

## An Introduction to the Curriculum: The Core

An education in the liberal arts and sciences at Lewis & Clark is composed of three interdependent curricular elements: the Core Program, the departmental major, and electives. The component that usually receives the most attention from students, parents, and faculty is the major. It provides a rich opportunity for studying a subject in depth and gaining mastery over the modes of analysis necessary to advance that study. Next are electives—those courses taken to follow one's own curiosity and develop new tastes and interests. This is also the goal of study in the core, but here the emphasis is different.

The core stresses the need for asking what is, could, or should be held in common. It engages students and faculty alike in integrating and linking the different components of the liberal arts and sciences curriculum. The Core Program familiarizes students with the elements of writing, inquiry, and critical thinking that will be instruments for their liberal education throughout four years at Lewis & Clark.

Thus, the Core Program introduces students to the varying approaches and materials of the college's curriculum. It includes courses that probe in depth the methods, practices, and content of specific fields in the natural sciences, humanities, social sciences, and fine arts. Other courses integrate and compare modes of research and analysis across disciplinary boundaries to indicate how differing ways of formulating questions and solving problems may illuminate and complement one another.

The Core Program provides the general foundation on which Lewis & Clark builds its liberal education. The program consists of coursework that the college identifies as valuable for *all* students as educated and thoughtful members of this society.

Lewis & Clark considers these elements to be essential to a liberal education:

1. Intensive involvement in fundamental techniques of intellectual inquiry: effective writing, active reading, critical thinking, and reasoned discussion.
2. Familiarity with the major assumptions, knowledge, and approaches in the natural sciences, humanities, social sciences, and fine arts—including experience with and appreciation for the ways problems are defined, uncertainties investigated, and new knowledge and forms of aesthetic representation are explored.
3. Focused consideration of crucial human issues using modes of thought that describe, explain, evaluate, and weigh the merits of traditional disciplinary approaches.
4. Awareness of international and cross-cultural issues, gender relations, and the role of science in society.
5. Encouragement to apply a liberal education toward solving important human problems in informed and thoughtful ways.

The core focuses and integrates these goals for a liberally educated person. They are also represented in the spectrum of departmental offerings—majors and minors—and interdisciplinary programs that make up the curriculum as a whole.

### Core Program

**Directors: Susan Kirschner and Steven Seavey**

The Core Program consists of two types of courses. *Inquiry* courses emphasize the development of language and writing as the means of active and thoughtful questioning in communities of inquiry. All inquiry courses emphasize writing. *Perspectives* courses introduce fundamental knowledge in the fields of humanities, natural sciences, social sciences, and fine arts.

#### Basic Inquiry

Taken fall term of the freshman year, Basic Inquiry engages the entire incoming class in writing, thinking, discussing—inquiring together, using a common syllabus of issues and texts drawn from natural sciences, social sciences, humanities,

and fine arts. Emphasis is given to the teaching of the art of inquiry, that is, of asking questions, opening oneself and a new topic to understanding, generating and shaping ideas through writing, reading, and talking together with peers and faculty.

Through the use of Apple Macintosh microcomputers as writing and learning tools, Basic Inquiry introduces freshmen to word processing as an integral part of the course. The faculty, each leading a group of 18-20 students, are drawn from disciplines throughout the curriculum. Focusing issues that might, from selected points of view, engage an artist, a humanist, a social scientist, or a natural scientist, the class includes materials and approaches that call for more detailed study in later divisional perspectives courses.

#### Critical Inquiry

Courses meeting this requirement are critical in two senses of the word. First, they deal with issues whose effective resolutions are crucial for the human community, including cross-cultural and international understanding, gender relations, and the relation of science and society. Second, they combine procedures for critical analysis—describing, defining, and explaining—with approaches that evaluate and weigh the merits of traditional disciplinary methods for considering these issues.

A full listing of courses that fulfill the Critical Inquiry requirement is available in the annual *Registration Announcements* booklet. Examples, for which course descriptions are given in the departmental text of this catalog, are: Communications 330, 340. English 243, 255. Gender Studies 200, 300. History 240, 380. Music 203. Philosophy 202. Religious Studies 298 (Introduction to Contemporary Spirituality), 352. Sociology/Anthropology 320. Teacher Education 306. Theatre 390.

#### Advanced Inquiry

Students usually take this interdisciplinary course during the late junior or senior year, when they are well along in their majors; hence the mix of students in a class brings a spectrum of perspectives and

methodologies to bear on the course topic. These courses may address a local, national, or world problem. They often also treat an issue or set of issues that arise at the boundaries of two disciplines or fields. The course calls on students not only to recognize different perspectives on a problem, but also to develop and articulate to others their own informed and thoughtful answers to the problem.

A full listing of courses that fulfill the Advanced Inquiry requirement is published in the annual *Registration Announcements* booklet. Examples, for which course descriptions are given in the departmental text of this catalog, are: Art 308. Business and Administrative Studies 497. Communications 354, 380. Core 497. French 414. Mathematics 495. Philosophy 410, 411, 421, 425. Political Science 350, 498 (Revolution and Political Violence). Psychology 430. Religious Studies 449. Russian 497. Sociology/Anthropology 350, 370. Spanish 436.

**Perspectives on Humanities**

These courses introduce students to the differing approaches of the humanities disciplines to texts—philosophical essays, sermons and theological treatises, literary works and historical documents, and in some instances, paintings and musical scores—that represent the expressions by men and women of what it has meant to be human at various times in diverse human communities. The courses work with materials that invite a comparison of modes of analysis that might engage a philosopher, a historian, a literary critic, or a historian of art, music, or religion.

The full list of Humanities Perspectives courses is published each year in the *Registration Announcements* booklet. Examples, for which course descriptions are given in the departmental text of this catalog, are:

Art 101, 111, 121. English 102, 103. English/Religious Studies 298 (The Sacred and the Political in American Life). History 130. Philosophy 103, 201. Religious Studies 244, 242.

**Perspectives on Natural Sciences**

These courses introduce students to the methods by which scientists

seek to extend our understanding of the five major areas of scientific investigation—the nature of matter, life, energy, motion, and the cosmos. They reflect the particular means by which chemists, physicists, biologists, or astronomers undertake the resolution of the questions that engage them. Overall, the student becomes familiar with the nature of scientific knowledge, its assumptions, and its limitations.

The full list of Natural Science Perspectives offerings for each year is published in the *Registration Announcements* booklet. Examples, for which course descriptions are given under departmental listings in this catalog, are: Biology 111. Chemistry 127, 140, 298 (Forensic Chemistry). Physics 110, 121, 122, 204, 208.

**Perspectives on Social Sciences**

These courses acquaint students with the assumptions and practice of a particular social science discipline and frame social scientific inquiry in the broader context of human society and thought.

Two categories of courses meet this requirement. The first introduces students to the assumptions, present knowledge, and approaches of a particular social science discipline. The second frames the social sciences historically, conceptually, and methodologically as a distinctive mode of inquiry.

A full listing of Social Science Perspectives courses for the year is published in the *Registration Announcements* booklet. Examples, for which course descriptions are given in the departmental text of this catalog, are: Communications 101, 260. Economics 100. International Affairs 100, 297. Political Science 101, 102. Psychology 101, 136. Sociology/Anthropology 100, 110, 200, 300.

**Perspectives on Fine Arts**

The course experience in the fine arts acquaints students with the practice of a fine art and the approaches to studying an art as artist, audience, or critic. Courses offered to fulfill the perspectives requirement are of two types. Studio courses offer practice in the performing or visual arts. The second type focuses on methods for the

study and appreciation of texts and performances in music and theatre and of visual artifacts rendered by painters, sculptors, and architects.

A full listing of courses that may fulfill the Fine Arts Perspectives requirement is published in the annual *Registration Announcements* booklet. Examples, for which course descriptions are given in the departmental text of this catalog, are: Art 101, 111, 114, 121, 215. Music 117, 131-136, 165-194. Theatre 110, 113, 120, 123, 130.

**Core Program Requirements**

Ten core courses taken as a part of all degree programs:

**1.** Three in the inquiry sequence, 15 quarter hours: Basic Inquiry 111, taken fall term of the freshman year. Critical Inquiry, during the sophomore or junior year. Advanced Inquiry, during the late junior or senior year.

**2.** Seven in divisional perspectives:

**a.** Two Perspectives on Humanities, 10 quarter hours.

**b.** Two Perspectives on Natural Sciences, 10 quarter hours.

**c.** Two Perspectives on Social Sciences, 10 quarter hours.

**d.** One Perspectives on Fine Arts, 5 quarter hours.

**Note:** The following examples of core courses are not described under individual departments. Credit for Core 195, 196, 197 may apply, as indicated below, to the Humanities, Fine Arts, and Social Science Perspectives. Courses numbered 497 fulfill the Advanced Inquiry requirement.

**195, 196, 197  
INTELLECTUAL FOUNDATIONS OF  
WESTERN CIVILIZATION**

Curtis Johnson

Staff

*Content, fall:* Greece and Rome. The centerpiece of this term is Greek civilization of the fifth to fourth centuries, B.C. The course scrutinizes a few of the period's master works: a sample of Greek drama (Sophocles, Euripides, or Aeschylus); some Greek poetry (e.g., Sappho, Aristophanes, Pindar); and an introduction to Greek thought and philosophy (the pre-Socratics, Plato). Set within the larger context of classical antiquity, this study of the golden age of Greek culture includes prior and subsequent

Greek and Roman works. One or two non-Western works provide comparative perspective.

*Content, winter:* The Age of Revolutions. Focus of this term is on texts and ideas that, while sometimes glancing backwards to the Greeks and Romans, have been central to formulating and defining the contours of modern, liberal society. Selected from the disciplines of political theory, literature, philosophy, music, and art, texts might include Hobbes, Locke, Hume, Jefferson, Mozart, Beethoven, Burke, Paine, Wollstonecraft, and Austen.

*Content, spring:* Eighteenth to early twentieth century thought and culture. Selected texts and other works illustrate continuities with earlier thought and culture, as well as the distinctively novel contributions made in the modern and contemporary eras. Works studied this term may include writings by Rousseau, Nietzsche, Marx, Freud, Mao Tze-Tung, Virginia Woolf, Gustav Flaubert, Dostoevsky, T.S. Eliot, and others. Art works, architectural models, and musical composition are also incorporated. Additional emphasis is on the emergence of the social sciences as a new set of disciplines equipped with their own methodology for studying social phenomena.

*Teaching methods:* Lecture-discussion.

*Prerequisites:* None.

*Taught:* Annually, 5 quarter hours each.

*Usual size:* 20

*Assignments:* Essays, in-class exams.

*Note:* A student who completes one term of this sequence receives five quarter hours credit toward the Humanities Perspectives requirement. A student who completes two terms of the sequence earns five quarter hours each toward the Humanities and Fine Arts Perspectives requirements. A student who completes the entire sequence earns five quarters hours each toward the Humanities, Fine Arts, and Social Science Perspectives requirements.

## 497

### MIDDLE EAST IN GLOBAL PERSPECTIVE

Zaher Wahab, teacher education  
*Content:* Middle Eastern history since World War I; the impact and legacy of European colonialism in the area; Islam as a religion, doctrine, and ideology; the phenomenon of cultural invasion called modernization; sociocultural and religious revivalism as a counterforce to Westernization; U.S. imperialism; the Soviet factor; Lebanon as a metaphor for the region; oil as a blessing and a curse; Zionism and anti-Semitism; from the Holocaust to holocaust; the roots of crises and their resolutions.

*Teaching methods:* Seminar, discussion.

*Prerequisites:* Junior standing.

*Taught:* Annually, 5 quarter hours.

*Usual size:* 20

*Assignments:* Three essays, all-class practical project, final.

## 497

### MASS MEDIA, TECHNOLOGY, AND SOCIETY

Stuart Kaplan, communications  
*Content:* Major developments in the technology of mass communication during the last 20 years. The cultural, political, and economic implications of these developments are assessed in the context of broad philosophical issues concerning technology and society. This investigation draws on the disciplines of communications, history, sociology, and political science.

*Prerequisites:* Junior standing.

*Teaching methods:* Lecture, discussion.

*Taught:* Winter term, 5 quarter hours.

*Usual size:* 20

*Assignments:* Midterm, oral presentations, research paper, final.

## 497

### INTERPRETING CULTURAL INTERPRETATION

Deborah Heath, sociology/anthropology

*Content:* The value of interpretive approaches to the study of society and culture. The course, on the one hand, considers the notion that social life is a "text," interpreted by the social scientist and by members of a given society. On the other hand, it examines the cultural and political contents that shape social scientific inquiry. Readings from literary criticism, philosophy, and crit-

ical theory provide models for analyzing studies of society and culture by anthropologists, sociologists, and historians.

*Teaching methods:* Seminar; active student participation is expected.

*Prerequisites:* Junior standing.

*Taught:* Winter 1987 and alternate years, 5 quarter hours.

*Usual size:* 15-20

*Assignments:* Group presentations, short written assignments, research paper.

## 497

### EVOLUTION AND CREATION: ISSUES AND CHALLENGES FOR CONTEMPORARY SOCIETY

Richard Rohrbaugh, religious studies

Steven Seavey, biology

*Content:* Scientific and religious ideas relating to human origins. The course explores how modern controversies can be interpreted in the light of an historical perspective.

Analysis addresses the political and legal issues involved in society's most recent attempt to distinguish religious and scientific endeavors.

*Teaching methods:* Seminar, occasional lecture and discussion.

*Prerequisites:* Junior standing.

*Taught:* Fall 1987, 5 quarter hours.

*Usual size:* 20

*Assignments:* Readings, papers, student presentations.

## Area Studies: East Asian

### Director: Jeffrey Barlow

The minor in East Asian area studies enables students to combine study of a major field in the arts, sciences, humanities, or social sciences with a focused study of East Asian history, culture, and contemporary affairs.

Students who couple this minor and a major with appropriate language study and overseas experience are well-positioned for graduate study, work abroad, or employment with American firms doing business with Asia.

The minor is supervised by a group of faculty from several departments. This group coordinates the curriculum, advises students, and plans special events. In addition to



The Lewis & Clark curriculum is planned on a model in which students take three basic courses each term, thus allowing concentrated study of the subjects undertaken. The nine-month academic year consists of three eleven-week terms, including one week for final exams. The predominant course at the college totals five quarter hours, and these credit hours usually signify the number of hours per week the class meets. The customary student course load is 16 quarter hours, with the expectation that students spend an average of two hours preparing for each class hour. Some courses offer partial credit (one, two, three, or four quarter hours), because work normally is done during class meetings or because the courses meet fewer than five class hours per week.

## Graduation Requirements

Lewis & Clark College awards two baccalaureate degrees—the bachelor of arts and the bachelor of science. The basic requirements for these undergraduate degrees are quite similar. The B.A. requires more experience in a foreign language; the B.S. requires more mathematics and natural science.

The basic requirements for a bachelor's degree are:

1. Satisfactory completion of a minimum of 185 quarter hours.
2. Senior residency, defined as the final 45 quarter hours taken in residence at Lewis & Clark College.
3. Compilation of a cumulative GPA of at least 2.0.
4. Satisfactory completion of a major program approved by the chair of the appropriate department or student designed major committee. Transfer students are normally required to complete at least 30 quarter hours within the major department at Lewis & Clark.
5. Completion by B.A. candidates of six terms or the equivalent in a foreign language. Students may satisfy this requirement in one of these ways:
  - a. Placement into 301 on the foreign language placement examination.

b. Completion of a foreign language through the 203 level.

c. Completion of a language-based overseas program approved for the B.A. requirement.

d. Completion of Hellenistic Greek through 201 (four courses), plus two approved culture courses of that time period.

e. For international students, completion of the baccalaureate at Lewis & Clark if English is not the native language.

6. Completion by B.S. candidates of 20 quarter hours in science in addition to the 10 natural science quarter hours for the general college requirements. Courses for the B.S. are to be selected from the following list of approved courses.

### *Biology*

All courses offered by the department.

### *Chemistry*

All courses offered by the department.

### *Communications*

260 Quantitative Methods

### *Computer Science*

All courses offered by the department.

### *Economics*

103 Statistics

303 Econometrics

### *Education*

304 Educational Psychology

### *Health & Physical Education*

300 Human Anatomy

310 Human Anatomy and

Physiology

315 Physiology of Exercise

320 Kinesiology

### *International Affairs*

297 Quantitative Methods in the Social Sciences

### *Mathematics*

All courses offered by the department beyond 075 Review of Algebra.

A student who successfully completes Calculus I and II without taking Pre-Calculus may also apply that course toward the B.S. requirement.

### *Philosophy*

202 Philosophy of Science

### *Physics*

All courses offered by the department.

### *Political Science*

399 Political Science Seminar

### *Psychology*

136 Statistics and Probability

201 Experimental Lab

335 Human Cognition

336 Learning Theory

337 Perception

341 Physiological Psychology

436 Advanced Statistics and Research Design

7. Satisfactory completion of any Health & PE 101 course. Physical education is one facet of a total educational program which stresses the interrelationship and interdependence among the physical, mental, and social dimensions of human experience. Therefore, students are required to take at least one course that engages them in physical exercise. In this course, students are encouraged to recognize the importance of physical activity as a life-long pursuit.

8. Mathematics proficiency requirement. Before graduation students must demonstrate proficiency in mathematics through the intermediate algebra level. They may satisfy the requirement in one of these ways:

a. Establishing qualifications to enter a class beyond Mathematics 075 Review of Algebra, based on the results of the mathematics proficiency/placement examination given to all entering students during orientation.

b. Receiving five quarter hours credit in Mathematics 075 Review of Algebra.

c. Successful completion with a grade of C or better of five quarter hours of credit in approved courses which make extensive use of mathematical methods. Presently approved courses include:

### *Chemistry*

All chemistry courses,\* excluding Chemistry 127, 140, 150.

### *Mathematics*

All mathematics courses numbered 121 or above.\*

### *Physics*

All physics courses numbered 131 or higher,\* excluding Physics 204, 208.

\*These courses currently require Mathematics 075 or a higher mathematics course as a prerequisite at Lewis & Clark College.

d. Passing a Mathematics Proficiency Examination administered

by the mathematics department each term. Passing this test *does not* establish the mathematics prerequisite for other courses in the curriculum.

**9.** Satisfactory completion of the Core Program requirements.

## Core Program Requirements

The Core Program spans a student's four years at Lewis & Clark. It consists of three inquiry courses and seven perspectives on the methods and materials in humanities, natural science, social science, and fine arts, distributed as follows:

*Inquiry Courses, 15 quarter hours*

**a.** Basic Inquiry, five quarter hours, to be taken in the fall of the freshman year.

**b.** Critical Inquiry, five quarter hours, to be taken some time during the student's first three years.

**c.** Advanced Inquiry, five quarter hours, to be taken after all other core requirements and a substantial part of the major has been completed (i.e., during the student's junior or senior year).

A complete list of inquiry courses is published in the annual *Registration Announcements* booklet.

*Perspective Courses, 35 quarter hours*  
Perspective courses are to be completed by the end of the junior year.

**a.** Perspectives on Humanities, 40 quarter hours. Typical of courses approved for the Perspectives on Humanities requirement are:

*Art*  
101, 111, 121 History of Art

*Core*  
195, 196, 197 Intellectual Foundations of Civilization\*

*English*  
101, 102, 103 World Literature  
250 Introduction to Shakespeare  
298 The Sea in Literature  
298 The Sacred and Political in American Life

325 Literature of the Mexican Revolution

*History*  
210 American History to 1800  
211 U.S. History 1800-1898  
212 U.S. History since 1898  
230 Emergence of Early Modern Europe  
232 Europe in Crisis

### Music

162, 163 Music Literature

### Philosophy

102 Introduction to Philosophy

103 Ethics

201 Philosophy of Religion

### Religious Studies

101 Introduction to Religion

121 Search for Meaning

222 Old Testament

223 New Testament

241 Religions and Culture of India

242 Religions and Culture of the Far East

251 History and Thought of Western Religion: Medieval

252 History and Thought of Western Religion: Modern

363 Religion in American Culture

\*A student who completes one term of Core 195, 196, 197 receives

five quarter hours credit toward the Humanities Perspectives requirement. A student who completes two terms of the sequence earns five quarter hours each toward the Humanities and Fine Arts Perspectives requirements. A student who completes the entire sequence earns five quarters hours each toward the Humanities, Fine Arts, and Social Science Perspectives requirements.

**b.** Perspectives on Natural Sciences, 40 quarter hours. Students may fulfill this two-term requirement in one of two ways.

**1.** Most students who are not planning to major in science take one course from each of the following categories.

#### Category A

Biology 111

Chemistry 127, 140

#### Category B

Physics 102, 110, 121, 122, 204, 208, 230

**2.** Science majors and others who have strong science backgrounds may take two introductory science major credits, selected from:

Biology 131, 132, 133

Chemistry 111, 112, 113

Physics 131, 132, 133

In addition, science majors are strongly encouraged to fulfill one of the Critical or Advanced Inquiry requirements in a course emphasizing issues of science and society (e.g., Philosophy 202 for the Critical Inquiry requirement).

**c.** Perspectives on Social Sciences, 40 quarter hours. Two kinds of

courses are approved for this requirement. Discipline-focused courses (Category A) introduce students to the assumptions, present knowledge, and approaches of a particular social science discipline. Division-focused courses (Category B) frame the social sciences historically, conceptually, and methodologically as a distinctive mode of inquiry. Students may meet this requirement in one of two ways.

**1.** Successful completion of two courses from Category A, provided these courses come from two different departments.

**2.** Successful completion of one course from Category A and one course from Category B.

Courses approved for the Social Science Perspectives requirement are:

*Category A: Discipline-Focused Courses*  
Communications 101

Economics 100

International Affairs 100

Political Science 101, 102

Psychology 101

Sociology/Anthropology 100, 110

*Category B: Division-Focused Courses*

Communications 260

International Affairs 297

Political Science 399

Psychology 136

Sociology/Anthropology 200, 300

**d.** Perspectives on Fine Arts, 5 quarter hours. Students who have had little or no background in the arts are encouraged to select from the following introductory classes.

#### Studio

Art 114-124, 215

Music 117, 131-136, 165-194

Theatre 110, 120, 130

#### Appreciation

Art 298 (Sight and Sense)

Music 104

Theatre 210

For those who have already had background in the arts, any other five quarter hour course or combination of courses totaling five quarter hours in the Art, Theatre, or Music Departments may be used to satisfy the fine arts requirement.

Also, students may take at least five quarter hours through a course or courses drawn from English 211, 212, 221, 222.

No one course may be used to satisfy other requirements in the Core Program.

*Requirements for Transfers*

**1. Basic Inquiry:** Not required of junior or senior transfers. Recommended for freshmen and sophomore transfers.

**2. Critical Inquiry:** May be satisfied by approved transfer course(s) or a Lewis & Clark course.

**3. Advanced Inquiry:** This course must be taken at Lewis & Clark College.

**Writing Program**

Lewis & Clark recognizes that the ability to articulate one's ideas and values in clear, cogent prose is one of the hallmarks of the educated person. The college expects students to strive for excellence in various modes of written expression.

Committed to helping students continue to develop their writing skills throughout their four years at Lewis & Clark, the college has adopted a writing program comprised of W courses and Writing Alerts. Each year the Writing Committee publishes a list of officially designated W courses. In these regular offerings in various departments and programs, students write a minimum of 15-20 pages during the term and receive feedback on this writing throughout the term. All inquiry courses in the Core Program are W courses.

Students whose prose reflects serious writing problems will be notified by faculty members, through Writing Alerts, that they must take action to improve their skills. Addressed to the student, the Writing Alert lays out a plan of action the student is expected to follow. A copy of the alert is forwarded to the Writing Committee, which monitors alerts. In certain cases, the committee will inform a student that the plan of action is a requirement for graduation.

Students entering prior to fall 1985 who have not satisfied the writing requirement through the Society and Culture course sequence must submit a writing portfolio to the Writing Committee via the Office of the Dean of the College of Arts & Sciences.

Transfer students are urged but not required to take at least one W course during their first year at Lewis & Clark.

**Policies & Procedures****College Level Examination Program**

The college grants CLEP credit to individuals who have not been enrolled in a formal academic program for a minimum of three years. Those who have had formal classroom instruction at the collegiate level before taking the CLEP examination do not qualify for CLEP credit. Students may receive 10 quarter hours for each of five general examinations passed at the 60th percentile. The total credit granted may not exceed 50 quarter hours.

**Modification of Requirements**

Students may petition to waive or modify any academic requirement. Students may obtain the Modification of Requirements Committee Petition Form in the Registrar's Office and must return the completed form to the registrar. The committee reviews the petition, and the registrar informs the petitioner of the decision. The committee generally is composed of the student's academic advisor, the chair of the major department or a faculty member associated with the area of the request, the registrar, and the dean of the College of Arts & Sciences.

**Course Load Policy**

A normal course load for a term is 15-16 quarter hours. Students may register for less than a normal load in a particular term; the college considers them to be full-time students if they take at least 12 quarter hours. Students must complete a minimum of 185 quarter hours for graduation.

**Repeated Courses**

A few courses are approved for repeat credit (i.e., physical education, music, and communications activity courses); most are not. Students who repeat a course for which *earned* credit has already been granted are required to graduate with 185 quarter hours *plus* the amount of repeated credit. For example, if a student who earns a D grade in Business & Administrative

Studies 350 decides to repeat the course for a C grade, the college counts the course only once in determining the total number of credits completed for graduation. In such instances, students must graduate with a minimum of 190 quarter hours.

**Double Majors**

Students may graduate with more than one major if they complete all requirements for each major. If major requirements overlap, the following rule applies: A student must have a least 40 quarter hours in discrete credits in each major. In no case may students combine a regularly designated major with a student designed major, nor may they combine a natural science major with biology, chemistry, mathematics, or physics.

**Minors**

Lewis & Clark expects students, in consultation with their academic advisors, to develop academic programs that devote roughly one-third of their studies to each of the following: major requirements, general college requirements, and electives.

Some students may wish to apply part of their elective courses to a minor which denotes a clearly defined set of courses identifying a secondary area of expertise. The student may elect a minor which complements the major area or one which denotes an interest and expertise seemingly unrelated to the major. Some courses overlapping with the major are permitted, but a minimum of 20 quarter hours must be discrete credits not used in any other set of requirements.

Minors consist of a group of required courses and some elective courses. Students choose electives from a list substantially larger than the number of courses needed for the minor. At least 20 quarter hours for a minor must be taken at Lewis & Clark. Minors may be offered by a department, program, or curriculum; they may also be interdisciplinary in nature.

Students may also seek approval of a self designed interdisciplinary minor. Such minors are implemented in the same manner as a student designed major through the