a sustained opportunity to develop and hone their skills in reading, writing, and speaking. Over the two-semester course, students engage a diverse array of textual materials that call upon their critical skills as readers. They advance their strength and confidence as writers of college-level work through regular practice, constructive feedback from faculty and peers, and opportunities to revise and polish their work. One of the goals of *Inventing America* is to help first-year students improve as speakers in command of rhetorical choices and strategies. This purpose refers to the ability to speak persuasively and present ideas with some formality in front of a group as well as informally in class discussion. Class sessions are structured to foster thoughtful and articulate discussion of key texts and central ideas of the course.

In addition to regular feedback on writing assignments, faculty provide assessments of student writing four times during the year (at the middle and end of each semester). Faculty will provide as much assistance as possible in helping students develop their writing. The Writing Center, which offers various workshops and one-on-one conferences on writing, is an excellent resource for all students.

INTERNATIONAL STUDIES (8 semester credits)

To become educated citizens of an interdependent world, all Lewis & Clark students are expected to engage in a significant manner with a region of the world other than the United States through study of historical experiences, cultural traditions, social and economic realities, and transnational issues.

Students may meet this requirement in one of three ways:

- 1) Completion of International Studies 240 and 241 on a Lewis & Clark overseas study program (8 semester credits).
- 2) Completion of a total of 8 semester credits from a Lewis & Clark overseas study program in coursework, not specified as International Studies 240 and 241, but dealing with the unique history and culture of the host country. If necessary, the registrar consults relevant departments to determine whether a particular course is applicable.
- 3) Credits in language instruction do not apply.
- 4) Completion of two courses (8 semester credits) on campus from courses listed below.

Art 152, 153, 254, 352, 356
 Chinese 230, 290, 410
 Communication 340, 430

East Asian Studies 100
 Economics 232, 280, 295, 314
 English 319
 French 230, 330, 340, 410, 450
 Gender Studies 231
 German Studies 230, 410, 411 (Munich only), 450
 Greek 298
 History 110, 111, 112, 120, 121, 141, 142, 209, 210, 211, 213, 214, 215, 217, 218, 221, 222, 225, 226, 228, 242, 310, 311, 315, 316, 320, 323, 327, 328, 345, 347, 348, 398
 International Affairs: All courses
 Japanese 230, 290, 410
 Music 105, 276, 305, 306, 318
 Philosophy 201, 301
 Political Science 102, 250, 315, 317, 320, 325, 349⁵
 Religious Studies 241, 242, 243, 251, 354, 450, 452
 Russian 100, 230, 290
 Sociology/Anthropology 225, 266, 271, 272, 273, 275, 281, 285, 291, 330, 350, 377
 Spanish 230, 380, 390, 410, 440, 450
 Theatre 251 (London)

SCIENTIFIC AND QUANTITATIVE REASONING (12 semester credits)

Just as liberally educated people have knowledge and appreciation of the humanities, creative arts, and social sciences, and have the ability to communicate clearly and effectively, they also have knowledge and appreciation of science and know how to reason scientifically and quantitatively. Therefore a liberal education must include the study of mathematics and the natural sciences and an understanding of their methods of inquiry. Such understanding includes familiarity with the observational procedures employed by all of the sciences: as in laboratory and field work; the theories and methods that constitute the tools and subject matter of scientific research; and the quantitative, qualitative, philosophical, social, and aesthetic dimensions of work in the natural and social sciences.

All graduates from Lewis & Clark College are expected to gain experience in quantitative reasoning, ranging from making rough quantitative estimates to solving word problems using algebra and logic, understanding graphically presented information, and using modern electronic devices such as calculators and computers.

To foster this understanding and experience, students at Lewis & Clark College must complete at least two courses in natural science study and an additional course in quantitative reasoning.

The Scientific and Quantitative Reasoning requirement can be fulfilled by taking at least one course that includes a laboratory component (selected from the Category A course list) and two courses that include a significant amount of mathematical and quantitative

⁵ A 2-semester-credit course must be combined with another course for a minimum of 4 semester credits.

reasoning (at least one selected from Category B and the other selected from the Category B or C course lists). Courses fulfilling the requirement are listed below.

Category A: Science Laboratory

(All students must take one course.)

Biology: 100, 115, 141, 151, and all courses at the 200 level that include laboratory

Chemistry: 100, 105, 110, 115, 120, 135, 210, 220

Geology: 150, 280

Physics: 107, 141, 142, 151, 152, 201

Category B: Mathematical and Quantitative Reasoning: Sciences⁶

(All students must take one course, and may take two courses.)

Chemistry: 100, 110, 115, 120, 135

Environmental Studies: 210

Mathematical Sciences: all mathematics and computer science courses in the department except Mathematics 055

Physics: 105, 107, 110, 141, 142, 151, 152, 202, 205, 251, 252

Category C: Quantitative Reasoning: Humanities and Social Sciences

(Students may take one course.)

Communication: 260

Economics: 100, 103, 212

Philosophy: 101

Political Science: 201, 252

Psychology: 200, 300, 311

Sociology/Anthropology: 201

So that mathematical and natural science students acquire a breadth of understanding of the sciences as a whole, they are expected to take the Category A and B requirements from disciplines outside their major department. Also, students are encouraged to take a third course in Category C to broaden their horizons.

CREATIVE ARTS (4 semester credits)

The distinctive element of the creative arts lies in the creative process itself, the mobilization of often nonverbal, intuitive, and emotional resources in providing new understandings about and insights into human existence. The practice and study of the creative arts can increase students' appreciation of the artistry of others, and stimulate and enhance learning of all kinds. Students at Lewis & Clark College should therefore acquire, as part of their general education, an appreciation for and understanding of this unique way of knowing and experiencing the world.

⁶ To register for Category B and many Category A and C courses, the student must meet one of the following criteria: **a)** passing a math proficiency examination administered during New Student Orientation or during the school year; **b)** receiving a SAT I math score of 630 or higher; **c)** receiving an ACT math score of 30 or higher; **d)** completing a high school calculus course with a grade of B or better; **e)** receiving a score of 4 or 5 on an AP exam in Calculus AB or BC, Computer Science, or Statistics; **f)** successfully completing Mathematics 055. Some courses in all categories have additional prerequisites (see course descriptions).

Students may fulfill the Creative Arts requirement either by engaging in the creative process itself through courses in studio art such as ceramics, design, pottery, or drawing; or in artistic performance (music, dance, theatre, creative writing); or by the historical and theoretical study of artistic production, including, where possible, a studio component. In recognition of the importance of arts in our culture, students are encouraged to explore a broad range of courses in the arts. Students majoring in the creative arts must satisfy this requirement outside their majors. Courses fulfilling the Creative Arts requirement are listed below.

Art: All courses

English 108, 300, 301

Music: All courses

Philosophy 203

Theatre 106⁷, 107⁷, 108⁷, 113, 207⁷, 208⁷, 209, 213, 214, 215, 224, 226, 250, 251, 252⁷, 275, 281, 282, 283, 308, 313, 350, 351, 352, 353, 381, 382

FOREIGN LANGUAGES (three-semester requirement)

The acquisition of a language other than one's own has always been a hallmark of a liberal education. In today's increasingly interdependent world this is all the more true. Only by learning the language of another people is one able to adequately understand the subtleties and nuances of its culture, for language is the gateway to all cultures.

At Lewis & Clark College in particular, studying a second language has a place of central importance—both because of the College's historical commitment to international studies and because providing all students with an encounter with another culture has become a defining feature of the undergraduate program of studies. Not only does language study open up our appreciation for and sensitivity to other parts of the world, it also better enables us to understand and appreciate our own native language. For these reasons, Lewis & Clark College requires of its students the serious study of at least one language other than English.

The College has a three-semester Foreign Languages requirement for all students. This requirement may be satisfied in one of the following ways:

- 1) Completion of a foreign language through the 201 level, *or*
- 2) Completion of an approved language-based overseas program (the list of approved programs is available from the Office of Overseas and Off-Campus Programs), *or*
- 3) Placement into 202 or above on the foreign language placement examination, *or*
- 4) A score of 4 or 5 on an Advanced Placement Language or Literature Examination; or a score of 5, 6, or 7 on an International Baccalaureate Higher Level Language Examination.

⁷ The requirement may be met by taking one beginning and one advanced technique course in the same area such as ballet or contemporary dance forms, or by taking one technique course and Theatre 355. Four semester credits are required to fulfill the Creative Arts requirement.

International students whose first language is not English are exempt from the Foreign Languages requirement.

PHYSICAL EDUCATION/ACTIVITY (two semester courses)

Physical education is one facet of a total educational program that stresses the interrelationship and interdependence among the physical, mental, and social dimensions of human experience. Therefore, students are required to take a minimum of two semester courses during their degree program that engage them in physical exercise. In these courses, students are encouraged to recognize the importance of physical activity as a lifelong pursuit.

Courses offered in Physical Education and Athletics that may be counted toward this requirement are numbered 101, 102, and 142. Theatre dance courses that may be counted toward this requirement are: 106, 107, 108, 207, 208, 252, 308, 350. Theatre courses counting toward this requirement may be taken credit–no credit. Music Performance 150 may be counted toward this requirement.

Students may register for no more than one 101 course per semester. The maximum credit in Physical Education and Athletics 101, 102, and 142 courses that may be applied toward the 128 credits required for graduation is 4 semester credits. Up to eight 1-credit courses may be recorded on the transcript (within the regulations outlined above), but only 4 credits will count toward graduation.

LIBRARY USE, BIBLIOGRAPHIC INSTRUCTION, AND INFORMATION/ELECTRONIC COMPETENCY

Information literacy means having the ability to locate, acquire, analyze, synthesize, and structure information. This includes the ability to understand the variety of contents and formats of information; to understand systems for organizing information; to retrieve information; and to evaluate, organize, and manipulate information. As students complete content courses in all academic departments, they also learn to locate and apply information available in libraries, in electronic databases, and on the Internet. Students also work with a variety of computer software appropriate to their academic fields and interests.

Policies and Procedures

Academic Integrity Policy

PRINCIPLES OF CONDUCT

The community of scholars at Lewis & Clark College is dedicated to personal and academic excellence. Joining this community obligates each member to observe the principles of mutual respect, academic integrity, civil discourse, and responsible decision making.

ACADEMIC INTEGRITY

Academic integrity finds its genesis in the fundamental values of honesty, tolerance, respect, rigor, fairness, and the pursuit of truth. Scholarship is at the heart of this academic community, and trust between faculty and students is essential to the achievement of quality

499 INDEPENDENT STUDY

Staff

Content: Advanced-level independent reading and/or research in an area other than the normal course offerings of the department.

Prerequisite: Junior standing, consent of instructor.

Taught: Each semester, 1-4 semester credits. Maximum of 4 semester credits, total, in independent study and/or practicum may be counted toward the major.

Computer Science

A curriculum in computer science, leading to the major in computer science & mathematics and the minor in computer science, is administered by the Department of Mathematical Sciences. Interested students should consult this catalog under Mathematical Sciences. Students interested in the College's 3-2 cooperative program in computer science should consult this catalog under Engineering.

Core

DIRECTOR OF THE FIRST-YEAR COURSE: BENJAMIN W. WESTERVELT

Inventing America fulfills the first half of a four-semester General Education requirement focusing on human history, society, and values across diverse regions of the world. This two-semester course explores the different meanings and instantiations of American ideals and first principles. Primary sources, class discussions, and occasional lectures are used to investigate tensions between freedom and equality; the benefits and limitations of democracy; the dynamics of inclusion and exclusion by race, class, gender, and ethnicity; and the problems of integration and cultural identity. One goal of Inventing America is to provide students with a foundation for the informed and complex perspective they need in order to engage in the conversation of citizenship and to understand, describe, and analyze the forces that shape our world. In addition, this course offers students numerous opportunities to develop and hone their skills in critical thinking, reading and writing, conducting independent research, and effective speaking and listening.

110 INVENTING AMERICA I

Staff

Content: Exploration of the foundational ideas of citizenship, including the contrasting European philosophical traditions that were antecedents to America's initial compact. Examination of conflict, compromise, and consensus in the Declaration of Independence and the Constitution. Emphasis on the diverse cultural, artistic, and political expressions of those excluded from, as well as included in, the initial compact of citizenship in the emerging republic.

Prerequisite: None.

Taught: Annually, 4 semester credits.

111 INVENTING AMERICA II

Staff

Content: Continued exploration of the ideas and practices of the American experiment. Examination of the tensions between equality and freedom, justice and authority, individualism and community, and conflict and consensus in America. Consideration of whether and how the Constitution has been responsive to fluidity and change in the emerging democracy, with particular

it—possible for the United States to be simultaneously one and many, to have a common identity by virtue of the society's actual diversity? Themes and topics vary somewhat by section.

Prerequisite: None.

Taught: Annually, 4 semester credits.

East Asian Studies

CHAIR: ALAN COLE

East Asian Studies is an interdisciplinary curriculum in which students concentrate on the study of the region of East Asia, principally China and Japan.

THE MAJOR PROGRAM

Students considering a major in East Asian studies should begin by completing East Asia Studies 100 and one semester of Chinese or Japanese language study. Students should declare the major by the end of the sophomore year, at which time they must also choose their primary area of concentration.

The major requires five semesters of Chinese or Japanese language, or the equivalent; three years of language, or the equivalent, are strongly recommended. The major also requires a minimum of one semester on an approved overseas study program in East Asia. Students should work with their adviser to ensure that their concentration and overseas study program build a strong foundation for the senior thesis.

The minor in East Asian studies enables students to combine a major in the arts, humanities, social sciences, or sciences with a focus on East Asian studies.

The East Asian studies curriculum is organized into the following core courses, concentrations, and South/Southeast Asia courses. See appropriate department listings for course descriptions and prerequisites.

Core Courses

East Asian Studies

- 100 Introduction to East Asian Studies
- 400 Senior Thesis in East Asian Studies

Chinese

- 310 Readings and Composition in Chinese

Japanese

- 310 Readings and Composition in Japanese

Concentration in Fine Arts, Literature, and Languages

Art

- 152 History of Asian Art (China)
- 153 History of Asian Art (Japan)
- 250 The Meeting of Eastern and Western Art
- 254 History of Buddhist Art
- 352 Cities and the Arts in China
- 356 Art of the Print in Early Modern East Asia
- 451 Special Studies in Asian Art

Chinese

- 230 Introduction to Chinese Literature in Translation
- 290 Topics in Chinese Literature in Translation
- 410 Advanced Readings in Chinese: Society and Culture

East Asian Studies

- 156 The Art of Tea in Japanese Culture I
- 256 The Art of Tea in Japanese Culture II