

# HENDRIX

Guide to Academic Planning  
2011-2012

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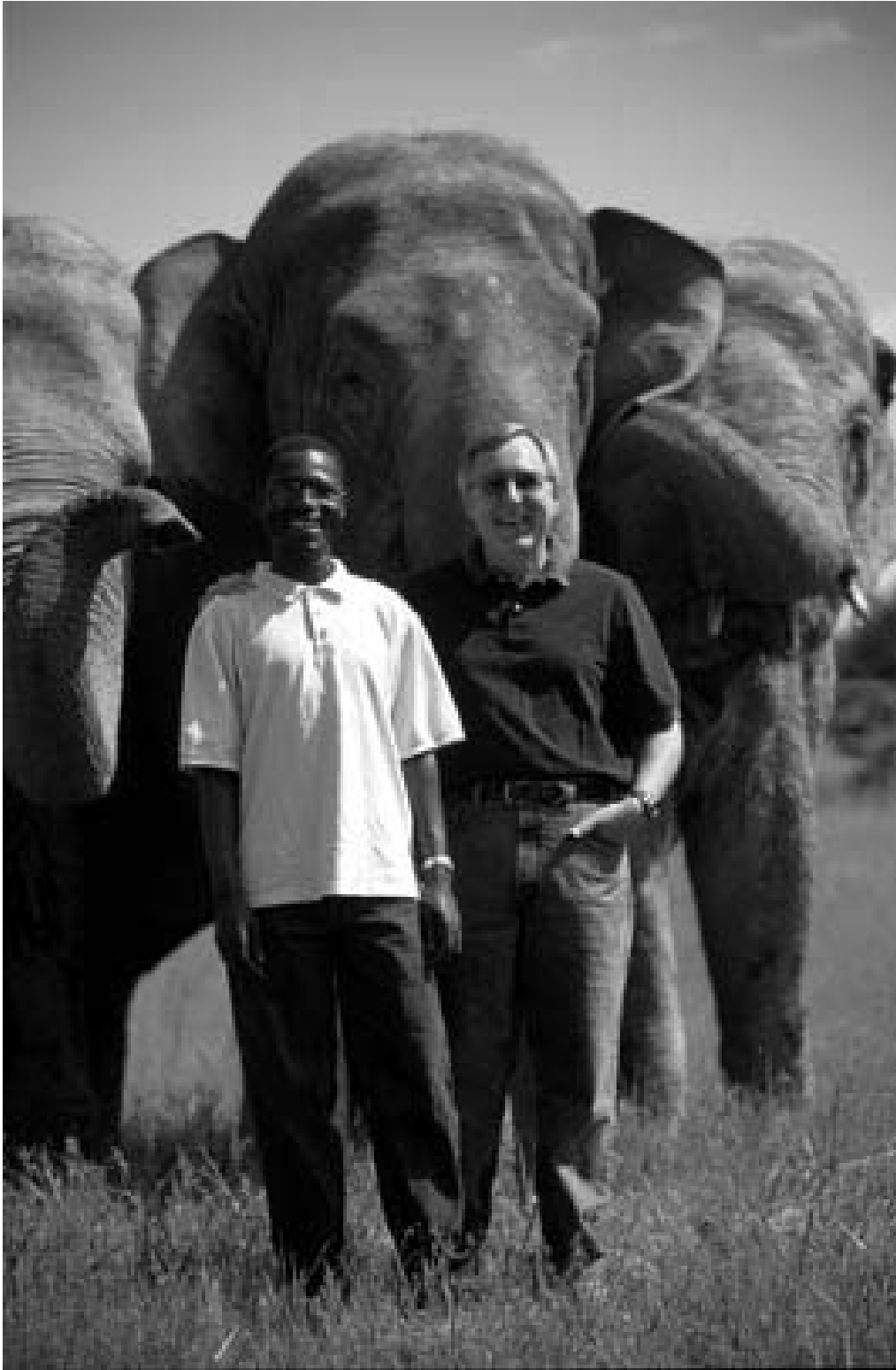
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# INTRODUCTION

## THE HENDRIX GUIDE TO ACADEMIC PLANNING

This *Guide* is an academic resource for Hendrix students and their academic advisors. Used in conjunction with the *Hendrix Catalog*, its purpose is to facilitate each student's own planning and design of his or her curricular program at the College. While the student's academic advisor is a central resource in this process, ultimate responsibility for academic planning and for meeting all graduation requirements of the College resides solely with the student.

Please note that the *Guide* does not supercede the *Catalog*. Any discrepancy between the *Guide* and the *Catalog* will be resolved in favor of the provisions of the *Catalog*.

The *Guide* contains five sections, as follows (see Table of Contents for page information):

1. **General Requirements**, which summarizes the academic structure, policies and graduation requirements of the College;
2. **Guide to First-Year Courses**, which provides basic information for first-year students and for continuing students considering entry-level work in an academic area;
3. **Guide to Academic Majors and Minors**, which provides information on requirements and course sequencing for all majors and minors offered by the College;
4. **Preprofessional Guidelines**, which contains information and recommendations related to various pre-professional interests of Hendrix students; and,
5. **Internships and Related Learning Experiences**, which outlines policies and procedures for these special learning opportunities.

## ACADEMIC ADVISING AT HENDRIX

Every Hendrix student has an academic advisor who is a full-time faculty member at Hendrix. As noted above, although faculty advisors serve as an important academic resource and mentor for their advisees, **final responsibility for completing all graduation requirements, for planning and monitoring academic progress, and for using the faculty academic advising system rests solely with the individual student.**

Hendrix encourages each student to design a coherent course of study shaped by his or her own interests and by College and departmental requirements. To facilitate this process, each student's faculty advisor provides assistance in academic planning, the scheduling of courses, and other academic and career-related matters, as appropriate. Students are encouraged to converse regularly with their advisors on all matters relating to their educational and professional interests, goals, or concerns.

Advisors are assigned initially through the Council of New Student Advisors (CNSA), a group of faculty selected and trained specifically to work with new students at the College. **Students may change advisors at any time after their initial registration. Instructions and forms for this purpose are available in the Office of the Registrar. New students most often retain their CNSA advisor at least until spring registration of the first year of study.** At some point during the first or second year of study, when a major has been chosen and confirmed through work in courses with faculty in that discipline, each student should shift to an advisor in the department of his or her major. **Juniors and seniors are required, no later than the first semester of their junior year, to declare a major and a major advisor who is a faculty member in the department or area of the major. Forms for this purpose are available in the Office of the Registrar.**

In addition to ongoing general discussions concerning academic planning and scheduling, career goals, and academic progress, students and advisors will want to discuss at least the following:

- taking less or more than a standard load (four courses) in a given semester,
- dropping a course in progress,
- receiving an Interim Report in a course,
- changing the year's schedule in any way,
- declaring a major or minor,
- changing a major or minor,
- Odyssey projects (3) used to fulfill graduation requirements,
- study abroad opportunities,
- transfer credit procedures,
- going on leave or withdrawing from the College.

More generally, students and advisors are encouraged to view their work together within a context of mutual commitment to student development and success at Hendrix and beyond.

Questions and other inquiries concerning the academic advising program at Hendrix may be directed to the Office of the Associate Provost for Advising and Retention, located on the second floor of the Student Life and Technology Center (450-1246).

### **STUDENT ACADEMIC RECORDS**

The Office of the Registrar maintains official academic records for all students. Students should consult that Office with any questions or concerns they have relating to academic standing or to progress towards the degree.

### **DEGREE AUDITS**

Students receive a formal graduation audit from the Registrar during the summer prior to their year of graduation and again early in their final semester. A student wanting a formal degree audit from the Registrar's Office prior to that time must

complete and sign, with his or her advisor's assistance, a **Hendrix Degree Audit Sheet** listing all coursework to date. That completed and signed form is then submitted to the Registrar's Office for confirmation or correction. The **Hendrix Degree Audit Sheet** is available in the Registrar's Office, on the Registrar's Office web page, and at the back of this *Guide*.







## GENERAL REQUIREMENTS

The requirements set forth in this section apply to all students regardless of major.

While every effort is made to ensure the accuracy of the information provided herein, Hendrix College reserves the right to make changes at any time without prior notice. The College provides the information in this *Guide* solely for the convenience of the reader and, to the extent permissible by law, expressly disclaims any liability which may otherwise be incurred.

**Note:** *Students are again reminded that final responsibility for completing all graduation requirements rests solely with the individual student. The Hendrix Catalog is the governing document for degree and related requirements.*

Daily Class Schedule information and an Academic Planning Worksheet are provided at the back of this *Guide*. Students are encouraged to use these materials in planning their courses for each of their years at Hendrix. A Hendrix Degree Audit Sheet is also provided for tracking the completion of graduation requirements.

### THE PROGRAM FOR THE BACHELOR OF ARTS DEGREE

The General Education Requirements at the College consist of three components—the Collegiate Center, Learning Domains, and Capacities. The Collegiate Center assures students the opportunity to engage in thought about cultures and contemporary issues. The Learning Domains afford multiple options for acquiring a basic understanding of the content, disciplinary styles, and modes of inquiries of the humanities, the natural sciences, and the social sciences. The Capacities requirement recognizes that all students must exhibit basic proficiencies in fundamental skills that are utilized across multiple disciplines.

#### I. THE COLLEGIATE CENTER

In its Statement of Purpose, the College pledges to offer curricular programs “to investigate and appreciate the richly diverse cultural, intellectual, and linguistic traditions shaping the contemporary world” and “to examine critically and understand the intellectual traditions woven into the history of Western thought.” The College also commits its intention to the cultivation of “discernment of social, spiritual, and ecological needs of our time” and “a sense of responsibility for leadership and service in response to those needs” (2010-2011 Catalog, 10).

The Collegiate Center addresses these commitments through a three-component general education requirement:

**A. JOURNEYS**—one-course, fall semester.

Journeys is a one-semester, common course required of all first-year students entering Hendrix College. It is grounded in the College's motto, which (from Ephesians 4:13) may be translated as "toward a fulfilled person." The motto thus implies trajectory, a sense of movement or development, from one state of being or one way of living to another. It implies, in short, the notion of journey. This course takes the concept of journey as its touchstone and explores how different cultures and different peoples have made sense of their own life journeys.

The exact works and kinds of journeys we examine will no doubt evolve as the course changes over the coming years. But our goal will remain constant. We aim to challenge our students to examine a variety of human journeys, with the hope that they will come to understand different conceptions of human fulfillment and that they will reflect deliberately on the paths their own lives might take.

Transfer students entering Hendrix with seven or more accepted post-secondary transfer credits are required to take a second Challenges of the Contemporary World (CW) course instead of Journeys. Students who do not pass Journeys are required to take a second Challenges of the Contemporary World course to meet their Journeys requirement. The grade earned in this course will not replace the Journeys grade. Journeys may not be repeated.

**B. EXPLORATIONS: LIBERAL ARTS FOR LIFE**—weekly seminar, fall semester (.25 course credit).

Explorations: Liberal Arts for Life is a one-semester, common course required of all students enrolled in Journeys in their first semester at the College. Transfer students not required to take Journeys are exempt from taking Explorations.

Explorations is designed to foster an ongoing engagement with the liberal arts experience, to facilitate the transition of new students to the Hendrix community, and to enhance students' potential for success in their collegiate studies. The course meets once a week and carries one-quarter (.25) course credit. **This course credit cannot be combined with other fractional course credits to make a whole course credit. This course does not count toward the number of whole credits required for graduation.**

Areas of study in Explorations include higher education in the liberal arts and sciences, the aims and expectations of the College, academic and engaged learning explorations, and self-inquiry and personal development. Additionally, the seminar focuses on refining student

knowledge, perspectives, and skills requisite to successful academic work and integration into the Hendrix community.

Each first-year student will be assigned to both a Journeys and an Explorations section. In each Explorations section, instruction will be complemented by the presence of a peer assistant who will be available to provide student perspective and assistance throughout the course.

**C. CHALLENGES OF THE CONTEMPORARY WORLD (CW)**—one course, taken after the completion of Journeys.

This component complements the Journeys component by exploring challenges of the contemporary era. Such challenges include environmental concerns, racial and ethnic differences, social inequities regarding gender and sexuality, and other issues of world citizenship. By confronting contemporary social issues, students prepare themselves to join a responsible world community striving toward a just, sustainable, and spiritually satisfying future. This component of the curriculum is a flexible one-course requirement to be fulfilled **after the completion of Journeys. This course must be taken for a letter grade and is not available for credit only.**

Courses meeting the Challenges of the Contemporary World requirement offered in a given academic year are noted with a "CW" in the on-line *Course Schedule* for that year.

**II. LEARNING DOMAINS**

Learning domains represent an organization of courses around content and teaching methods that may transcend departmental boundaries. Students should be exposed to courses in each of the learning domains to ensure they receive an adequate breadth of educational experiences while at the College. The learning domains form the foundations of a liberal arts education, much as reading, writing, and arithmetic form the foundation of secondary education.

A student must take seven courses across six learning domains as defined below. **These seven courses must be from seven different disciplines as distinguished by the first three (3) letters of the course identifier. Learning domain courses must be taken for a letter grade and are not available for credit only.**

Courses that may be used to satisfy each of these Learning Domain requirements are designated by the two-letter code that appears by each Domain title below. These codes appear in the on-line *Course Schedule* and with course descriptions in the *Catalog*.

**A. Expressive Arts (EA)—one course.**

Throughout history, humans have used the arts to explore and express ideas and feelings in a uniquely symbolic and expressive way, endowing the arts with qualities that are significantly different from those embodied in other ways of knowing. To understand any culture, a person must be able to grasp, interpret, and respond to its artistic creations and symbols. Given the broad spectrum of cultural production, a study of the expressive arts introduces students to ways of interpreting and understanding art content, as well as understanding the forms through which this content is produced and communicated. Courses in this domain emphasize either the creative process through the making and performing of works of art or the place of such works of art within a particular historical, cultural, or aesthetic context.

**B. Historical Perspectives (HP)—one course.**

History is that branch of knowledge that seeks to account for the diverse ways in which human beings in different cultures and societies have all responded to temporal change. Through the examination of contemporary issues from a historical perspective, we gain insight into the richness of human experience and gain insight into our own convictions and actions. Courses in this domain study the development of societies and cultures over time.

**C. Literary Studies (LS)—one course.**

Literature has been a central form of expression for many societies. Literature provides a medium through which students gain insight into the minds and lives of other human beings, and the process whereby human experience is imaginatively transformed into art. Critical reading/interpretation of a literary text provides understanding into what meanings that text holds, how those meanings are produced, what purposes they serve, and what effects they have. Literary studies also facilitate a student's ability to articulate responses both orally and in writing.

**D. Natural Science Inquiry (NS, NS-L)—two courses, each from a different department; one course must be a laboratory course.**

Science and technology are playing an ever-increasing role in our society. In order to navigate this sea of information students must know and understand how science does and does not work, the application of scientific and mathematical principles, and the distinction between science and dogma. This requires the coupling of basic scientific principles with systematic, critical analysis. Emphasis is on the methods used to model, gather, interpret, and evaluate data critically, and the placement of this

information into a larger context. In the face of our rapidly evolving understanding of the natural world, application of the scientific method is an enduring skill for assessing the validity of observations related to the natural world. This mode of inquiry inextricably links course content and the analysis process.

**E. Social and Behavioral Analysis (SB)—one course.**

Human experience always takes place in the context of larger social forces, organizations, and institutions: families, organizations, communities, governments, and economics. Courses in this domain study the myriad dimensions of human behavior and the human relationships from a variety of disciplinary and interdisciplinary perspectives. Through this study we begin to comprehend individual and social life and to develop policies and other means of intervention.

**F. Values, Beliefs and Ethics (VA)—one course.**

A perennial feature of humanity is the ability and need to raise fundamental questions about the ultimate meaning of our existence, our common origins and destiny, the nature of reason, and what constitutes a good life. Our efforts to deal with these questions reflect basic values and beliefs that shape our perception of the world, give order and purpose to our existence, and inform our moral judgement. Courses in this domain seek to explore critically and to understand different value and belief systems, to examine commonalities of these systems across historical, philosophical, religious, and/or cultural boundaries, and to introduce ways of making reasoned value judgements.

**III. CAPACITIES****A. Writing (bi-level program).**

Clear and effective writing is inseparable from clear and coherent thinking. Each student must demonstrate the attainment of an acceptable level of skill in written communication by fulfilling the requirements of a bi-level writing program.

**Level I (W1).**

To meet the Level I writing requirement a student must:

- a. receive a "C" or above in ENGL 110 *Introduction to Academic Writing*, or ENGL 210 *Advanced Academic Writing* at Hendrix; or
- b. receive a grade of "C" or above in a course at Hendrix from the category Introduction to Literary Studies (These courses are identified by the code "W1" in the *Course Schedule*); or

- c. receive a grade of “C” or above on an examination in written English administered by the Writing Center at Hendrix and certified by the English Department.

Each student is expected to meet this requirement during his or her first or second year since enrollment of juniors and seniors is limited or excluded in many W1 courses.

#### Level II (W2).

To meet the Level II writing requirement, a student must receive writing proficiency certification (including making a grade of “C” or higher) in a Writing Intensive course offered by any department of the College. Writing Intensive courses are identified by the code “W2” in the *Course Schedule*.

The following guidelines apply to all Level II courses:

- Level II courses (Writing Intensive courses) will be sophomore-level and above;
- Level II courses may be used to meet other requirements, as appropriate; and
- Level II certification will not be given until a student has completed Level I.

A student may not complete Level II and Level I in the same semester.

Students may not use credits received from the Advanced Placement exam (AP), International Baccalaureate exam (IB), or from transfer courses to satisfy either the Level I or Level II requirement. Moreover, successful completion of the Level I writing examination will not satisfy the Literary Studies (LS) Learning Domain.

#### B. Foreign Language (two-semester equivalent).

Students should achieve the degree of competence in a foreign language necessary to encounter another culture on its own terms. This requires being able to understand, analyze, and use a foreign language. Such a capacity increases subtlety of mind, sharpens sensitivity to the use of one’s own language, and more fully opens another culture for exploration.

Students can fulfill the foreign language requirement by satisfying at least one of the following:

- Passing the second semester of any foreign language at the College;
- Passing an examination demonstrating proficiency at a level equivalent to the second semester of a foreign language taken at the College;
- Receiving transfer credit for the equivalent of two semesters of a foreign language from an accredited institution;

- In the case of international students whose native language is not English, by completing the Writing Level I (W1) requirement.

#### C. Quantitative Skills (QS) (one-semester equivalent).

As our society becomes more technologically and analytically based, it is important that students develop quantitative skills that are necessary in a large and growing number of careers. Mathematical models form the basis for many fundamental concepts and modes of analysis in a diverse number of disciplines. Students need to possess sufficient quantitative skills in order to understand, manipulate, and interpret these models. It is therefore important that students possess a base level of mathematical/computing skills necessary for the development of those quantitative skills they will need in their chosen disciplines and in their lives.

To complete the quantitative skills capacity requirement, students must successfully receive credit for a Quantitative Skills course by one of the methods listed below:

- Passing a Quantitative Skills course offered by the College;
- Earning an appropriate Advanced Placement (AP) or International Baccalaureate (IB) credit;
- Transferring from any accredited institution a course that is comparable in academic quality and content to a Quantitative Skills course.

#### D. Physical Activity (PA) (two-semester equivalent; .25 per course)

Students are encouraged to develop and practice a lifestyle that promotes wellness and physical fitness, and that incorporates recreational activities on a regular basis. All students must meet the Physical Activity requirement unless exempted by the Physical Activity Coordinator.

Students can fulfill the physical activity requirement by receiving credit for two different physical activity (KINA) classes offered at the College. Two semesters of participation in Dance Ensemble (TARA A30) may be used to satisfy the PA requirement.

Successful completion of one season in a varsity sport qualifies as an activity class for this purpose. However, no more than one of the two PA requirements may be earned from participation in varsity sports.

Transfer courses may be considered for PA credit.

Students completing four (4) different PA courses may combine them for one whole course credit. PA courses may not be combined with fractional credit from other disciplines.

#### IV. YOUR HENDRIX ODYSSEY: ENGAGING IN ACTIVE LEARNING

The academic program titled “Your Hendrix Odyssey: Engaging in Active Learning” is designed to encourage you to embark on educational adventures in experiential learning.

Graduation requirements for all students include the completion of an approved experience in at least three of the following categories:

**Artistic Creativity (AC).** Experiences in which students explore their creative potential in art, music, dance, drama, or creative writing.

**Global Awareness (GA).** Experiences in which students immerse themselves in cultures or environments other than their own and engage in appropriate opportunities for reflection.

**Professional and Leadership Development (PL).** Experiences in which students apply their intellectual interests through internships, other opportunities for working alongside professionals on site, or leadership in community life or professional settings.

**Service to the World (SW).** Experiences within and beyond the Hendrix community in which students are engaged in helping meet the social, ecological and spiritual needs of our time.

**Undergraduate Research (UR).** Experiences in which students undertake significant research projects using the methods of their chosen discipline.

**Special Projects (SP).** Experiences in which students extend, apply, connect or share different ways of knowing (e.g., oral, verbal, tactile, imaginative, intuitive), often in inter-disciplinary settings.

Odyssey projects may be courses or components thereof, pre-approved co-curricular activities, or independent projects. Qualifying courses are identified by two-letter codes (analogous to those used in Learning Domains) that appear in the *Catalog*, in the on-line *Course Schedule*, in the *Odyssey Program Guide*, and on the Odyssey web page ([www.hendrix.edu/odyssey](http://www.hendrix.edu/odyssey)). In order to earn Odyssey credit for a course, you must earn a C or better. If a course is coded both as a Learning Domain and an Odyssey category course, you may earn credit for both requirements. No course, however, may be counted to fulfill more than one Odyssey category requirement.

Certain co-curricular activities (e.g. Miller Center Mission Trips, peer tutoring, and Career Services internships) are also pre-approved for Odyssey credit. A complete list of these activities can be found in the *Odyssey Program Guide* and on the Odyssey web page. To earn credit for one of these activities you must submit a Statement of Intent to the Odyssey office. All Odyssey forms are available on the web page.

If you wish to design your own Odyssey project, you must work with a member of the Hendrix faculty or administrative staff to develop your proposal. (Administrative staff members are eligible to sponsor students for Global Awareness, Professional and Leadership Development, Service to the World, and Special Projects.) This sponsor will also work with you as you do your project, and evaluate its successful completion. In addition, The Odyssey Office must approve all independently designed projects. Except in rare circumstances, such approval must be granted **before** the project has commenced. Transfer students may request approval for one project or activity undertaken before coming to Hendrix as long as it was undertaken at the college level. You will be given recognition on an experiential transcript for completion of approved Odyssey projects.

#### SPECIAL ADVICE FOR FIRST-YEAR STUDENTS REGARDING YOUR HENDRIX ODYSSEY

**Relax:** You have your entire Hendrix career to create your own Hendrix Odyssey—so savor and enjoy the choices that you will make along the way.

**Take your time:** Because there are only *three* Odyssey experiences required for graduation, you have plenty of time to complete them. You may, for example, think about completing *one* Odyssey requirement each during your sophomore, junior, and senior years. There’s no pressure for you to begin your Odyssey program during your first year—unless you want to do so.

**The choice is yours:** There are numerous ways to complete Odyssey requirements in any of the *six* Odyssey Program categories. This program is flexible and Odyssey experiences can be designed that meet your particular interests and goals.

**Explore and reflect:** Spend time during your first year at Hendrix surveying opportunities you might want to pursue as part of your Odyssey program—use the Explorations Seminar as one method of introducing yourself to some of the variety of activities we offer on campus. And beyond.

**Engage:** Come visit the Odyssey Office. We will be happy to speak with you about the details of your program. Come by and start a conversation!

## V. DOUBLE COUNTING OF COURSES

Many courses satisfy more than one general education requirement. That does not necessarily imply that a student may use a course to satisfy all of those requirements. The following guidelines apply:

- The Journeys course may not be used to satisfy Learning Domain requirements, Capacities requirements, or major or minor requirements;
- A course used to satisfy a Capacities requirement may also be used to satisfy either the Challenges of the Contemporary World or a Learning Domain requirement;
- A course with two or more Learning Domain codes may be used to satisfy only one Learning Domain requirement;
- A course with a Challenges of the Contemporary World code and a Learning Domain code may be used to satisfy either the Challenges requirement or the Learning Domain requirement, but not both;
- Courses taken to satisfy major or minor requirements may also be used to satisfy general education requirements, subject to the restrictions stated above;
- In the case of multiple-coded courses, a student may elect to change which code the student wants to apply for satisfaction of the General Education Requirements. This change can occur at any time before graduation;
- The Learning Domain requirements must be satisfied by seven courses from seven different disciplines as distinguished by the first three (3) letters of the course identifier;
- **Course credits received by Advanced Placement (AP) exam, College Level Examination Program (CLEP), or International Baccalaureate (IB) exam may not be used to satisfy Learning Domain or Collegiate Center requirements.**

## VI. RESIDENCY REQUIREMENTS

A student must successfully complete a minimum of sixteen courses at Hendrix. Six of the final eight courses counted toward graduation must originate from Hendrix or institutions which are in direct, formal institutional exchange agreements with Hendrix. Additionally, at least 50% of all major and minor requirements must be fulfilled from course work taken in residence at the College.

## VII. MAJORS AND MINORS

Students have three options for academic study:

- the pursuit of a single major
- the pursuit of two majors (double major)
- the pursuit of one major and one minor.

The pursuit of any other combination of multiple majors and/or minors is not permitted.

Student transcripts will list the name of the major, as well as any double major or minor.

Students should be aware that the pursuit of a double major or a major and a minor may require more than four years to complete.

Requirements for a major are as follows:

- declaring a major, declaring a major advisor, and notifying the Office of the Registrar of these declarations no later than the first semester of the junior year;
- fulfilling the requirements as designated by the student's major department;
- maintaining a minimum grade point average of 2.00 in departmental requirements;
- passing a Senior Capstone Experience in the major. (See Senior Capstone Experience discussion presented later in this section of the *Guide*.)

The College offers the degree of Bachelor of Arts with these majors:

Accounting	German
Allied Health	History
American Studies	Interdisciplinary Studies
Art	International Relations
Biochemistry/Microbiology	Mathematics
Biology	Music
Chemical Physics	Philosophy
Chemistry	Philosophy & Religious Studies
Classics	Physics
Computer Science	Politics
Economics	Psychology
Economics & Business	Religious Studies
English	Sociology/Anthropology
Literary Studies	Anthropology
Film Studies	Sociology
Creative Writing	Spanish
Environmental Studies	Theatre Arts
French	

The College offers one graduate degree, the Master of Arts in Accounting.

**Policy for double majors:** A student may complete a second major at Hendrix by fulfilling all of the following criteria:

- formally declaring intent with the Office of the Registrar to pursue two majors at Hendrix College. This intent must be filed no later than the first semester of the student's senior year;
- completing the Hendrix requirements for both majors;
- maintaining a minimum grade point average of 2.00 in the courses that comprise each major;
- passing the Senior Capstone Experience for both majors;
- completing both majors prior to the awarding of the undergraduate degree.

**Policy for minors:** A student may complete a minor by fulfilling the following requirements:

- formally declaring intent with the Office of the Registrar. This intent must be filed no later than the first semester of the student's senior year;
- completing the course requirements for the minor as specified in the departmental entry in the Catalog;
- successfully completing at Hendrix at least three of the courses that constitute the minor;
- maintaining a minimum grade point average of 2.00 in the courses that comprise the minor;
- completing both a major and the minor prior to the awarding of the undergraduate degree.

The College offers the following academic minors:

- |                     |                         |
|---------------------|-------------------------|
| Accounting          | French                  |
| Africana Studies    | Gender Studies          |
| American Studies    | German                  |
| Anthropology        | History                 |
| Art                 | International Business  |
| Art History         | International Relations |
| Studio              | Mathematics             |
| Asian Studies       | Music                   |
| Biology             | Philosophy              |
| Chemistry           | Physics                 |
| Classics            | Politics                |
| Computer Science    | Psychology              |
| Dance               | Religious Studies       |
| Economics           | Sociology               |
| Education-Secondary | Spanish                 |
| English             | Theatre Arts            |
| Film Studies        |                         |

### VIII. SENIOR CAPSTONE EXPERIENCE

The senior capstone experience is an opportunity for the student to integrate and synthesize the various aspects of the subject matter studied within the major. Each department or program has designed the capstone experience for its majors to help them develop a broader understanding of the significance of the major within the framework of their overall liberal arts experience. This experience may take the form of a comprehensive examination, a senior seminar, an undergraduate research project, or a senior exhibition, recital, or performance. Using one or more of these components also allows departments to assess the effectiveness of their major programs and evaluate the learning of each student. A grade is assigned for the Senior Capstone Experience after its completion. The grade is entered on the student's transcript but is not calculated in the GPA.

### IX. UNDERGRADUATE RESEARCH

Students are encouraged to explore the opportunities available in the department of their major for undergraduate research. In a variety of formats—on-campus or off-campus, as a paid internship or for academic credit—Hendrix students may participate in faculty-directed research projects. As a part of the undergraduate experience, student research is an instructional format providing first-hand understanding of methods through which knowledge is gained in a particular field. These projects often lead to the presentation of results at departmental colloquia or seminars, state or regional meetings, or the annual sessions of the National Conference on Undergraduate Research (NCUR). Students interested in these opportunities should consult with their faculty advisors or the chairs of the major departments.







## Guide to Courses for First-Year Students

- Note:
- Courses numbered 100-199 are specifically designed for first-year students.
  - Courses numbered 200-299 may be appropriate for first-year students, as noted in this section.
  - Except under extraordinary circumstances (very strong background, etc.) courses numbered 300 and above are not appropriate for first-year students.
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### ACCOUNTING

*(See Economics and Business entry, this section.)*

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### AFRICANA STUDIES

The ideal pattern for fulfilling the requirements of the Africana Studies minor is as follows:

#### First Year

One or two courses from the following list:

HIST 250 *History of Southern Africa*

HIST 251 *History of Central Africa*

HIST 252 *History of East Africa*

HIST 253 *History of West Africa*

ENGL 245 *African Novel*

ENGL 250 *Women and African Literature*

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### ALLIED HEALTH

See Allied Health section in the “Guide to Academic Majors and Minors” section of this *Guide* for appropriate coursework.

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### AMERICAN STUDIES

Students usually begin seriously pursuing American Studies in their sophomore year, the year they should take the Introduction to American Studies Experience whereby they take two related, “linked” courses from different departments. First-year students are encouraged to explore 100- and 200-level courses from at least two departments (see the list of possible courses under American Studies in the “Guide to Academic Majors and Minors” section of this *Guide*).

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## ANTHROPOLOGY

(See *Sociology/Anthropology* entry, this section.)

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## ART

Students interested in art may take the following:

ARTS 100 *Freehand Drawing*

ARTH 170 *Western Art History Survey I: Prehistory through Medieval*

or

ARTH 171 *Western Art History Survey II: Renaissance through 20<sup>th</sup> Century*

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## ASIAN STUDIES

Students interested in pursuing the language track (see *Catalog* for descriptions of the two tracks in the minor) should take Chinese with no delay. These courses are:

CHIN 110 *Beginning Chinese I*

CHIN 120 *Beginning Chinese II*

In addition, two 100-level courses contained in the list of courses are recommended as gateways to potential minors:

RELI 111 *Asian Religions: An Introduction*

HIST 180 *History in Two Keys: Theatre and Film in Modern China*

Students who choose to take the non-language track are likewise encouraged to take the 100-level courses and familiarize themselves with the idea of Asian Studies as a field. In general, almost all the 200-level courses are designed as freshman-friendly, so first-year students should not avoid them. It is a good idea, however, to talk to the individual instructors before registering for a course on the 200-level.

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## BIOCHEMISTRY/MOLECULAR BIOLOGY

Successful completion of the Biochemistry/Molecular Biology (BCMB) major will require careful planning and adherence to a relatively tight schedule of courses. BCMB majors will need to take at least 3 science/mathematics courses per year. Furthermore, 100- and 200-level courses offered by a given department are sequenced and

must be taken in numerical order. For example, CHEM 110 *General Chemistry I* must be taken before CHEM 120 *General Chemistry II*, but students may take BIOL 150 *Cell Biology* prior to taking CHEM 120 *General Chemistry II*.

Students planning a BCMB major should take the General Chemistry sequence (CHEM 110 and 120) their first year. They should also take BIOL 150 *Cell Biology* and/or the appropriate mathematics course during the first year.

Other students who wish to explore the BCMB major but who also want or need more time to check out other majors should take CHEM 110 and 120, and either BIOL 150 *Cell Biology* or the appropriate mathematics course their first year. Although it would be possible to complete the major if CHEM 110 and 120 are not taken until the second year, this would require students to take an uncomfortably heavy load of science courses during subsequent years.

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## BIOLOGY

Students interested in pre-medical or other health-related fields requiring MCAT, DAT, VAT, or similar exams in the spring term of their junior year need to take a total of three biology, four chemistry, two physics, and one or two math courses in three years. Thus, they will need 11 science/math courses in six semesters, many of which need to be sequenced in six semesters regardless of the major. To accomplish this goal, students generally need to start at least two science sequences and to take an average of four science courses in their first year of college work.

Prospective majors who wish a fast track or who aim toward graduate school should take, in this order:

BIOL 150 *Cell Biology*

BIOL 190 *Botany* and/or BIOL 220 *Zoology*

Other students interested in science, including biology, should take at least BIOL 150 *Cell Biology*.

Students not interested in majoring in a science discipline or in a pre-health professions track should consider the following Biology courses:

BIOL 101 *Concepts in Biology*

BIOL 102 *Natural History*

BIOL 104 *Environmental Biology*

BIOL 105 *Plants in Human Affairs*

BIOL 106 *Neotropical Biology*

These courses are designed to provide “human-oriented” content and overview appropriate for students who are not likely to take the full core sequence of biology courses. Students are encouraged to take more than one of these if they seek a broader perspective in the area of biology.

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## CHEMICAL PHYSICS

Students interested in chemical physics should take the following courses in the first year:

CHEM 110 *General Chemistry I: Chemical Structure and Properties*  
 CHEM 120 *General Chemistry II: Chemical Analysis and Reactivity*  
 (prerequisite: CHEM 110)  
 MATH 130 *Calculus I*  
 MATH 140 *Calculus II*

These courses prepare students for CHEM 240 *Organic Chemistry I*, PHYS 230 and 240 *General Physics I and II (calculus-based)*, and MATH 260 *Differential Equations*, all of which should be taken during the second year.

The Chemical Physics Major is designed to provide students with a strong background in theoretical physical science and mathematics. It involves interpretation of spectra and provides an understanding of modern models of structure, both necessary for understanding matter at the atomic and molecular level. Majors also study a variety of experimental techniques and become proficient in the communication of scientific information.

The Chemical Physics Major is particularly effective in preparing students for graduate study and careers in engineering, research, and teaching.

There is no Chemical Physics minor. Students receiving the Chemical Physics Major cannot receive a minor or a second major in Physics or Chemistry.

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## CHEMISTRY

Students interested in chemistry should take the following:

CHEM 110 *General Chemistry I: Chemical Structure and Properties*  
 CHEM 120 *General Chemistry II: Chemical Analysis and Reactivity*  
 (prerequisite: CHEM 110).

Students who have scored 4 or 5 on the Chemistry AP exam are eligible to begin in CHEM 120 and, upon completion of the course with a grade of C or better, earn credit for both CHEM 110 and CHEM 120. Most students with a 5 and many with a 4 may wish to do this, but this choice is best made in consultation with a Chemistry Department faculty member.

CHEM 120 is a prerequisite for all subsequent chemistry courses. CHEM 110 and 120 are required by all medical, dental, veterinary, and pharmacy schools. They are also required of biology and physics majors.

Students considering chemistry as a possible major are encouraged to take MATH 130 *Calculus I* and MATH 140 *Calculus II* during the first year in order to prepare

for physics courses in their second year. Physics is a prerequisite for the Physical Chemistry courses, CHEM 310 and CHEM 320, which are usually taken during the third year by chemistry majors.

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## CLASSICS

(See *Foreign Languages: Classics* entry, this section.)

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## COMPUTER SCIENCE

Students interested in computing –whether or not they plan to major/minor in computer science –are invited to take any of three introductory courses.

CSCI 115 *Computing and the Internet* (QS, CW)  
 CSCI 135 *Robotics Explorations Studio* (NS-L)  
 CSCI 150 *Foundations of Computer Science I* (QS, NS)

None of these courses have prerequisites. CSCI 115 and CSCI 135 will not count toward computer science major or minor requirements.

Students interested in majoring in computer science should complete CSCI 150 *Foundations of Computer Science* and MATH 130 *Calculus I* in their first year. Completing CSCI 151 *Data Structures and Object-Oriented Development* in the first year is strongly encouraged.

Students scoring 4 or 5 on the AP Computer Science Exam (A) and those scoring 3 or higher on the AP Computer Science Exam (AB) will receive credit for CSCI 150. Students scoring 4 or 5 on the AP Computer Science Exam (AB) will receive credit for both CSCI 150 and CSCI 151.

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## ECONOMICS AND BUSINESS

Students interested in economics and business should take ECON 100 *Survey of Economic Issues* or BUSI 100 *Contemporary Issues in Business and Entrepreneurship*. They also are encouraged to take either MATH 120 *Functions and Models* or MATH 130 *Calculus I* during their freshman year.

Major courses do not begin until the sophomore year; however, the following courses may be taken with consent of instructor:

BUSI 200 *Fundamentals of Accounting and Business I*  
 BUSI 210 *Fundamentals of Accounting and Business II*

ECON 200 *Principles of Microeconomics*  
 ECON 210 *Principles of Macroeconomics*

ECON 200 and 210 are not a sequenced pair.

## EDUCATION

All course requirements for teacher licensure begin during the freshman year. The licensure program for early childhood education (Pk-4) has been phased out, and no new majors are being accepted. Students interested in seeking secondary teacher licensure are encouraged to complete as many general education requirements (Collegiate Center, Learning Domains, and Capacities) and 100-level education courses as possible during their first year of enrollment.

## ENGLISH

Students who have been recommended for *Writing* as their entry-level course in English should take ENGL 110 *Introduction to Academic Writing*. Both ENGL 110 and ENGL 120 fulfill the Writing Level I (W1) requirement.

Students who have been recommended for an Introduction to Literary Studies course may take any course in the English department listed as “W1” in the *Course Schedule*.

First-year students are strongly encouraged to complete their Writing Level I requirement during their first year at Hendrix. English 200-level literature courses are available only to students in their first or second year at Hendrix.

First-year students are not allowed to enroll in any course in English numbered 300 or above.

## ENVIRONMENTAL STUDIES

See Environmental Studies section in the “Guide to Academic Majors and Minors” section of this *Guide* for appropriate 100- and 200-level coursework.

## FILM STUDIES

See Film Studies section in the “Guide to Academic Majors and Minors” section of this *Guide* for appropriate coursework.

## FOREIGN LANGUAGES

All entering students who have successfully completed two or more years of French, German, Latin, or Spanish in high school are required to take a placement test in that language. A placement test in Ancient Greek can be arranged by contacting the Classics faculty. Placement recommendations based on the test will be distributed to each student’s academic advisor. Unless these recommendations indicate otherwise, students should enroll in the Basic Sequence (French, German, Greek, Latin, or Spanish 110). In Greek, the Basic Sequence is not offered every year and will be offered in 2011-2012 but not in 2012-2013.

No student with two or more years of a language in secondary school may take the Basic Sequence 110 of that language for credit unless placed in 110 by testing. Any student who is placed in 120 and completes that course with a grade of C or higher will automatically receive college credit for 110.

Students who test out of the entire first-year sequence in a foreign language may either:

- 1) receive a waiver of the foreign language requirement and elect to take no further foreign language courses, or
- 2) decide to take the recommended foreign language course and receive one additional course credit as described below.

**French:** A student who tests out of 120 in French must pass FREN 210 with a grade of C or higher to receive credit for FREN 120; FREN 210 (or permission of the instructor) is the prerequisite for all other upper-level French courses.

**German:** A student who tests out of 120 in German must pass GERM 210 with a grade of C or higher to receive credit for GERM 120; GERM 210 (or permission of the instructor) is the prerequisite for all other upper-level German courses.

**Latin:** A student who tests out of 120 in Latin may take LATI 210 and will receive credit for 120 upon passing that course with a grade of C or higher.

**Spanish:** A student who tests out of 120 in Spanish may take any 200-through 400-level course and will receive credit for SPAN 120 upon passing that course with a grade of C or higher.

Students who are interested in majoring or minoring in Classics, French, German, or Spanish should consult the “Guide to Academic Majors and Minors” chapter in this *Guide* as well as the appropriate faculty in the Department of Foreign Languages.

All 200-level CLAS courses are appropriate for first-year students and require no knowledge of Latin or Greek.

Students interested in majoring in Classics should consider taking LATI 110 and LATI 120 during their first year at Hendrix.

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## GENDER STUDIES

Courses which count toward the Gender Studies minor are listed under the Gender Studies entry in the “Guide to Academic Majors and Minors” chapter of this *Guide*. Courses at the 100- and 200-level are generally considered appropriate for first-year students.

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## HISTORY

Both 100- and 200- level courses in history are appropriate for first-year students. We recommend caution in placing sophomores in 300- and 400-level courses without consultation with the instructor beforehand.

The following list, while not exhaustive, provides some examples of courses that beginning students can take:

HIST 125 *Images of Africa: A History*  
 HIST 130 *Colonial African History*  
 HIST 140 *Leisure in America*  
 HIST 169 *Modern Europe*  
 HIST 190 *History and Film*  
 HIST 212 *American Environmental History*  
 HIST 214 *Poverty and Welfare in America*  
 HIST 221 *England to 1688*  
 HIST 225 *Medieval Europe*  
 HIST 243 *The Modern Middle East*  
 HIST 244 *Modern China*  
 HIST 245 *Imperial China*

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## INTERDISCIPLINARY STUDIES

Please see Interdisciplinary Studies entry under the “Guide to Academic Majors and Minors” chapter of this *Guide*.

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## KINESIOLOGY

The Kinesiology major is currently being redesigned, and no new majors are being accepted. Continuing students should consult the *Catalog* under which they are graduating for requirements for the Kinesiology major. New majors will continue to be accepted into the Allied Health program.

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## MATHEMATICS

Students entering Hendrix have four options for a first mathematics course:

MATH 110 *Mathematics in a Global Context*,  
 MATH 115 *Mathematics in Contemporary Issues*,  
 MATH 120 *Functions and Models*, and  
 MATH 130 *Calculus I*.

MATH 130 *Calculus I* (QS, NS) contains standard topics in beginning calculus. It is required for chemistry, computer science, mathematics, and physics majors and recommended for all students considering majors/careers in natural sciences, medicine, or economics.

MATH 120 *Functions and Models* (QS) deals with the elementary functions, graphs, and equations and considers their applications. Its purpose is to provide the necessary background for calculus. Students who do not intend to take calculus should consider other alternatives (MATH 110 and MATH 115).

MATH 110 *Mathematics in a Global Context* (HP, QS) is designed for students with no calculus background. It studies mathematical ideas in historical contexts (e.g. ancient Near East, Greece, China, medieval Islam, Europe) some of which are introduced in LBST 100. It is suitable for students considering a major in humanities or social sciences (except business/economics).

MATH 115 *Mathematics in Contemporary Issues* (CW, QS, SB) studies applications of mathematics in contemporary social contexts. The course does not require heavy use of algebraic techniques. It is suitable for students considering a major in social sciences (except business/economics) or humanities.

The department will recommend one or more of the above courses for each entering student. The department’s recommendation is based on a review of the student’s record and is provided in the student’s permanent folder, on file in the Office of the Registrar. The information in the record is often insufficient for making a recommendation. The guidelines above are given to help the advisor and the student to make a good choice based on the student’s interests and goals.

Students scoring 4 or 5 on the AP Calculus Exam (AB) and those scoring 3 or higher on the AP Calculus Exam (BC) will receive credit for MATH 130 *Calculus I*. Students scoring 4 or 5 on the A.P. Calculus Exam (BC) will receive credit for both MATH 130 *Calculus I* and MATH 140 *Calculus II*.

Special consideration is made for students with transfer credit. A student who studied calculus before enrolling in Hendrix College may receive course credit for *Calculus I* if he or she takes *Calculus II*, with consent of the instructor, and passes it with a grade of “C” or better. Alternatively, a student may receive course credit for MATH 140 *Calculus II* if he or she takes MATH 230 *Multivariable Calculus* or MATH 260

*Differential Equations*, with consent of the instructor, and passes it with a grade of “C” or better. Faculty advisors are urged to direct further questions by the student to mathematics faculty.

Students enrolled in *Calculus I* and who experience unexpected serious difficulties early in the course may be allowed to change back into a lower level mathematics course.

Students enrolled in *Calculus I* and *Calculus II* are advised to obtain a programmable graphing calculator. Any brand or model will do; however, the TI-83 or the TI-86 will be used for classroom demonstrations.

## MUSIC

Students interested in music may take the following:

- MUSI 100 *Music Fundamentals* (introduces and develops music reading skills)
- MUSI 101 *Introduction to Music Studies* (for any student interested in the music major or minor)
- MUSI 150 *Introduction to Western Classical Music* (for all students regardless of background)
- MUSI 180 *Film Music*
- MUSI 201 *Musicianship Skills* (for students with an interest in music as a major or minor; students must successfully complete or test out of MUSI 100 in order to enroll in MUSI 201)
- MUSI 202 *Introduction to Diatonic Harmony and Counterpoint* (Students must successfully complete or test out of MUSI 201 in order to enroll in MUSI 202)
- MUSI 230 *History of Jazz* (for all students regardless of background)
- MUSI 250 *Introduction to Opera* (for all students regardless of background)
- MUSI 260 *Classical and Popular Music since 1900* (for all students regardless of background)
- MUSI 270 *Introduction to World Music* (for all students regardless of background)
- MUSI 280 *Topics in Music* (for all students regardless of background)

Music lessons and ensembles are open to all students. Students cannot pre-register for lessons and ensembles; instead they may enroll in lessons and ensembles only with the permission of the appropriate teacher or director. Permission must be obtained during the first week of classes each semester. Policies and timetables for adding, dropping, and withdrawing from lessons and ensembles are the same as those for all other courses. See the *Catalog* for policies concerning the granting of grades and credit for lessons and ensembles.

Choir and voice lessons .....Dr. Fleming  
 Piano and organ lessons and accompanying .....Dr. Krebs/Dr. Boehm  
 Chamber Orchestra and string lessons .....Dr. Griebing  
 Wind Ensemble (Band) and woodwind, brass, and percussion lessons ..... Dr. Fannin

## PHILOSOPHY

First-year students are welcome to take any 100-level or 200-level philosophy course up to and including PHIL 285 *Ancient Philosophy*. Students should wait until at least the sophomore year to take courses numbered PHIL 295 and above.

## PHYSICS

Students who plan to take only one physics course may take any of the following, based on interest:

- PHYS 110 *Concepts of Space, Time and Reality* (no problem-solving)
- PHYS 135 *Robotics Exploration Studio*
- PHYS 160 *Astronomy* (no problem-solving)
- PHYS 210 *General Physics I (non-Calculus based)*
- PHYS 211 *General Physics* (no lab)
- PHYS 230 *General Physics I (Calculus-based)*  
 (for students who have had or plan to take *Calculus I* concurrently)  
 Both PHYS 210 and PHYS 230 use trigonometry and college algebra extensively.

Students who plan to take two courses in physics may take the following:

- PHYS 210 and 220 *General Physics I and II*  
 (If the student does not plan to take calculus.)
- PHYS 230 and 240 *General Physics I and II (Calculus-based)*  
 (If the student has had or plans to take *Calculus I* and *Calculus II* concurrently. These courses are recommended for students planning to take more courses in the physical sciences.)

Students planning to take more than two physics courses may take the following:

- MATH 130 *Calculus I*
- MATH 140 *Calculus II*
- PHYS 230 and 240 *General Physics I and II (Calculus-based)*

Students who plan to participate in the 3-2 Combined Plan Engineering Program, must take the following courses in their first year:

MATH 130 *Calculus I*  
 MATH 140 *Calculus II*  
 PHYS 230 and 240 *General Physics I and II (Calculus-based)*

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## POLITICS AND INTERNATIONAL RELATIONS

The Politics and International Relations Department encourages students interested in pursuing a major or minor in the discipline to take POLI 100 *Issues in Politics* during their first year. All other Politics courses at the 100- or 200-level are also appropriate for first-year students from the time of their arrival at the College.

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## PSYCHOLOGY

Students with little or no background in psychology should take PSYC 110 *Introduction to Psychology*.

Students who have had a year-long course in psychology while in high school may wish to skip *Introduction to Psychology* and take either PSYC 210 *Developmental Psychology*, PSYC 230 *Social Psychology*, or PSYC 285 *Cross-cultural Psychology*. Ordinarily, first-year students should not enroll in PSYC 290 *Statistics*, PSYC 295 *Research Methods*, or PSYC 260 *Human Sexuality*.

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## RELIGIOUS STUDIES

First-year students are encouraged to take 100-level courses, and they are permitted to take 200-level courses at the discretion of their academic advisors.

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## SOCIOLOGY/ANTHROPOLOGY

Students interested in sociology/anthropology may take the following:

SOCI 110 *Introduction to Sociology*  
 ANTH 100 *Introduction to Cultural Anthropology*  
 ANTH 102 *Introduction to Archaeology and Physical Anthropology*  
 And any 200- and 300- level sociology or anthropology course without listed prerequisites.

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## THEATRE ARTS AND DANCE

Students interested in Theatre Arts may take the following:

DANC 160 *Reading and Writing Dance*  
 TART 100 *Introduction to Theatre*  
 TART 110 *The Art of Public Speaking*  
 TART 120 *Voice, Articulation, and Text Reading*  
 TART 130 *Shakespeare and Performance*  
 TART 140 *Beginning Acting*  
 TART 150 *Stage Movement and the Alexander Technique*  
 TART 220 *Theatre Practicum*  
 TART 260 *Theatre Production: Scenery and Lighting*  
 TART 280 *Theatre Production: Costume and Makeup*  
 TARA A30 *Dance Ensemble*





# GUIDE TO ACADEMIC MAJORS AND MINORS

## ACCOUNTING

(See *Economics and Business* entry, this section.)

## AFRICANA STUDIES

### Minor

Students wishing to minor in Africana Studies will complete six of the following courses, at least two of which must be at the 300-level or above:

- Two of the following African history courses:
  - HIST 250 *History of Southern Africa*
  - HIST 251 *History of Central Africa*
  - HIST 252 *History of East Africa*
  - HIST 253 *History of West Africa*
- One of the following African diasporan history courses:
  - HIST 290 *African American History to 1865*
  - HIST 295 *African American History since 1865*
  - HIST 325 *Africa and the Americas*
- Two literature or cultural courses from the following list:
  - ENGL 358 *African Film*
  - ENGL 245 *African Novel*
  - ENGL 250 *Women and African Literature*
  - ENGL 361 *The Black Writer*
  - ENGL 455 *Chinua Achebe and Wole Soyinka*
  - RELI 360 *African American Religions*
- One elective from the catalog's Africana Studies list of courses, not already taken to fulfill requirements 1 through 4.

#### Notes:

Study abroad courses and independent studies, if applicable and approved by the Africana Studies Program Committee, could also be used to substitute for courses listed in sections 3, 4 and 5.

English majors and History majors may double-count only one course from their major toward the Africana Studies minor.

**COURSE PLANNING:**

The ideal pattern for fulfilling the requirements of the Africana Studies minor is as follows:

**First or Second Year:**

Two of the following courses:

- HIST 250 *History of Southern Africa*
- HIST 251 *History of Central Africa*
- HIST 252 *History of East Africa*
- HIST 253 *History of West Africa*

**Second or Third Year:**

- One course in African diasporan history (part 3 of the requirements for the minor)
- One literature or cultural course (part 4 of the requirements for the minor)

**Third or Fourth Year:**

- A second literature or cultural course (part 4 of the requirements for the minor)
- One elective from the list of Africana Studies course offerings

Students who wish to substitute relevant courses studied abroad or Hendrix independent studies to fulfill any requirements for the minor should submit a written request to the Africana Studies Program Committee.

## ALLIED HEALTH

The Allied Health major utilizes an interdisciplinary approach to provide strong undergraduate preparation in health sciences. The program provides a thorough understanding of the human body by including a comprehensive array of courses and laboratory experiences while emphasizing health, fitness, and wellness. The Allied Health major effectively prepares students for professional programs in physical and occupational therapy, nursing, physician assistant, preventive health or graduate programs in kinesiology.

### Major

Thirteen (13) courses as follows:

- Core Courses (10)
  - BIOL 150 *Cell Biology*
  - CHEM 110 *General Chemistry I*
  - CHEM 120 *General Chemistry II*
  - KINE 205 *Anatomy and Physiology I*

- KINE 210 *Anatomy and Physiology II*
- KINE 330 *Structural Kinesiology*
- KINE 360 *Physiology of Exercise*
- KINE 370 *Fitness Assessment and Exercise Prescription*
- KINE 410 *Directed Research*
- PSYC 210 *Developmental Psychology*
- PSYC 290 *Statistics*

- Emphasis: Select two courses from one of the areas below:

Preparatory to Physical/Occupational Therapy

- PHYS 210 *General Physics I*
- PHYS 220 *General Physics II*
- PSYC 360 *Behavioral Neuroscience*

Preparatory to Physician Assistant

- BIOL 250 *Genetics*
- BIOL 340 *Microbiology*
- BIOL 430 *Immunology*
- CHEM 240 *Organic Chemistry I*

Preparatory to Nursing

- BIOL 250 *Genetics*
- BIOL 340 *Microbiology*
- CHEM 240 *Organic Chemistry I*
- KINE 260 *Nutrition*
- TART 110 *The Art of Public Speaking*

Suggested electives for the major include:

- PHIL 225 *Ethics in Medicine*
- PSYC 295 *Research Methods*
- PSYC 360 *Behavioral Neuroscience*
- PSYC 385 *Abnormal Psychology*
- TART 110 *The Art of Public Speaking*

**COURSE PLANNING:****First Year**

- BIOL 150 *Cell Biology*
- CHEM 110 *General Chemistry I*
- CHEM 120 *General Chemistry II*

**Second Year**

- KINE 205 *Anatomy and Physiology I*
- KINE 210 *Anatomy and Physiology II*
- PSYC 210 *Developmental Psychology*

PSYC 290 *Statistics*  
Course from emphasis area

### Third Year

KINE 330 *Structural Kinesiology*  
KINE 360 *Physiology of Exercise*  
Course from emphasis area

### Fourth Year

KINE 370 *Fitness Assessment and Exercise Prescription*  
KINE 410 *Directed Research*  
Course from emphasis area

We will be unable to offer KINE 330 *Structural Kinesiology* in the 2011-2012 academic year. Students who need this course to graduate can replace it with KINE 210 *Anatomy and Physiology II*.

Allied Health majors planning to complete an internship must meet guidelines established by Career Services. Students will not receive course credits for internships except when the internship is part of the Senior Capstone Experience. Also, those who take coursework away from Hendrix, including foreign study, should confer with the Allied Health faculty before such study is undertaken.

### SENIOR CAPSTONE EXPERIENCE

The Senior Capstone Experience for Allied Health majors includes the completion of a paper based on an internship or independent research project. This work will be presented and defended orally in KINE 410 *Directed Research*. The grade for the Senior Capstone Experience is an average of the grade in KINE 410 and the grade on the student's senior project.

## AMERICAN STUDIES

The American Studies program provides an integrated and interdisciplinary approach to the study of U.S. history and culture. As such, it embodies the liberal arts aim of providing a breadth of knowledge to prepare students to be educated and inquisitive citizens of this dynamic and polysemic entity we call the United States. Course requirements ensure that students will (a) gain a variety of academic perspectives on American culture; (b) place American culture in some global context; (c) examine what 'American Studies' is; and (d) have the opportunity to pursue a specific area of interest, such as African American Studies or Southern Studies, within the larger field.

Students are strongly encouraged to pursue experiential learning opportunities both in the United States and abroad.

### Major

Thirteen courses distributed as follows:

- 10 courses from the American Studies list of courses
- 1 course on a non-U.S. culture (requires advisor approval)
- 1 AMST 401 *Seminar in American Studies*
- 1 methodology course from the following list:
  - ANTH 300 *Ethnographic Methods*
  - ENGL 280 *Literary Analysis*
  - HIST 300 *Historiography*
  - POLI 400 *Research Methods*
  - RELI 395 *Theories and Research in Religion*
  - SOCI 335 *Sociological Research Methods*
- No more than three of the courses for the major can be taken in any one department.
- Students must either take AMST 115 *Introduction to American Studies* or take two "linked" courses in fulfillment of the introduction to American Studies Experience requirement (described below).
- At least three of the courses should be 200-level, and at least four should be 300- or 400-level, including AMST 401 *Seminar in American Studies*.
- At least one of the courses should emphasize pre-1900 content. In the list of American Studies courses, such courses are designated with an asterisk.
- Students are encouraged to direct course selection and semester projects toward their own interests (such as "the South," "African American culture," or "Women in America") so that their work will truly culminate with the capstone seminar project.
- If a student double-majors in American Studies AND one of the participating areas, the student must fulfill the American Studies requirement from outside the other major. So a History-American Studies double major cannot count History courses toward the American Studies major.
- If a student majors in American Studies and minors in one of the participating American Studies areas, the student must fulfill the American Studies requirements from outside the minor area.

### Minor

Six courses distributed as follows:

- 1 course from the American Studies course list of English courses;
- 1 course from the American Studies course list of History courses;
- 1 course from the American Studies course list of Politics and International Relations courses;
- 1 course from the American Studies course list of Anthropology and Sociology, and Religious Studies and Philosophy courses;
- 2 additional approved courses from the course list below.
- Students must either taken AMST 115 *Introduction to American Studies* or

take two “linked” courses in fulfillment of the Introduction to American Studies Experience requirement (described below)

- At least three of the six courses should be 300- or 400-level courses.
- At least one of the courses should emphasize pre-1900 content. In the list of American Studies courses, such courses are designated with an asterisk.
- If an American Studies minor is majoring in one of the participating areas, the student must fulfill the American Studies minor course requirements from outside the major department.

#### Explanation of the “Linked” Courses Option for Introduction to American Studies”

- Two courses from participating disciplines “linked” together and taken during the same semester. The courses will share some material and texts, though certainly not all. So, as examples, American Political Thought course might be linked with History of American Religion, and American Literature and the Environment might be linked with Environmental Sociology.
- Periodically, as determined by the responsible faculty, the students will attend a joint class period devoted to readings and discussions of the larger issues: *What is American Studies? What is the subject? What is the methodology? How successfully do these linked courses “do” American Studies?*
- The link should be taken during the sophomore year. This “course” will give students the methodological foundations in the field as they pursue their upper level disciplinary courses, and it will introduce them to the theory and practice of American cultural studies.

This year’s two sets of linked courses are HIST 140 *Leisure in America* and SOCI 255 *Gender in Film and Television* in the fall; and ENGL 275 *American Literature and the Environment* and HIST 212 *American Environmental History* in the spring.

#### SENIOR CAPSTONE EXPERIENCE:

AMST 401 *Seminar in American Studies (W2)*

Students will research a project of their own choosing, but will meet regularly with one another and a faculty member to discuss their progress and methodological issues, to present their work and receive feedback, and to foster their identity as members of a particular academic community as well as their appreciation of the nature of that community. The primary goal for the course is to ensure the students understand, appreciate, and can apply American Studies methodologies. It will also provide an excellent opportunity for students to revisit the question, What is American Studies?

## ANTHROPOLOGY

### Major

Students may major in Sociology/Anthropology with an emphasis in Anthropology. Requirements for this major and suggestions for course planning are listed under Sociology/Anthropology in this section of the *Guide*.

### Minor

Six courses in Anthropology are required including ANTH 365 *Anthropological Theory* and at least two additional Anthropology courses numbered 300 or above.

## ART

### Major

- ARTS 100 *Freehand Drawing*
  - ARTH 170 *Western Art History Survey I: Prehistory through Medieval*  
or  
ARTH 171 *Western Art History Survey II: Renaissance through 20th Century*
  - ARTH 430 *Practicum: Professional Development*
  - ARTS 497 *Practicum - Studio Art*
  - Three-course sequence in studio courses
  - Two-course sequence in studio courses
  - One additional art history course beyond the Survey level
  - One additional studio class
- (At least one studio course must be taken in 3-D and one in 2-D.)

### Minor

#### Studio Art:

- ARTS 100 *Freehand Drawing*
- ARTH 170 *Western Art History Survey I: Prehistory through Medieval*  
or  
ARTH 171 *Western Art History Survey II: Renaissance through 20<sup>th</sup> Century*
- Two-course sequence in studio courses
- Two additional studio courses

**Art History:**

- ARTS 100 *Freehand Drawing*
- ARTH 170 *Western Art History Survey I: Prehistory through Medieval*
- ARTH 171 *Western Art History Survey II: Renaissance through 20<sup>th</sup> Century*
- One additional art history course at 300- or 400-level
- Two additional art history courses

**COURSE PLANNING:**

Below is a typical pattern for fulfilling requirements of the studio art major. This is an example of how a student may meet the minimum requirements for a major in art and should not be taken as a prescribed course of study.

	Fall	Spring
<b>First Year</b>	ARTS 100 <i>Freehand Drawing</i>	ARTH 170 <i>Western Art History Survey I</i>
<b>Second Year</b>	200-level studio Art history	200-level studio
<b>Third Year</b>	300-level studio Art history	300-level studio
<b>Fourth Year</b>	ARTS 497 <i>Practicum</i> ARTH 430 <i>Practicum: Professional Development</i>	

**SENIOR CAPSTONE EXPERIENCE:**

The Senior Capstone Experience for the studio art major consists of: a senior thesis, successful participation in the Juried Senior Art Show, a final critique, a professional portfolio and service to the department gallery program.

**ASIAN STUDIES**

**Minor**

Track One (with language)

Six courses as follows:

- Two courses in an Asian language  
 CHIN 110 *Beginning Chinese I*  
 CHIN 120 *Beginning Chinese II*  
 CHIN 130 *Advanced Beginning Chinese I*  
 CHIN 140 *Advanced Beginning Chinese II*  
 or

the equivalent of two semesters of Asian language study approved by the program chairs

- Two courses in the humanities  
 ENGL 397 *Vietnam in the Literary Imagination*  
 PHIL 250 *Philosophies of India*  
 PHIL 260 *Philosophies of China and Japan*  
 RELI 111 *Asian Religions: An Introduction*  
 RELI 222 *Chinese Religions*  
 RELI 223 *An Introduction to Hinduism*  
 RELI 225 *An Introduction to Buddhism*  
 RELI 334 *Buddhist Saints*  
 RELI 337 *Contemporary Buddhist Thought*  
 RELI 338 *Tibetan Buddhist Culture*  
 RELI 410 *Topics in Asian Religion*
- Two courses in the social sciences  
 HIST 180 *History in Two Keys: Theater and Film in Modern China*  
 HIST 244 *Modern China*  
 HIST 245 *Imperial China, 1000-1900*  
 HIST 285 *20th Century East Asian-American Relations*  
 HIST 303 *Shanghai: The City in Late Imperial and Modern China*  
 HIST 304 *Mao and the Chinese Revolution*  
 HIST 305 *Law and Society in Late Imperial China*

Track Two (without language)

Six courses distributed as follows:

- Three courses in the humanities (as listed in Track One)
- Three courses in the social sciences (as listed in Track One)

At least three courses must be taken at the 300-level or above.

While there is no particular route one must take to complete all the requirements for this minor, one should generally proceed from the lower-level courses to the higher-level ones.

## BIOCHEMISTRY/MOLECULAR BIOLOGY

### Major

Fourteen courses distributed as follows:

- BIOL 150 *Cell Biology* (introductory-level course)
- BIOL 250 *Genetics*
- BIOL 450 *Advanced Cell Biology*
- or
- BIOL 470 *Advanced Genetics*
- CHEM 110 *General Chemistry I*
- CHEM 120 *General Chemistry II*
- CHEM 240 *Organic Chemistry I*
- CHEM 250 *Organic Chemistry II*
- CHEM 320 *Thermodynamics and Chemical Kinetics*
- CHEM 330 *Biological Chemistry*
- CHEM 335 *Advanced Biological Chemistry*
- MATH 120 *Calculus I*
- MATH 140 *Calculus II*
- PHYS 210 *General Physics I*
- or
- PHYS 230 *General Physics I (Calculus-based)*
- one elective from
  - BIOL 310 *Developmental Biology*
  - BIOL 320 *Animal Physiology*
  - BIOL 325 *Cellular and Molecular Neuroscience*
  - BIOL 340 *Microbiology*
  - BIOL 370 *Plant Physiology*
  - BIOL 430 *Immunology*
  - BIOL 450 *Advanced Cell Biology*
  - BIOL 460 *Evolution*
  - BIOL 470 *Molecular Genetics*
  - CHEM 430 *Integrated Biochemical Topics*

BCMB majors are required to complete an independent research project.

BCMB majors may not earn a minor or second major in either chemistry or biology.

### Minor

There are currently no plans for a BCMB minor. Students wishing to emphasize this material, but not as a major, should select their minor from either Chemistry or Biology.

#### COURSE PLANNING:

**First-year planning:** Successful completion of the Biochemistry and Molecular Biology (BCMB) major will require careful planning and adherence to a relatively tight schedule of courses. BCMB majors will need to take at least 3 science/mathematics courses per year. Furthermore, 100- and 200-level courses offered by a given department are sequenced and must be taken in numerical order. For example, CHEM 110 *General Chemistry I* must be taken before CHEM 120 *General Chemistry II*, but students may take BIOL 150 *Cell Biology* prior to taking CHEM 120 *General Chemistry II*.

- a. Students planning a BCMB major should take the General Chemistry sequence (CHEM 110 and 120) their first year. They should also take BIOL 150 *Cell Biology* and/or the appropriate Mathematics course during the first year.
- b. Other students who wish to explore the BCMB major but who also want or need more time to check out other majors should take CHEM 110 and 120, and either Cell Biology or the appropriate Mathematics course their first year. Although it would be possible to complete the major if CHEM 110 and 120 are not taken until the second year, this would require students to take an uncomfortably heavy load of science courses during subsequent years.

**Upper-level planning:** Second year students should take CHEM 240 *Organic Chemistry I* and CHEM 250 *Organic Chemistry II*, finish the Mathematics requirement if not completed the first year and take the next sequential Biology course. Whether to take more biology or chemistry first will depend on the interests of the student and the type of research they hope to undertake in the future.

- a. **Undergraduate Research** is a key component of the BCMB major. All students must earn research credit for work done during one summer in a full time research project, or for work done part-time during two semesters during the academic year. Students should plan on being involved in research as early and as often as possible. Second-year students will generally not be ready to earn research credit, but they can volunteer to help in projects and start preparing for undertaking their own projects. Ideally, by the end of their junior year, students will have been involved in research in some way. **All research for credit must be approved by the BCMB core faculty prior to the start of the research project.**
- b. Students should also begin planning as early as possible for the type of **graduate or professional programs** they wish to enter after graduating from Hendrix because some programs will have prerequisites beyond those courses which

make up the major. Early planning is also crucial for students who plan to **study abroad**. Due to the highly structured nature of the major, and the time required to complete the Research requirement, students will need to be well ahead of schedule prior to the study abroad experience, or attend a foreign school which allows them to take courses that will count towards the major.

- c. **BCMB Journal Club.** All BCMB majors are strongly encouraged to attend the BCMB Journal Club. This group meets on a weekly basis to discuss current research in the field. We feel that attendance and participation demonstrates genuine interest in the field, provides important insight into how modern research is done, and helps keep faculty and students abreast of the rapid developments in this dynamic discipline.

#### SENIOR CAPSTONE EXPERIENCE:

The Senior Capstone Experience will consist of a comprehensive examination (the Biochemistry, Cell and Molecular Biology Graduate Record Examination), the submission of a research paper based on the student's research, and participation in the BCMB Senior Seminar course which includes an oral presentation of the student's research. The research paper and oral presentation will be assessed by members of the BCMB faculty.

## BIOLOGY

### Major

Students majoring in Biology must take BIOL 150 *Cell Biology*, BIOL 190 *Botany*, BIOL 220 *Zoology*, BIOL 250 *Genetics*, BIOL 365 *Ecology and Evolution*, BIOL 497 *Biology Seminar*; four biology elective courses, and two laboratory courses in chemistry.

### Minor

Students who wish to earn a minor in biology will need to complete any five biology courses numbered 150 or above. The Biology Department highly recommends that students pursuing a biology minor take at least CHEM 110 *General Chemistry I* and CHEM 120 *General Chemistry II*.

#### COURSE PLANNING:

- I. **First-year planning:** The minimum science load suggested for the first year would be three science/math courses, since a student will need a total of about 16 courses by graduation (an average of 4/year) in order to be well-prepared for graduate and professional school programs or for employment. It is recommended that any science sequence designated I and II be taken sequentially within one academic year.

- A. First-year students who are prospective majors should take in this order:

BIOL 150 *Cell Biology*  
BIOL 190 *Botany*

It is strongly recommended that these students also take CHEM 110 *General Chemistry I* and CHEM 120 *General Chemistry II* in their first year and MATH 120 *Functions and Models* or MATH 130 *Calculus I*, based on the recommendation of the Math Department. Five science/math courses in a given year should be considered a maximal science load. Students experiencing difficulty in the first semester should reconsider the load before starting the next semester.

- B. Other first-year students interested in biology as a possible major, but wanting or needing a slower start should take at least BIOL 150 *Cell Biology*. It is highly recommended that these students consider taking either Chemistry I and II or a mathematics course (Functions and Models or Calculus I) during this first year.

- II. **Upper-level planning:** All biology majors should take mathematics through Calculus I (preferably through Calculus II), Chemistry through Organic II (preferably through Biochemistry), and physics through General Physics II in order to keep graduate school, professional school, and employment options open. The Biology "core" curriculum is designed so that five required courses (Cell Biology, Botany, Zoology, Genetics, and Ecology and Evolution) will provide an overview of biology allowing a student to then "specialize" by choosing four electives that best fit the student's needs. We encourage students to plan early if they want to study abroad or perform Independent Research. This planning will often entail increasing science course loads to ensure adequate course background for research or to compensate for the fact that science courses may not be available in study abroad programs.

We advise students taking courses off-campus to consult a biology faculty member about the selection of those courses. We encourage students to attend Hendrix Biological Society meetings, departmental informational meetings, departmental seminars and other special events.

Students planning to certify to teach biology should contact their major advisors and the Education Department for a list of courses required within the major and by the professional societies for licensure.

The following are general guidelines for courses required by many graduate and professional schools. It is recommended that students refer often to this *Guide to Academic Planning* and work closely with their academic advisors to ensure adequate course preparation for specific post-graduate programs.

**Medical School, Dental School, and Veterinary medicine**

1. Preparation for qualifying examinations (MCAT, DAT, VCAT) is best achieved by completing at least BIOL 150, BIOL 250 and BIOL 320.
2. Two courses in General Chemistry and two courses in Organic Chemistry
3. At least one course in Mathematics
4. Two courses in Physics
5. Two to three courses in English

**Graduate Schools**

Many graduate schools in biology expect:

1. Two years of Biology
2. Two years of Chemistry through Organic Chemistry
3. One year of Physics
4. At least one Calculus course
5. At least one Statistics course
6. Competency in a foreign language

Experience with experimental design (such as through independent research), and in some cases, computer programming is highly desirable. Most graduate schools require a reading knowledge in at least one foreign language and/or basic programming skills.

**SENIOR CAPSTONE EXPERIENCE:**

The Senior Capstone Experience for the biology major consists of a comprehensive examination and participation in the Senior Seminar course. The comprehensive examination is the standardized Major Field Test (MFT), or the Graduate Record Examination (GRE) in biology. BIOL 497 *Senior Seminar* is a one semester, non-credit course that meets weekly. During the course each senior presents a formal seminar. The grade for the Senior Capstone Experience is based on both the standardized test score and the Senior Seminar grade.

**CHEMICAL PHYSICS**

The Chemical Physics Major is designed to provide the students with a strong background in theoretical physical science and mathematics. It involves interpretation of spectra and provides an understanding of modern models of structure, both necessary for understanding matter at the atomic and molecular level. Majors also study a variety of experimental techniques and become proficient in the communication of scientific information.

The Chemical Physics major is particularly effective in preparing students for graduate study and careers in engineering, research, and teaching.

There is no Chemical Physics minor. Students receiving the Chemical Physics Major cannot receive a minor or a second major in Physics or Chemistry.

**Major****Mathematics (3 courses):**

- MATH 130 *Calculus I*
- MATH 140 *Calculus II*
- MATH 260 *Differential Equations*

**Physics (4 courses):**

- PHYS 230 *General Physics I (Calculus-based)*
- PHYS 240 *General Physics II (Calculus-based)*
- PHYS 305 *Vibrations and Waves*
- PHYS 330 *Quantum Mechanics*

**Chemistry (4 courses):**

- CHEM 110 *General Chemistry I*
- CHEM 120 *General Chemistry II*
- CHEM 240 *Organic Chemistry I*
- CHEM 310 *Physical Chemistry: Quantum Mechanics and Spectroscopy*

**Electives (3 courses):**

- CHEM 320 *Physical Chemistry: Thermodynamics and Chemical Kinetics*

or

PHYS 370 *Thermal Physics*

- Two courses from:

CHEM 340 *Advanced Inorganic Chemistry*  
 CHEM 350 *Advanced Analytical Chemistry*  
 PHYS 320 *Electrodynamics*  
 PHYS 340 *Electronics*

**COURSE PLANNING:**

Successful completion of the requirements for the Chemical Physics Major will require careful planning and conscientious adherence to a rigorous schedule. Many courses are sequential and have prerequisites, sometimes from different departments, and must be scheduled accordingly. Postponing a course could preclude finishing the required curriculum in four years.

First- and second-year planning: CHEM 110 and 120 *General Chemistry I and II* should be taken the first year. These are prerequisites for CHEM 240 *Organic Chemistry I* which should be taken the second year. MATH 130 and 140 *Calculus I and II* should also be taken the first year in order to be prepared for PHYS 230 and 240 *Physics I and II (calculus-based)* in year two. MATH 260 *Differential Equations* is also strongly recommended for the second year.

In the third year, CHEM 310 *Physical Chemistry: Quantum Mechanics and Spectroscopy*, PHYS 305 *Vibrations and Waves*, as well as two of the elective courses should be taken.



This will leave PHYS 330 *Quantum Mechanics* and two more electives, as well as the Senior Capstone Experience for the fourth year. The Physics Senior Capstone consists of a comprehensive examination and an oral presentation of a research project or independent study. The Chemistry Senior Capstone is also a two-part requirement: a comprehensive standardized chemistry exam, and an oral presentation of a literature-based research paper written under the direct supervision of a faculty member.

#### SUMMARY

Year 1 (4 courses): CHEM 110, CHEM 120, MATH 130, MATH 140

Year 2 (4 courses): PHYS 230, PHYS 240, CHEM 240, MATH 260

Year 3 (3 or 4 courses): CHEM 310, PHYS 305, one or two electives (CHEM 320 or PHYS 370 and possibly one other course),

Year 4 (2 or 3 courses): PHYS 330, one or two electives, Senior Capstone Experience

#### SENIOR CAPSTONE EXPERIENCE:

The Senior Capstone Experience in either chemistry or physics is sufficient.

## CHEMISTRY

The course of study in the Chemistry Department is designed to help students become effective scientists: creators of new knowledge, rather than just passive acceptors of information. Chemistry majors leave Hendrix prepared to begin technical careers or to continue on to the profession of chemistry through graduate study. Chemistry is a typical gateway major to the fields of medicine, dentistry, pharmacy, veterinary medicine, environmental science, and engineering.

Courses and laboratories are designed to enable students to learn science by doing real science, including opportunities for team projects, independent learning, peer teaching, scientific writing, and hands-on laboratory activities without prescribed results. In keeping with this philosophy, all Chemistry majors are encouraged to engage in original laboratory research while at Hendrix.

### Major

Requirements for the major are:

- CHEM 110 *General Chemistry I: Chemical Structure and Properties*
- CHEM 120 *General Chemistry II: Chemical Analysis and Reactivity*
- CHEM 240 *Organic Chemistry I*
- CHEM 250 *Organic Chemistry II*
- CHEM 280 *Environmental Analysis*

or

BIOL 150 *Cell Biology*

- CHEM 310 *Physical Chemistry: Quantum Mechanics and Spectroscopy*
- CHEM 320 *Physical Chemistry: Thermodynamics and Chemical Kinetics*
- CHEM 340 *Advanced Inorganic Chemistry*
- One course from  
CHEM 330 *Biological Chemistry*  
CHEM 350 *Advanced Analytical Chemistry*, or  
CHEM 410 *Advanced Physical Chemistry*
- CHEM ATC *Advanced Techniques in Experimental Chemistry* (two semesters)
- CHEM 497 *Seminar* (two semesters)
- MATH 130 and 140 *Calculus I and II*
- PHYS 230 and 240 *General Physics I and II (Calculus-based)* (recommended)  
or  
PHYS 210 and 220 *General Physics I and II*

#### Requirements for the American Chemical Society Certified Degree in Chemistry are:

Requirements for the Chemistry Major as well as

- CHEM 280 *Environmental Analysis*
- CHEM 330 *Biological Chemistry*
- CHEM 450 *Directed Research*
- one additional course from  
CHEM 335 *Advanced Biological Chemistry*  
CHEM 350 *Advanced Analytical Chemistry*  
CHEM 410 *Advanced Physical Chemistry*

### Minor

Requirements for the Chemistry minor are:

- CHEM 110 *General Chemistry I: Chemical Structure and Properties*
- CHEM 120 *General Chemistry II: Chemical Analysis and Reactivity*
- CHEM 240 *Organic Chemistry I*
- Three additional courses in Chemistry numbered above 240

#### COURSE PLANNING:

- CHEM 110 and 120 should be taken in the first year, although these courses can be taken in the second year and still allow time to complete the major.

- Calculus I and II should be completed during the first year, and Physics I and II during the second year under normal circumstances.
- CHEM 240 and 250 are usually taken in the sophomore year.
- CHEM 310 and 320 are usually taken in the junior year along with the ATEC laboratory (two afternoons per week, both semesters). Prerequisites are CHEM 250 *Organic Chemistry II*, MATH 140 *Calculus II*, and *General Physics II* (PHYS 240 is recommended over PHYS 220).
- CHEM 340 is usually taken in the senior year.
- One of the following courses is also required: CHEM 330 *Biological Chemistry*, CHEM 350 *Advanced Analytical Chemistry*, CHEM 410 *Advanced Physical Chemistry*.
- Chemistry majors must take CHEM 280 *Environmental Analysis* or BIOL 150 *Cell Biology*. Pre-health science students will need more biology courses, and should confer with their advisor or an appropriate faculty member for ideas on proper courses and their sequencing.

#### Four-Year Course Schedule for the Chemistry Major

A typical sequence of required courses for a four-year chemistry major appears below. A number of variations are possible. CHEM 280 should be taken during the second or third year; students who choose to take BIOL 150 instead should take it during the first two years.

	FALL	SPRING
First year	CHEM 110, MATH 130	CHEM 120, MATH 140
Second Year	CHEM 240, PHYS 210 or 230	CHEM 250, PHYS 220 or 240
Third Year	CHEM 310 with CHEM ATC, CHEM 330 <i>or</i>	CHEM 320 with CHEM ATC, CHEM 350
Fourth Year	CHEM 340, CHEM 497	CHEM 497

#### Compressed Three-Year Course Schedule for the Chemistry Major

One possible sequence of required courses for a three-year chemistry major appears below. This sequence is common for students starting the major in their second year or interrupting their Hendrix studies to study abroad. A number of variations are possible. CHEM 280 *Environmental Analysis* should be taken during the second or third year; students who choose to take BIOL 150 *Cell Biology* instead should take that sometime during the first two years.

	FALL	SPRING
First year	CHEM 110, MATH 130	CHEM 120, MATH 140
Second Year	CHEM 240, PHYS 210 or 230	CHEM 250, PHYS 220 or 240

Third Year	CHEM 310 with CHEM ATC, CHEM 330 <i>or</i> CHEM 340, CHEM 497	CHEM 320 with CHEM ATC, CHEM 350 CHEM 497
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#### Four-Year Course Schedule for the American Chemical Society Certified Degree

A typical sequence of required courses for a four-year chemistry major certified by the American Chemical Society appears below. A number of variations are possible so there is flexibility in the placement of some courses.

Along with the required coursework laid out below, students must choose one additional advanced course:

CHEM 335 *Advanced Biological Chemistry*  
CHEM 350 *Advanced Analytical Chemistry*  
CHEM 410 *Advanced Physical Chemistry*

	FALL	SPRING
First year	CHEM 110, MATH 130	CHEM 120, MATH 140
Second Year	CHEM 240, PHYS 210 or 230	CHEM 250, PHYS 220 or 240, CHEM 280
Third Year	CHEM 310 with CHEM ATC, CHEM 330	CHEM 320 with CHEM ATC,
Fourth Year	CHEM 340 CHEM 497	CHEM 450 CHEM 497

#### SENIOR CAPSTONE EXPERIENCE:

The Senior Capstone Experience is intended to consolidate the student's development into an effective scientist through integration of chemistry knowledge and practice in finding, evaluating, and synthesizing information into new understanding. The Chemistry Capstone consists of two parts. The first part is a comprehensive standardized chemistry exam. The second part is the composition of a literature-based research paper written under the direction of a faculty member, and delivery of an oral presentation based on that paper. The grade for the Senior Capstone Experience is the average of grades based on the two parts of the experience.

## CLASSICS

(See Foreign Languages: Classics entry, this section.)

## COMPUTER SCIENCE

There are two majors in the Department of Mathematics and Computer Science, a major in mathematics and a major in computer science. The information in this section refers only to the computer science major and minor.

### Major

The major in computer science consists of 12 courses distributed as follows:

- CSCI 150 *Foundations of Computer Science*
- CSCI 151 *Data Structures and Object-Oriented Development*
- MATH 130 *Calculus I*
- MATH 240 *Discrete Mathematics*
- CSCI 230 *Computing Systems Organization*
- CSCI 250 *Scalable Software Design and Development*
- CSCI 280 *Algorithms and Problem-Solving Paradigms*
- CSCI 330 *Computer Architecture*
- or
- CSCI 420 *Operating Systems and Concurrent Computing*
- One course chosen from the following:
  - CSCI 380 *Theory of Computation*
  - CSCI 385 *Scientific Computing*
  - MATH 340 *Combinatorics*
- CSCI 410 *Technical Communication and Analysis*
- Two additional CSCI courses numbered 300 or above

Each senior computer science major must also enroll in the year-long CSCI 497 *Senior Seminar*

### Minor

The minor in computer science consists of 6 courses

- MATH 130 *Calculus I*
- CSCI 150 *Foundations of Computer Science*
- CSCI 151 *Data Structures and Object-Oriented Development*
- any CSCI course numbered 200 or above
- or
- MATH 240 *Discrete Mathematics*
- any additional CSCI course numbered 200 or above
- any additional CSCI course numbered 300 or above

### COURSE PLANNING:

Students not planning to major or minor in computer science are welcome and encouraged to take CSCI 150 to learn about computer programming. A solid foundation in high school mathematics is advisable.

Students planning to minor in computer science should complete CSCI 150 no later than the fall semester of their third year, with CSCI 151 and MATH 130 completed by the spring semester of that same year. This combination enables a reasonable selection of upper-level electives in the following year.

Students considering a major in computer science should complete CSCI 150 and MATH 130 by the end of their first year; completing CSCI 151 also in the first year is strongly recommended. Though starting with CSCI 150 in the second year is possible, it makes completing the major within four years difficult.

In the second year, students planning to major in computer science should complete CSCI 230 and MATH 240 in the fall semester. Those who have not yet taken CSCI 151 should complete that course in the spring semester; those who have already completed it should take CSCI 250 in the spring semester. Students may also consider enrolling in a 300-level spring semester elective for which they have completed the prerequisites.

### SENIOR CAPSTONE EXPERIENCE:

The Senior Capstone Experience for majors in computer science consists of a year-long undergraduate research project and active participation in CSCI 497 *Senior Seminar*.

## ECONOMICS AND BUSINESS

### Major

The Department of Economics and Business offers:

- 1) A major in Economics and Business
- 2) A major in Economics
- 3) A major in Accounting
- 4) A minor in Business
- 5) A minor in Economics
- 6) A minor in Accounting
- 7) A minor in International Business
- 8) A Master of Arts in Accounting

Students are not allowed to earn a double major solely in the Department. Students who major in Economics and Business, Economics, or Accounting may not minor in Business, Economics, or Accounting, but may minor in International Business. If a student majoring in the Department also chooses to minor in International Business, that student may not double count courses in categories (C) and (D) of the International Business minor for satisfaction of major requirements.

Course requirements for each major and minor are as follows:

**1) Major in Economics and Business:**

- BUSI 200 *Fundamentals of Accounting and Business I*
- BUSI 210 *Fundamentals of Accounting and Business II*
- ECON 200 *Principles of Microeconomics*
- ECON 210 *Principles of Macroeconomics*
- BUSI 250 *Principles of Statistics*
- BUSI 350 *Business Law*
- MATH 120 *Functions and Models* or its equivalent
- Any two (2) upper-level business courses from the following list:
  - BUSI 300 *Financial Analysis and Reporting I*
  - BUSI 310 *Financial Analysis and Reporting II*
  - BUSI 320 *Federal Tax Accounting*
  - BUSI 330 *Cost Accounting*
  - BUSI 370 *Auditing*
  - BUSI 390 *Accounting Information Systems and Database Management*
  - BUSI 410 *Accounting for Management Planning and Control*
- Any three (3) upper-level economics courses from the following list:
  - ECON 300 *Intermediate Microeconomics*
  - ECON 310 *Intermediate Macroeconomics*
  - ECON 320 *Money, Banking, and Credit*
  - ECON 340 *Environmental Economics*
  - ECON 350 *History of Economic Thought*
  - ECON 360 *International Economics*
  - ECON 370 *Industrial Organization*
  - ECON 380 *Public Finance*
  - ECON 385 *Labor Economics*
  - ECON 400 *Econometrics and Forecasting*
  - ECON 410 *Corporate Finance*
  - ECON 430 *Management Science*
  - ECON 497 *Economic Research*

**2) Major in Economics:**

- BUSI 200 *Fundamentals of Accounting and Business I*
- BUSI 210 *Fundamentals of Accounting and Business II*
- ECON 200 *Principles of Microeconomics*
- ECON 210 *Principles of Macroeconomics*
- BUSI 250 *Principles of Statistics*
- MATH 120 *Functions and Models* or its equivalent
- Any two (2) upper-level business courses from the following list:
  - BUSI 300 *Financial Analysis and Reporting I*
  - BUSI 310 *Financial Analysis and Reporting II*

BUSI 320 *Federal Tax Accounting*

BUSI 330 *Cost Accounting*

BUSI 370 *Auditing*

BUSI 390 *Accounting Information Systems and Database Management*

BUSI 410 *Accounting for Management Planning and Control*

- Any five (5) upper-level economics courses from the following list:

ECON 300 *Intermediate Microeconomics*

ECON 310 *Intermediate Macroeconomics*

ECON 320 *Money, Banking, and Credit*

ECON 340 *Environmental Economics*

ECON 350 *History of Economic Thought*

ECON 360 *International Economics*

ECON 370 *Industrial Organization*

ECON 380 *Public Finance*

ECON 385 *Labor Economics*

ECON 400 *Econometrics and Forecasting*

ECON 410 *Corporate Finance*

ECON 430 *Management Science*

ECON 497 *Economic Research*

**3) Major in Accounting:**

- BUSI 200 *Fundamentals of Accounting and Business I*
- BUSI 210 *Fundamentals of Accounting and Business II*
- ECON 200 *Principles of Microeconomics*
- ECON 210 *Principles of Macroeconomics*
- BUSI 250 *Principles of Statistics*
- MATH 120 *Functions and Models* or its equivalent
- ECON 410 *Corporate Finance*
- Any four (4) upper-level business courses from the following list:
  - BUSI 300 *Financial Analysis and Reporting I*
  - BUSI 310 *Financial Analysis and Reporting II*
  - BUSI 320 *Federal Tax Accounting*
  - BUSI 330 *Cost Accounting*
  - BUSI 370 *Auditing*
  - BUSI 390 *Accounting Information Systems and Database Management*
  - BUSI 410 *Accounting for Management Planning and Control*
- Any two (2) upper-level economics courses from the following list:
  - ECON 300 *Intermediate Microeconomics*
  - ECON 310 *Intermediate Macroeconomics*
  - ECON 320 *Money, Banking, and Credit*
  - ECON 340 *Environmental Economics*
  - ECON 350 *History of Economic Thought*

ECON 360 *International Economics*  
 ECON 370 *Industrial Organization*  
 ECON 380 *Public Finance*  
 ECON 385 *Labor Economics*  
 ECON 400 *Econometrics and Forecasting*  
 ECON 430 *Management Science*  
 ECON 497 *Economic Research*

#### 4) Minor in Business

Six (6) economics courses from the following list:

BUSI 200 *Fundamentals of Accounting and Business I*  
 BUSI 210 *Fundamentals of Accounting and Business II*  
 MATH 120 *Functions and Models (or higher Math course)*  
 ECON 200 *Principles of Microeconomics*  
 BUSI 350 *Business Law*

One (1) course from the following:

BUSI 290 *International Marketing*  
 BUSI 300 *Financial Reporting and Analysis I*  
 BUSI 310 *Financial Reporting and Analysis II*  
 BUSI 320 *Federal Taxation*  
 BUSI 330 *Cost Accounting*  
 BUSI 390 *Accounting Information Systems and Database Management*  
 ECON 320 *Money, Banking, and Credit*  
 ECON 340 *Environmental Economics*  
 ECON 370 *Industrial Organization*  
 ECON 385 *Labor Economics*  
 ECON 410 *Corporate Finance*  
 ECON 430 *Management Science*

#### 5) Minor in Economics

Any six (6) economics courses from the following list:

ECON 100 *Survey of Economics*  
 ECON 200 *Principles of Microeconomics*  
 ECON 210 *Principles of Macroeconomics*  
 ECON 300 *Intermediate Microeconomics*  
 ECON 310 *Intermediate Macroeconomics*  
 ECON 320 *Money, Banking, and Credit*  
 ECON 340 *Environmental Economics*  
 ECON 350 *History of Economic Thought*  
 ECON 360 *International Economics*  
 ECON 370 *Industrial Organization*  
 ECON 380 *Public Finance*

ECON 385 *Labor Economics*  
 ECON 390 *Investments*  
 ECON 400 *Econometrics and Forecasting*  
 ECON 410 *Corporate Finance*  
 ECON 430 *Management Science*  
 ECON 497 *Economic Research*

#### 6) Minor in Accounting

• Any five (5) business courses from the following list:

BUSI 100 *Contemporary Issues in Business and Entrepreneurship*  
 BUSI 200 *Fundamentals of Accounting and Business I*  
 BUSI 210 *Fundamentals of Accounting and Business II*  
 BUSI 300 *Financial Analysis and Reporting I*  
 BUSI 310 *Financial Analysis and Reporting II*  
 BUSI 320 *Federal Tax Accounting*  
 BUSI 330 *Cost Accounting*  
 BUSI 370 *Auditing*  
 BUSI 390 *Accounting Information Systems and Database Management*  
 BUSI 410 *Accounting for Management Planning and Control*

• ECON 200 *Principles of Microeconomics*

#### 7) Minor in International Business

Six courses distributed as follows:

ECON 200 *Principles of Microeconomics*  
 ECON 210 *Principles of Macroeconomics*  
 BUSI 200 *Fundamentals of Accounting and Business I*

• Any two of the following:

BUSI 280 *Global Business*  
 BUSI 290 *International Marketing*  
 ECON 335 *International Finance*  
 ECON 360 *International Economics*

• One upper-level study abroad economics or business course (excluding those taken in the third bulleted section) or one study abroad internship. (An internship may be conducted in an international department of a domestic company.)

NOTE: Students majoring in the Economics and Business Department may not double count courses in the third and fourth bulleted sections for satisfaction of major requirements.

**8) Master of Arts in Accounting**

A total of eight (8) courses are required with the following specifications:

- ECON 530 *Management Science*
- ECON 550 *Managerial Economics*
- And six (6) courses from the following list including at least four (4) business courses:

- BUSI 500 *Taxation for Business Entities*
- BUSI 510 *Accounting for Management Planning and Control*
- BUSI 520 *Seminar in Accounting*
- BUSI 530 *Governmental and Non-Profit Accounting*
- BUSI 540 *Contemporary Issues in Auditing*
- BUSI 550 *Business Law*
- BUSI 590 *Accounting Information Systems and Database Management*
- BUSI 598/599 *Independent Study or Internship in Accounting*
- ECON 500 *Econometrics and Forecasting*
- ECON 570 *Industrial Organization*
- ECON 590 *Economics Research*
- ECON 599 *Independent Study in Economics*

No more than two of the eight graduate course requirements may be satisfied by BUSI 598, BUSI 599, and ECON 599.

Prerequisites for admittance into the Masters program include majoring in Accounting, Economics, or Economics and Business and consent of the faculty. Because CPA Exam requirements vary by state, students should be informed of the prerequisites required by the state in which they plan to take the CPA Exam. The State of Arkansas requires 30 semester hours beyond the Hendrix B.A. in order to sit for the Exam. This fifth-year Master of Arts in Accounting program may be used to fulfill this requirement. Interested students should contact the department chair by the end of their sophomore year for details or for information regarding programs offered to qualify to sit for the professional certification examinations.

**COURSE PLANNING:**

A typical student's schedule (for each of the three majors):

**Economics and Business**

	<b>FALL</b>	<b>SPRING</b>
Freshman	<i>Journeys &amp; Explorations</i> Language I Learning Domain 1 <i>Introduction to Academic Writing</i>	Language II Learning Domain 2 <i>Functions and Models</i> elective

	<b>FALL</b>	<b>SPRING</b>
Sophomore	<i>Principles of Microeconomics</i> <i>Fundamentals of Accounting and Business I</i> Challenges of Contemporary World course (CW) Learning Domain 3	<i>Principles of Macroeconomics</i> <i>Fundamentals of Accounting and Business II</i> Learning Domain 4 elective
Junior	upper-level Economics (1) upper-level Business (1) Learning Domain 5 <i>Principles of Statistics</i>	upper-level Economics (2) upper-level Business (2) Learning Domain 6 elective
Senior	upper-level Economics (3) Learning Domain 7 elective elective	<i>Business Law</i> elective elective elective

**Economics**

	<b>FALL</b>	<b>SPRING</b>
Freshman	<i>Journeys &amp; Explorations</i> Language I Learning Domain 1 <i>Introduction to Academic Writing</i>	Language II Learning Domain 2 <i>Functions and Models</i> elective
Sophomore	<i>Principles of Microeconomics</i> <i>Fundamentals of Accounting and Business I</i> Challenges of Contemporary World course (CW) Learning Domain 3	<i>Principles of Macroeconomics</i> <i>Fundamentals of Accounting and Business II</i> Learning Domain 4 elective
Junior	upper-level Economics (1) upper-level Business (1) <i>Principles of Statistics</i> Learning Domain 5	upper-level Economics (2) Learning Domain 6 elective elective
Senior	upper-level Economics (3) upper-level Economics (4) Learning Domain 7 elective	upper-level Economics (5) upper-level Business (2) elective elective

**Accounting**

	<b>FALL</b>	<b>SPRING</b>
Freshman	<i>Journeys &amp; Explorations</i> Language I Learning Domain 1 <i>Introduction to Academic Writing</i>	Language II Learning Domain 2 <i>Functions and Models</i> elective

	<b>FALL</b>	<b>SPRING</b>
Sophomore	<i>Principles of Microeconomics</i> <i>Fundamentals of Accounting and Business I</i> Challenges of Contemporary World course (CW) Learning Domain 3	<i>Principles of Macroeconomics</i> <i>Fundamentals of Accounting and Business II</i> Learning Domain 4 elective
Junior	upper-level Business (1) upper-level Economics (1) Learning Domain 5 <i>Principles of Statistics</i>	upper-level Business (2) Learning Domain 6 elective elective
Senior	upper-level Business (3) <i>Financial Management</i> Learning Domain 7 elective	upper-level Business (4) upper-level Economics (2) elective elective

**Possible preparation for the Master of Arts in Accounting Program:**

	<b>FALL</b>	<b>SPRING</b>
Freshman	<i>Journeys &amp; Explorations</i> Language I Learning Domain 1 <i>Introduction to Academic Writing</i>	Language II Learning Domain 2 <i>Functions and Models</i> elective
Sophomore	<i>Principles of Microeconomics</i> <i>Fundamentals of Accounting and Business I</i> Challenges of the Contemporary World course (CW) <i>Calculus I</i>	<i>Principles of Macroeconomics</i> <i>Fundamentals of Accounting and Business II</i> Learning Domain 3 elective
Junior	<i>Fin. Analysis &amp; Reporting I</i> <i>Intermediate Microeconomics</i> Learning Domain 4 <i>Principles of Statistics</i>	<i>Fin. Analysis &amp; Reporting II</i> <i>Cost Accounting</i> Learning Domain 5 Learning Domain 6
Senior	<i>Federal Tax Accounting</i> <i>Corporate Finance</i> Learning Domain 7 elective	<i>Auditing</i> <i>Econometrics and Forecasting</i> <i>Business Law</i> elective
<b>Masters</b>	<b>FALL</b> <i>Accounting for Management P&amp;C</i> <i>Taxation for Business Entities</i> <i>Contemporary Issues in Auditing</i> <i>Managerial Economics</i>	<b>SPRING</b> <i>Seminar in Accounting</i> <i>Governmental &amp; Non-Profit Accounting</i> <i>Management Science</i> <i>Accounting Information Systems</i>

**SENIOR CAPSTONE EXPERIENCE:**

The Senior Capstone Experience for the accounting major, the economics major, and the economics and business major may be accomplished in one of four ways:

- A) Completion of the course ECON 497 *Economic Research* with a grade of “C” or above;
- B) Completion of the course BUSI 497 *Corporate Strategy* with a grade of “C” or above; or
- C) Passing a comprehensive written examination with three parts:
  - (1) Fundamentals of Accounting and Business I and II;
  - (2) Principles of Microeconomics and Principles of Macroeconomics; and
  - (3) a concentration based on two upper-level courses.
- D) Successful completion of an economic research project in conjunction with the Baker Prize in Economics.

The grade for the Senior Capstone Experience is based on the *Economic Research* course, the *Corporate Strategy* course, the written comprehensive examination, or determined by the faculty member sponsoring the Baker Prize in research project.

## EDUCATION

Hendrix College is accredited by the National Council for Accreditation of Teacher Education (NCATE) for the preparation of secondary teachers. The licensure program for early childhood education (Pk-4) has been phased out, and no new majors are being accepted. In order to be recommended for teacher licensure to teach in the public schools, a student must complete all Hendrix graduation requirements, all departmental requirements, all subject matter preparation requirements, and all state requirements. A listing of these requirements (including those of the Arkansas State Department of Education) may be obtained from the Education Department.

### General requirements for all students seeking licensure in the State of Arkansas

All students seeking licensure in the State of Arkansas must complete the following:

- A. The Program for the Bachelor of Arts Degree as listed in the *Hendrix Catalog*.
- B. The course requirements for ONE of the licensure areas listed below:
  - 1. **Licensure in Secondary Education (Grades 7-12)**
    - EDUC 110 *History of Education and Effective Teaching Methods*
    - EDUC 220 *Educational Psychology*
    - HIST 270 *Arkansas History* (for Social Studies licensure)

EDUC 360 *Inclusive Adolescent Education, with lab, 7-12*

EDUC 390 *Cultural Geography* (for Social Studies Licensure)

EDUC 460 *Introduction to Student Teaching, Secondary, 7-12*

EDUC 461 *Student Teaching, Secondary, 7-12* (three credits)

Complete the course requirements for at least one of the following academic majors: Biology, English, French, Spanish, German, History, Politics, Psychology, Religion, Sociology/Anthropology, Philosophy, or an academic major approved by the Education Department

One course selected from the following:

KINE 300 *Secondary Physical Education*

EDUC 431 *Methods in the Secondary School: English Language Arts*

EDUC 432 *Methods in the Secondary School: Foreign Language*

EDUC 434 *Methods in the Secondary School: Life/Earth Science*

EDUC 435 *Methods in the Secondary School-Social Studies*

EDUC 437 *Methods in the Secondary Art Education*

Students seeking life/earth science licensure must take a Physics I course, an astronomy course (or equivalent), and a statistical analysis course (or equivalent). Physics II is recommended.

2. Licensure in Art Education (Grades 7-12)

EDUC 110 *History of Education and Effective Teaching Methods*

EDUC 220 *Educational Psychology*

EDUC 360 *Inclusive Adolescent Education with lab 7-12*

EDUC 437 *Methods in Art Education*

EDUC 470 *Introduction to Student Teaching, P-12*

EDUC 471 *Student Teaching, P-12* (three credits)

Must complete the course requirements for an academic major in Art.

## Minor

### Minor in Education – Secondary Emphasis:

Six (6) courses as follows:

EDUC 110 *History of Education and Effective Teaching*

EDUC 220 *Educational Psychology*

and

One methods course from the following:

EDUC 431 *Methods in the Secondary School: English Language Arts*

EDUC 432 *Methods in the Secondary School: Foreign Language*

EDUC 434 *Methods in the Secondary School: Life/Earth Science*

EDUC 435 *Methods in the Secondary School: Social Studies*

EDUC 437 *Methods in Art Education*

### KINE 300 *Secondary Physical Education* and

Three courses from the following:

EDUC 290 *Science in Personal and Social Perspectives*

EDUC 315 *Critical Issues in Educaiton*

EDUC 360 *Inclusive Adolescent Education, 7-12*

EDUC 375 *Research and Measurement in Education*

EDUC 390 *Cultural Geography*

EDUC 400 *Topics in Education*

### COURSE PLANNING:

See Education Department faculty for course planning.

## ENGLISH

### Major

Students majoring in English choose one of three emphases: Literary Studies (ENGL), Film Studies (ENGF), or Creative Writing (ENGC). The department does not support a major in Film Studies or Creative Writing. Students interested in a Film Studies minor should refer to the Film Studies section of the *Catalog*. Students may not double major using two of these emphases.

#### Literary Studies

11 courses distributed as follows:

- ENGL 280 Literary Analysis
- ENGL 497 Senior Thesis Seminar
- Three ENGL courses focused on pre-1900 literature, at least one of which must be pre-1700
- Three ENGL courses focused on post-1900 literature
- One course in literary theory
- Two other ENGL/F/C courses

Of these courses:

- The Literary Studies emphasis must have one 200-level ENGL course in addition to ENGL 280, and nine 300-400 level courses, including ENGL 497 Senior Thesis Seminar and at least one other 400-level ENGL seminar
- Only one ENGC and one ENGF count toward the Literary Studies emphasis.
- The Literary Studies emphasis does not prevent a student from a Film Studies minor.



**Film Studies**

11 courses distributed as follows:

- Any 200-level ENGF course or ENGL 223 Literary and Cinematic Adaptations
- ENGL 280, Literary Analysis
- ENGL 497, Senior Thesis Seminar
- Two ENGL courses focused on pre-1900 literature, at least one of which must be pre-1700
- Two ENGL courses focused on post-1900 literature
- One course in literary theory
- Three 300-400 level ENGF courses, one of which can be a film course from another department

Of these courses:

- In addition to the two specified 200-level courses, the Film Studies emphasis must have nine 300-400 level courses, including ENGL 497 Senior Thesis Seminar and at least one other 400-level ENGL/F-level seminar
- Only one film course can come from another department
- A student with a Film Studies emphasis cannot minor in film studies

**Creative Writing**

11 courses distributed as follows:

- ENGL 280 Literary Analysis
- ENGC 497 Creative Writing Senior Thesis Seminar
- Two ENGL courses focused on pre-1900 literature, at least one of which must be pre-1700
- Two ENGL courses focused on post-1900 literature
- Any other ENGL or ENGF course
- Four 300-400 level ENGC courses (in addition to ENGC 497), only one of which can be a creative writing course from another department or institution.

Of these courses:

- The Creative Writing emphasis must have one 200-level course in addition to ENGL 280, and nine 300-400 level courses, including ENGC 497 Senior Thesis Seminar and at least one other 400-level ENGC seminar
- Only one creative writing course can come from another department.

## **MINOR (LITERARY STUDIES)**

6 courses distributed as follows

- Two 200-level courses including ENGL 280
- Four 300-400 level courses

Of these courses:

- One of the courses must emphasize literature before 1700
- One Film Studies (ENGF) course or one Creative Writing (ENGC) course can count toward a minor in English

Courses by requirements

Pre-1700: ENGL 238, 239, 305, 313, 316, 317, 318, 414

Pre-1900: ENGL 240, 256, 319, 320, 322, 325, 328, 416, 418, 420, 432, 435, 441, 467

Post-1900: ENGL 223, 235, 245, 248, 250, 251, 258, 265, 275, 321, 330, 332, 335, 336, 342, 350, 353, 363, 397, 450, 455, 465

Literary Theory: ENGL 362, 390; ENGF 381; PHIL/ARTH 389

**COURSE PLANNING:**

First Year

1. ENGL 110 Introduction to Academic Writing
2. One 200-level "Introduction to Literary Studies" English course
3. Two courses in foreign language
4. Other courses to fulfill requirements in the Collegiate Center and the Learning Domains

Second Year

1. ENGL 280 Literary Analysis
2. If not taken in the first year, one 200-level "Introduction to Literary Studies" English course. Film Studies students should take a 200-level ENGF course or ENGL 223 *Literary and Cinematic Adaptation*
3. Consult with your advisor about taking a 300-level English course in the spring semester.
4. Other courses to fulfill collegiate requirements

Third year

1. Three to four 300-level English courses from various distribution fields
2. One 400-level English seminar in the spring if there is a topic of interest (note that senior seminars are not repeated annually)
3. A course in literary theory for those with the Literary Studies emphasis and any student considering graduate school
4. Study abroad
5. Literature courses in a foreign language (recommended)
6. Other collegiate requirements and electives
7. In the spring and summer, begin talking with the faculty, thinking about, and perhaps researching your senior thesis.

## Senior Year

1. Two 300-400 level English courses to complete distribution requirement
2. One 400-level English seminar in the fall
3. ENGL 497 Senior Thesis Seminar in the spring term
  - Choose a topic and sign up with an advisor by fall break
  - Submit a one paragraph description of the topic by mid-November
4. Other collegiate requirements and electives

Note: Students who intend to study abroad should consult their advisors or the Chair of the English Department to ensure that their progress toward graduation is uninterrupted.

**SENIOR CAPSTONE EXPERIENCE:**

The Senior Capstone Experience for the English major consists of a substantial independent writing project produced for ENGL or ENGC 497. The grade for Thesis is the grade for the senior capstone experience.

**ENVIRONMENTAL STUDIES****Major**

Thirteen courses distributed as follows:

## Core Requirements:

- EVST 110 *Introduction to Environmental Studies*
- BIOL 104 *Environmental Biology*
- CHEM 101 *Chemistry of the Environment*
- ENGL 275 *American Literature and the Environment*
- or
- ENGC 306 *Exploring Nature Writing*
- or
- HIST 212 *American Environmental History*
- POLI 235 *Public Policy*
- PSYC 290 *Principles of Statistics*
- or
- BUSI 250 *Principles of Statistics*
- ECON 340 *Environmental Economics*
- SOCI 375 *Environmental Sociology*
- or
- ANTH 330 *Human Impact on the Ancient Environments*
- RELI 270 *Ecotheology*
- or
- PHIL 270 *Environmental Philosophy*
- or

PHIL 315 *Ethics and Relations to Friend, Kin, and Community*  
 EVST 497 *Senior Seminar*

All majors must complete an internship with an environmental studies focus.

Students must choose one of the following emphases:

**Natural Science Emphasis:** Select one of the following sequences

## Biology

- BIOL 150 *Cell Biology*
- BIOL 190 *Botany*

or

- BIOL 220 *Zoology*
- BIOL 250 *Genetics*
- BIOL 365 *Ecology and Evolution*

students who have completed the biology sequence will not have to take the core course BIOL 104.

OR

## Chemistry

- CHEM 110 *General Chemistry I: Chemical Structure and Properties*
- CHEM 120 *General Chemistry II: Chemical Analysis and Reactivity*
- CHEM 240 *Organic Chemistry I*
- EVST 280 *Environmental Analysis*

Students who have completed the chemistry sequence will not have to take the core course CHEM 101.

**Socio-cultural Emphasis** (three elective courses from three different disciplines)

- ANTH 360 *Globalization and Transnationalism*
- HIST 212 *American Environmental History*
- PHIL 270 *Environmental Philosophy*
- PHIL 330 *Ethical Theory*
- PHIL 490 *Special Topics*
- POLI 250 *History of the International System*
- POLI 251 *Theories of International Relations*
- POLI 260 *Political Economy*
- RELI 270 *Ecotheology*
- SOCI 340 *Food, Culture, and Nature*
- SOCI 362 *Images of the City*

**COURSE PLANNING**

For the student wishing to major with a natural science emphasis having interest in biology:

	FALL	SPRING
First Year	<i>Journeys and Explorations</i> EVST 110 <i>Intro to Environmental Studies</i> 2 electives	BIOL 150 <i>Cell Biology</i> EVST 275 <i>American Lit &amp; Environment</i> 2 electives
Second Year	BIOL 104 <i>Environmental Biology</i> Challenges of the Contemporary World (CW) 2 electives	BIOL 190 <i>Botany</i> OR BIOL 220 <i>Zoology</i> CHEM 101 <i>Chemistry of the Environment</i> 2 electives
Third Year	PSYC 290 or BUSI 250 <i>Statistics</i> BIOL 250 <i>Genetics</i> 2 electives	SOCI 375 <i>Env. Sociology</i> BIOL 365 <i>Ecology &amp; Evolution</i> POLI 235 <i>Public Policy</i> 1 elective
Fourth Year	ECON 340 <i>Environ. Economics</i> 3 electives	EVST 497 <i>Senior Seminar</i> RELI 270 or PHIL 270 or PHIL 315 2 electives

For a major with a natural science emphasis with interest in chemistry:

	FALL	SPRING
First Year	<i>Journeys and Explorations</i> EVST 110 <i>Intro to Environmental Studies</i> CHEM 110 <i>General Chem. I</i> 1 elective	CHEM 120 <i>General Chem. II</i> EVST 275 <i>American Lit. &amp; the Environment</i> 2 electives
Second Year	CHEM 240 <i>Organic Chem. I</i> Challenges of the Contemporary World (CW) 2 electives	CHEM 280 <i>Environ. Analysis</i> POLI 235 <i>Public Policy</i> 2 electives
Third Year	FALL BIOL 104 <i>Environ. Biology</i> PSYC 290 or BUS I 250/MATH 250 <i>Statistics</i> 2 electives	SPRING SOCI 375 <i>Environ. Sociology</i> or ANTH 330 <i>Human Impact on Ancient Environments</i> ECON 340 <i>Environ. Econ.</i> 2 electives

Fourth Year	4 electives	EVST 497 <i>Senior Seminar</i> RELI 270 or PHIL 270 or PHIL 315 2 electives
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For the student wishing to major with a socio-cultural emphasis:

	FALL	SPRING
First Year	<i>Journeys and Explorations</i> EVST 110 <i>Intro to Environmental Studies</i> 2 electives	CHEM 101 <i>Chemistry of the Environment</i> EVST 275 <i>American Lit. &amp; the Environment</i> 2 electives
Second Year	Challenges of the Contemporary World (CW) BIOL 104 <i>Environ. Biology</i> 2 electives	POLI 235 <i>Public Policy</i> PSYC 290 or BUSI 250 <i>Statistics</i> 2 electives
Third Year	SOCI 375 <i>Environ. Sociology</i> or ANTH 330 <i>Human Impact on Ancient Environments</i> Major elective 2 electives	ECON 340 <i>Environ. Econ.</i> Major elective 2 electives
Fourth Year	Major elective 3 electives	EVST 497 <i>Senior Seminar</i> RELI 270 or PHIL 270 or PHIL 315 2 electives

**SENIOR CAPSTONE EXPERIENCE:**

The Senior Capstone Experience for the environmental studies major consists of participation in the Senior Seminar course. EVST 497 *Senior Seminar* is a one semester course that involves common readings, research methods, and both written and oral presentation of independent research. The grade for the Senior Capstone Experience is based on the oral presentation and defense of research components of the senior seminar.

**FILM STUDIES**

**Minor**

Six (6) courses distributed as follows:

- ENGF 269 *Introduction to Film Studies*
- Five additional courses from the following:

ANTH 250 *Visual Anthropology*  
 ARTH/PHIL 289 *Aesthetics and Contemporary Art*  
 ENGF 310 *French New Wave*  
 ENGF 358 *African Film*  
 ENGF 381 *Film Theory*  
 ENGF 382 *Non-Fiction Film*  
 ENGF 390 *Topics in Film Studies*  
 ENGF 490 *Topics in Film Studies*  
 ENGL 223 *Literary and Cinematic Adaptations*  
 ENGL 248 *The Holocaust in Literature, Theory, and Film*  
 ENGL 270 *The Theme of Woman's Vocation in Literature and Film*  
 HIST 180 *Theatre and Film in Modern China*  
 HIST 190 *History and Film*  
 MUSI 180 *Film Music*  
 FILM 210 *Screenwriting*  
 FILM 392 *Great Directors*  
 FILM 399 *Independent Study*  
 SOCI 255 *Gender in Film and Television*

On occasion, departments throughout the college offer special topics courses that focus primarily on film. With the approval of the film studies chair, students may count such courses towards a film studies minor.

Students interested in the film studies minor should take ENGF 269 as soon as possible in their academic career.

Students may count up to two independent studies toward the minor.

## FOREIGN LANGUAGES

### Major in Classics

The major in Classics requires 13 courses distributed as follows:

- LATI 110 *Fundamentals of Latin I*
- LATI 120 *Fundamentals of Latin II*
- GREE 110 *Fundamentals of Ancient Greek I*
- GREE 120 *Fundamentals of Ancient Greek II*
- LATI 210 *Readings in Latin*  
or
- GREE 210 *Readings in Greek*
- Two courses in Latin and/or Greek at the 300-level (may be both in Latin, both in Greek, or a combination)

- LATI 410 *Advanced Readings and Research in Latin Literature*  
or
- GREE 410 *Advanced Readings and Research in Greek Literature*
- CLAS 200 *Classical Mythology*
- CLAS/HIST 301 *Greek Civilization*
- CLAS/HIST 302 *Roman Civilization*
- Two other courses chosen from the offerings in Latin, Greek, and/or Classics (including courses cross-listed with Classics)

### Major in French

The major in French consists of at least nine courses above the first-year sequence, including:

- FREN 210 *Intermediate Composition and Conversation*
- FREN 220 *Aspects of French Culture*
- FREN 230 *Introduction to French Literature*
- FREN 310 *Advanced Composition and Conversation*  
or
- FREN 330 *Survey of French Literature I*  
or
- FREN 331 *Survey of French Literature II*
- Five other upper-level French courses of the student's choosing.

Students certifying to teach are strongly encouraged to take FREN 320, *Practical Phonetics*.

### Major in German

At least nine courses above the basic sequence, including

- GERM 210 or 310 *Intermediate Composition and Conversation*
- GERM 320 *Survey of German Literature and Civilization, Part I*  
or
- GERM 330 *Survey of German Literature and Civilization, Part II*, and
- GERM 420 *Senior Seminar in German Literary History*

### Major in Spanish

At least nine courses above the basic sequence distributed as follows:

- SPAN 310 *Survey of Spanish Literature to 1800*
- SPAN 320 *Survey of Spanish Literature since 1800*
- SPAN 330 *Survey of Latin-American Literature*
- 6 electives. Either SPAN 200 *Conversation and Composition* or SPAN 300 *Advanced Grammar and Composition* can be counted among the 6 courses, but not both. The department encourages all students to have

a study-abroad experience. Some things to remember include that, for a major and a minor, at least half of the courses taken to fulfill SPAN courses have to be based on literary texts. If a student hasn't taken SPAN 200 at Hendrix, a course in conversation could transfer as an equivalent. Courses taken in Spanish but in other disciplines transfer as courses in those disciplines and do not count towards a Spanish major or minor.

## Minor in Classics

The minor in Classics requires six (6) courses distributed as follows:

- LATI 110 *Fundamentals of Latin I*  
and  
LATI 120 *Fundamentals of Latin II*  
or  
GREE 110 *Fundamentals of Ancient Greek I*  
and  
GREE 120 *Fundamentals of Ancient Greek II*
- One course in Latin or Greek at the 200-level or above
- Three remaining courses chosen from the offerings in Latin, Greek, and/or Classics (including courses cross-listed with Classics)

## Minor in French, German, or Spanish

A minor consists of five (5) courses in either French, German, or Spanish at or above the 200-level. In Spanish, only 200 or 300 (not both) may count toward the minor.

### COURSE PLANNING:

As stated in an earlier section of the *Guide* ("Guide to Courses for First Year Students"), a student who passes into 120 of a language may receive credit for the 110 course upon completion of the 120 course with a grade of "C" or higher. The following rules apply for students who test out of the entire Basic Sequence:

**French:** A student who tests out of 120 in French must pass FREN 210 with a grade of C or higher to receive credit for FREN 120; FREN 210 (or permission of the instructor) is the prerequisite for all other upper-level French courses.

**German:** A student who tests out of 120 in German must pass GERM 210 with a grade of C or higher to receive credit for GERM 120; GERM 210 (or permission of the instructor) is the prerequisite for all other upper-level German courses.

**Latin:** A student who tests out of 120 in Latin may take LATI 210 and will receive credit for 120 upon passing that course with a grade of C or higher.

**Spanish:** A student who tests out of 120 in Spanish may take any 200 through 400-level course and will receive credit for SPAN 120 upon passing that course with a grade of C or higher.

Required courses are primarily either skills courses or survey of literature and/or culture courses. They are offered frequently enough that students can schedule them without difficulty. The rest of the advanced courses in our department are usually offered only every third year.

Students wishing to pursue a major combining foreign language with other disciplines may, with the help of a faculty advisor, create an individualized major through the Interdisciplinary Studies major available at the College.

Students majoring in a foreign language are strongly urged to spend a year outside of the U.S. in a study-abroad program sponsored by Hendrix or another U.S. institution, or by a foreign university. Students who do so should, however, take special care to ensure that they graduate with a well-rounded and solid background. Planning should be done in consultation with a faculty member in the appropriate target language.

Majors considering graduate study in their language are strongly encouraged to take at least the Basic Sequence in a second foreign language.

The Basic Sequence in Greek is required for the Classics major. It will be offered in 2011-2012. Students interested in majoring in Classics should plan their schedules accordingly. Students interested in majoring in Classics should consider taking LATI 110 and LATI 120 during their first year at Hendrix, although it is also possible to start the Classics major in the second year. Students interested in graduate coursework in Classics should plan to take as many 300-level language courses as possible.

### SENIOR CAPSTONE EXPERIENCE:

**Classics:** The Senior Capstone Experience for the Classics major is composed of two parts: the completion of LATI 410 or GREE 410 and the passing of a written comprehensive exam (with a grade of C or higher) based on key concepts in the field.

**French:** The Senior Capstone Experience for the French major is a written and oral examination based on coursework in the major and courses taken abroad, if applicable. The grade for the Senior Capstone Experience is based on this examination.

**German:** The Senior Capstone Experience for the German major is a comprehensive examination that follows completion of the GERM 420 *Senior Seminar in German Literary History*. The comprehensive examination consists of two parts: a written examination over several hours covering all aspects of German cultural history, but with a special emphasis on literature, and, the next day, a similarly broad-ranging

one-hour oral examination, conducted in German. The grade for the Senior Capstone Experience is based on this examination.

**Spanish:** The Senior Capstone Experience for the Spanish major is a comprehensive examination based on coursework in the major and on courses taken abroad, if applicable. The format of the written examination may vary from question to question, but the test will consist of five parts, and should not exceed three hours in length. The grade for the Senior Capstone Experience is based on the examination.

## GENDER STUDIES

### Major

Available only through the Interdisciplinary Studies major (see Interdisciplinary Studies entry in this section of the *Guide*).

### Minor

Five courses, with at least one from Humanities and one from Social Sciences, drawn from the following:

- Humanities courses
  - ENGL 250 *Women and African Literature*
  - ENGL 258 *American War Literature*
  - ENGL 270 *The Theme of Women's Vocation in Literature and Film*
  - ENGL 275 *American Literature and the Environment*
  - ENGL 305 *Chaucer's 'Troilus and Criseyde'*
  - ENGL 362 *Literary Theory*
  - ENGL 432 *Jane Austen*
  - ENGL 435 *The Brontës*
  - ENGL 454 *Lawrence and Woolf*
  - ENGL 465 *Hemingway*
  - GEND 268 *Introduction to Gender Studies—Humanities focus*
  - PHIL 267 *Introduction to Gender Studies - Humanities focus*
  - PHIL 310 *Feminist Thought*
  - RELI 327 *Race, Gender, Empire, and the Bible*
  - RELI 330 *Religion, Gender and Sexuality*
  - SPAN 485 *Gender and Power in the Latin American Novel*
- Social Sciences
  - ANTH 280 *Anthropology of Gender*
  - ANTH 390 *Social Inequality and Identity*
  - GEND 267 *Introduction to Gender Studies—Social Science focus*

HIST 226 *Renaissance and Reformation Europe*  
 HIST 227 *Medicine and Disease in Pre-Modern Europe*  
 HIST 318 *Magic and Witchcraft in Early Modern Europe*  
 POLI 100 *Issues in Politics: Gender*  
 POLI 200 *Issues in Politics: HIV/AIDS*  
 POLI 300 *Feminist Political Thought*  
 POLI 380 *Gender, Sexuality, and American Politics*  
 PSYC 260 *Human Sexuality*  
 PSYC 400 *Psychology of Gender*  
 SOCI 250 *Sociology of the Family*  
 SOCI 255 *Gender in Film and Television*  
 SOCI 310 *Gender and Sexuality*  
 SOCI 390 *Social Inequality and Identity*

\*If a course offered at the college has a clear focus on gender but is not listed above, students may petition the Gender Studies chair to have the course count toward the Gender Studies minor.

Students may count one course in their major discipline towards the Gender Studies minor, but this course will not count toward their major.

## HISTORY

### General Comments

The Department of History does not specify prerequisites for any history courses, and we encourage non-majors to consider any of our classes **except** HIST 497 *Advanced Research and Writing*. We recommend a high degree of caution in placing first- and second-year students in 300- and 400-level courses without consultation with the instructor beforehand.

Students who plan to apply for graduate work in history are urged strongly to take considerable course work in at least one foreign language. Specifically, the department recommends that such students take at least one course beyond what is stated in the collegiate foreign language requirement.

### Major

All students majoring in history will take 11 courses distributed in the following manner:

- 2 courses in American history
- 2 courses in European history
- 3 courses selected in Global history
- 2 elective courses in history
- HIST 300 *Historiography*

- HIST 497 *Advanced Research and Writing*  
or  
HIST 480 *Senior Capstone Seminar*

These 11 courses must include:

At least five 300- or 400-level courses. These will include HIST 300 *Historiography* and either HIST 497 *Advanced Research and Writing* or HIST 480 *Senior Capstone Seminar*. Students will choose three other 300- or 400-level courses.

The department strongly recommends that students take HIST 300: *Historiography* during the junior year, before they take HIST 480 or HIST 497 as their senior capstone.

#### SENIOR CAPSTONE EXPERIENCE:

For their Senior Capstone Experience, history majors will choose between HIST 480 Senior Capstone Seminar and HIST 497 *Advanced Research and Writing*. HIST 480 focuses primarily on developing editing and public presentation skills, while HIST 497 requires students to write an original research paper of at least 25 pages in length.

### Minor

All students minoring in history will take 6 courses distributed in the following manner:

- 1 course in American history
- 1 course in European history
- 2 courses selected in Global history.
- 2 elective courses in history

#### COURSE PLANNING:

##### First Year

First-year students with good background and strong interest in history may enroll in 100- and 200-level courses in American, Global, and European history.

##### Second Year

Sophomores who plan to major in history should consider the department's courses at the 200-level, although some second-year students may well be ready for 300-level classes. Students may wish to consult their advisors and the appropriate instructors on a class-by-class basis if they are interested in enrolling in 300-level courses.

Non-majors are welcome to take history courses, preferably at the 200-level.

##### Third Year

Unless spending their junior year abroad, all junior history majors need to take HIST 300 *Historiography*. They should also enroll in several other history courses, bearing in mind the need to select classes that fulfill departmental requirements. Because nearly all of our 300- and 400-level courses are taught every other year, we have no concrete advice with respect to course sequencing. Students are urged to consult carefully with their advisors in the crafting of their major. Double majors or Interdisciplinary majors whose advisors are not historians must talk to a member of the department about how to fulfill their requirements in history.

Non-majors are also welcome to take history courses, preferably at the 200- or 300-level.

##### Fourth Year

Senior history majors should ensure that the courses they register for will allow them to complete all of the requirements for graduation, both collegiate and departmental. Seniors with aspirations for graduate-level work (either in history, law school, or some other field) are urged to consider taking either HIST 497 or an independent study that affords the opportunity for an independent research project. Students who are not planning to enter graduate programs may also take 497. Participation in 497 is contingent upon the approval of the department. Students wishing to be considered for departmental distinction at the time of graduation must have completed an independent research project of significant scope and high academic caliber.

Non-majors are also welcome to take history courses, preferably at or above the 200-or 300-level.

#### SENIOR CAPSTONE EXPERIENCE:

As noted above, history majors graduating under the major requirements will be required to take either HIST 480 or HIST 497.

## INTERDISCIPLINARY STUDIES

Capable and self-motivated students wishing to explore major courses of study not offered by the College may petition for an Interdisciplinary Studies major. The major allows such students the freedom to design and develop a course of study which combines classes taken from several departments or areas. Each Interdisciplinary Studies major must have a coherent thematic principle governing the selection and sequencing of courses in the major and it must be consistent with the goals of a liberal arts education. Students who would like to explore an Interdisciplinary Studies major are urged to consult with their faculty advisor or the office of the Associate Provost for Academic Affairs. Examples of recently approved Interdisciplinary Studies majors can be found on the Interdisciplinary Studies web page (<http://www.hendrix.edu/academics/academics.aspx?id=14586>).

A student wishing to pursue an interdisciplinary major should, before spring registration of the sophomore year, find a faculty advisor who is interested in mentoring him or her through this major. Under no circumstances should this be done later than the fall semester of the student's junior year.

- The student and advisor, working together, will draft a program of study satisfying the requirements for an interdisciplinary major (see below).
- The student will write a justification for this major, articulating its overarching theme and stating his or her aims and the way the major will satisfy them.
- The student and advisor will recruit one or two more faculty members to constitute the supervisory committee for the major. The advisor will chair this committee. The committee will review and approve, with possible modifications, the proposed major and its justification.
- The proposed major, signed by the student and the members of the committee, will be sent to the Associate Provost for approval, along with the student's narrative justification for it.
- If the Associate Provost approves the proposed major, he or she will notify the student and the committee in writing that the major has been accepted. The Associate Provost will inform the Registrar of the student's major requirements.
- Once the major has been accepted the student should complete an Advisor Designation and Major/Minor Declaration form.
- Once the major has been accepted, any changes must be approved by the committee and by the Associate Provost, who will report the changes to the Registrar.

In addition to its thematic coherence, an interdisciplinary studies major must include the following components.

- A clear title for the major;
- At least 10 courses (with suitable alternate courses, if appropriate). As with any major, at least 50% of major courses must be taken in residence at the College and a minimum grade point average of 2.0 in the major must be achieved;
- No fewer than 4 of the major courses at the 300- or 400-level;
- The interdisciplinary studies major proposal must include a senior capstone experience with elements that are methodologically appropriate for the major. The proposal should describe the capstone experience, explain how the grade will be determined, and tell whether or not the capstone is course-based.

## INTERNATIONAL RELATIONS

### Major

Twelve courses distributed as follows:

#### Foundations (3 credits)

POLI 100 *Issues in Politics*  
 POLI 250 *History of the International System*  
 POLI 251 *Theories of International Relations*

#### Economics (1 credit)

POLI 260 *Political Economy*  
 ECON 360 *International Economics*

#### Comparative/Regional Studies (1 credit)

HIST 170 *Contemporary Europe*  
 HIST 222 *England Since 1688*  
 HIST 243 *Modern Middle East*  
 HIST 244 *Modern China*  
 HIST 250 *History of Southern Africa*  
 HIST 251 *History of Central Africa*  
 HIST 252 *History of East Africa*  
 HIST 253 *History of West Africa*  
 HIST 280 *Contemporary Africa*  
 HIST 285 *Twentieth Century East Asian-American Relations*  
 HIST 304 *Mao and the Chinese Revolution*  
 HIST 310 *The Iraq War*  
 HIST 341 *The Arab-Israeli Conflict*  
 POLI 371 *Latin America*  
 POLI 372 *China and East Asia*  
 POLI 373 *Palestine, Israel and the Middle East*

#### Institutions and Governance (1 credit)

HIST 334 *Comparative Genocides*  
 POLI 283 *Model United Nations*  
 POLI 325 *International Law and Organizations*  
 POLI 326 *International Human Rights*  
 POLI 353 *Conflict Management and Resolution*

#### Foreign Policy (1 credit)

POLI 281 *U.S. Foreign Policy*  
 POLI 282 *Comparative Foreign Policy*

#### Research Methods/Capstone (3 credits)

MATH 215 *Statistical Analysis*  
 POLI 400 *Research Methods*  
 POLI 497 *Senior Research Seminar*



**Electives (2 credits)**

Two additional courses from the above lists and others as approved by the department upon petition.

**Study Abroad Requirement**

All international relations majors must complete at least one study abroad experience that earns at least one Hendrix course credit. Students must seek approval from the department before completing this requirement. With approval by the department, this study abroad credit may substitute for one of the required courses listed above.

## Minor

Seven courses distributed as follows:

**International Relations (2 credits)**

POLI 250 *History of the International System*  
POLI 251 *Theories of International Relations*

**Economics (1 credit)**

POLI 260 *Political Economy*  
ECON 360 *International Economics*

**Comparative/Regional Studies (1 credit)**

HIST 170 *Contemporary Europe*  
HIST 222 *England Since 1688*  
HIST 243 *Modern Middle East*  
HIST 244 *Modern China*  
HIST 250 *History of Southern Africa*  
HIST 251 *History of Central Africa*  
HIST 252 *History of East Africa*  
HIST 253 *History of West Africa*  
HIST 280 *Contemporary Africa*  
HIST 285 *Twentieth Century East Asian-American Relations*  
HIST 304 *Mao and the Chinese Revolution*  
HIST 310 *The Iraq War*  
HIST 341 *The Arab-Israeli Conflict*  
POLI 371 *Latin America*  
POLI 372 *China and East Asia*  
POLI 373 *Palestine, Israel and the Middle East*

**Institutions and Governance (1 credit)**

HIST 334 *Comparative Genocides*  
POLI 283 *Model United Nations*  
POLI 325 *International Law and Organizations*  
POLI 326 *International Human Rights*  
POLI 353 *Conflict Management and Resolution*

**Foreign Policy (1 credit)**

POLI 281 *U.S. Foreign Policy*  
POLI 282 *Comparative Foreign Policy*

**Electives (1 credit)**

One additional course from the above lists or as approved by the department.

**COURSE PLANNING:**

POLI 100, 250 and 251 are considered foundational courses and should, ideally, be taken before the 300-level courses. MATH 215 *Statistical Analysis* should be taken before POLI 400 *Research Methods*. We recommend that *Research Methods* be taken in the spring of the junior year. Students planning to study abroad during the junior year should take MATH 215 and POLI 400 in their sophomore year.

The Department strongly recommends students tailor their academic program, as well as supporting coursework, to their interests and career goals in consultation with an advisor. Students interested in satisfying the Economics requirement for the IR major by taking ECON 360 should take ECON 200 *Microeconomics* and ECON 210 *Macroeconomics*. For those students, these two economics courses are required as prerequisites for ECON 360. Moreover, we encourage students to pursue additional foreign language training beyond the College's basic foreign language requirement and to complement the major by taking relevant courses in Sociology, Anthropology, and/or Religion.

**SENIOR CAPSTONE EXPERIENCE:**

The Senior Capstone Experience for the International Relations major consists of the successful completion of POLI 497 *Senior Research Seminar*. The grade for the Senior Capstone Experience is based on the grade in POLI 497 *Senior Research Seminar*.

## KINESIOLOGY

The Kinesiology major is currently being redesigned, and no new majors are being accepted. Continuing students should consult the *Catalog* under which they are graduating for requirements for the Kinesiology major. New majors will continue to be accepted into the Allied Health program.

## MATHEMATICS

There are two majors in the Department of Mathematics and Computer Science, a major in Mathematics and a major in Computer Science. The information in this section refers only to the mathematics major and minor.

### Major

Eleven courses distributed as follows:

- MATH 130 *Calculus I*
- MATH 140 *Calculus II*
- MATH 240 *Discrete Mathematics*
- MATH 290 *Introduction to Advanced Mathematics*
- One of the following two-course sequences:
  - MATH 320 *Algebra* and MATH 420 *Seminar in Algebra*
  - MATH 350 *Real Analysis* and MATH 450 *Seminar in Analysis*
- Two courses chosen from the following:
  - Any mathematics course numbered 230 or above
  - CSCI 151 *Foundations of Computer Science II*
  - CSCI 380 *Theory of Computation*
  - ECON 300 *Intermediate Microeconomics*
  - ECON 430/530 *Management Science*
  - PHYS 380 *Classical Mechanics*
- Three additional courses chosen from the following:
  - Any mathematics course numbered 300 or above
  - CSCI 380 *Theory of Computation*

Each senior mathematics major must also enroll in the year-long MATH 497 *Senior Seminar*. A working knowledge of a high-level computer language such as C++ or Java is strongly recommended.

### Minor

The minor in mathematics consists of the following 6 courses:

- MATH 130 *Calculus I*
- MATH 140 *Calculus II*
- MATH 240 *Discrete Mathematics*
- MATH 290 *Introduction to Advanced Mathematics*
- one mathematics course numbered 230 or above
- one mathematics course numbered 300 or above

#### COURSE PLANNING:

- A student interested in a mathematics major is advised to take MATH 130 *Calculus I* and MATH 140 *Calculus II* during the first year, provided the student has received an appropriate placement recommendation.

- If the department's recommendation is that the student should take MATH 120 *Functions and Models*, the student considering a mathematics major should take MATH 120 *Functions and Models*, and then MATH 130 *Calculus I*. In that case, MATH 140 *Calculus II* may be taken during the sophomore year.
- Students scoring 4 or 5 on the AP Calculus Exam (AB) and those scoring 3 or higher on the AP Calculus Exam (BC) will receive credit for MATH 130 *Calculus I*. Students scoring 4 or 5 on the AP Calculus Exam (BC) will receive credit for both MATH 130 *Calculus I* and MATH 140 *Calculus II*. A student who studied calculus before enrolling in Hendrix College may receive course credit for *Calculus I* if he or she takes *Calculus II*, with consent of the instructor, and passes it with a grade of "C" or better. Alternatively, a student may receive course credit for MATH 140 *Calculus II* if he or she takes MATH 230 *Multivariable Calculus* or MATH 260 *Differential Equations* with consent of the instructor and passes it with a grade of "C" or better.
- Typically, the sophomore year schedule of a mathematics major should include MATH 240 *Discrete Mathematics* and MATH 290 *Introduction to Advanced Mathematics*, (both required for the major) and would preferably include at least one other mathematics course listed at the 200-level or a computer science course. Those preparing for graduate studies in mathematics should try to take MATH 270 *Linear Algebra*, MATH 320 *Algebra*, MATH 350 *Real Analysis* and at least one of MATH 230 *Multivariable Calculus* and MATH 260 *Differential Equations*.

#### SENIOR CAPSTONE EXPERIENCE:

The Senior Capstone Experience for mathematics majors consists of a year-long undergraduate research project and active participation in MATH 497 *Senior Seminar*.

## MUSIC

### Major

- MUSI 101 *Introduction to Music Studies*
- MUSI 201 *Musicianship Skills* (MUSI 100 or the placement exam is a prerequisite for this course)
- MUSI 202 *Introduction to Diatonic Harmony*
- MUSI 301 *Introduction to Chromatic Harmony and Twentieth-Century Practices*
- MUSI 302 *Form and Analysis in Western Music*
- MUSI 401 *Medieval, Renaissance, and Baroque Music*
- MUSI 402 *Classic, Romantic, and Modern Music*
- MUSI 497 *Senior Seminar*

- four course credits worth of music electives
- six semesters of applied music in the major instrument or voice (either MUSA 300 or MUSA 400) (may be used to satisfy a music elective) and
- six semesters of the appropriate ensemble (MUSA 200) (may be used to satisfy a music elective);
- six semesters of recital attendance (MUSA 100)
- proficiency exam in piano and keyboard harmony (MUSA PP)
- proficiency exam in solfege and sight-singing (MUSA SS)
- proficiency exam in aural skills (MUSA AS)

### Minor

- MUSI 101 *Introduction to Music Studies*  
or
- MUSI 150 *Introduction to Western Classical Music*
- MUSI 180 *Film Music*
- MUSI 201 *Musicianship Skills* (MUSI 100 or the placement exam is a prerequisite for this course)
- MUSI 202 *Introduction to Diatonic Harmony*
- One music history/literature class from the following:  
MUSI 230 *History of Jazz*  
MUSI 250 *Introduction to Opera*  
MUSI 260 *Classical and Popular Music since 1900*  
MUSI 270 *Introduction to World Music*  
MUSI 280 *Topics in Music*  
MUSI 401 *Medieval, Renaissance, and Baroque Music*  
MUSI 402 *Classic, Romantic, and Modern Music*
- one course credit of private applied study (either MUSA 300 or MUSA 400)
- one elective

#### COURSE PLANNING:

The major in music may be completed in three years; however, most music majors begin the major in the first year and spread their requirements over four years. Because of the sequential nature of the courses and the fact that some required courses are offered only every other year, it is NOT possible to begin the music major in the third year and still complete a Hendrix degree in four years.

The Music Department recommends that music majors who plan to study abroad during their time at Hendrix begin the music major during the first year of study.

Students considering a major in music are strongly advised to take the first-year requirements for the major (MUSI 101, 201, 202, applied lessons, and ensemble) during the first year.

	FALL	SPRING
<b>First Year</b>	MUSI 101 <i>Introduction to Music Studies</i> Lessons Ensemble Recital Attendance	MUSI 201 <i>Basic Musicianship Skills</i> Lessons Ensemble Recital Attendance
<b>Second Year</b>	MUSI 202 <i>Introduction to Diatonic Harmony and Counterpoint</i> Lessons Ensemble Recital Attendance	MUSI 301 <i>Introduction to Chromatic Harmony and Twentieth Century Practices</i> Lessons Ensemble Recital Attendance
<b>Second Year Alternate</b> (for years in which MUSI 301 and 302 are not offered)	MUSI 202 <i>Introduction to Diatonic Harmony and Counterpoint</i> MUSI 401 <i>Medieval, Renaissance, and Baroque Music</i> Lessons Ensemble Recital Attendance	MUSI 301 <i>Introduction to Chromatic Harmony and Twentieth Century Practices</i> MUSI 402 <i>Classic, Romantic, and Modern Music</i> Lessons Recital Attendance Ensemble
<b>Third Year</b>	MUSI 302 <i>Form and Analysis in Western Music</i> MUSI 401 <i>Medieval, Renaissance, and Baroque Music</i> Lessons Ensemble Recital Attendance	MUSI 402 <i>Classic, Romantic, and Modern Music</i> Lessons Ensemble Recital Attendance
<b>Third year Alternate</b> (for years in which MUSI 301 and 302 are offered)	Lessons Ensemble Recital Attendance	Lessons Ensemble Recital Attendance
<b>Fourth Year</b>	MUSI 497 <i>Senior Seminar</i>	Elective (if needed)
<b>Fourth year Alternate</b> (for years in which MUSI 301 and 302 are offered)	MUSI 497 <i>Senior Seminar</i> MUSI 302 <i>Form and Analysis in Western Music</i>	Elective (if needed)

**Notes:** Concurrent enrollment in piano lessons during the theory sequence is required until the piano proficiency is passed. No additional fee is charged for these lessons.

The requirement for MUSI 201 may be met by passing the Hendrix Theory Placement Exam given during orientation week in the fall. Credit for MUSI 201 will be given only upon successful completion of MUSI 202.

Students may not pre-register for MUSA courses; they may enroll in lessons and ensembles only with the permission of the appropriate teacher or director. Permission must be obtained during the first week of classes each semester. Policies and timetables for adding, dropping and withdrawing from lessons and ensembles are the same as those for all other courses. See the *Catalog* for policies concerning the granting of grades and credit for lessons and ensembles.

Choir and voice lessons.....Dr. Fleming  
 Piano, organ, and accompanying ..... Dr. Krebs/Dr. Boehm  
 Chamber Orchestra and string lessons..... Dr. Griebing  
 Wind Ensemble (Band), Jazz Ensemble, and woodwind,  
 brass, and percussion lessons.....Dr. Fannin

The requirement for four music electives in the music major may be met by successfully completing 4 course credits worth of MUSA 200 and 300 courses or 2 or more course credits of MUSA 200 and 300 courses in combination with elective MUSI courses.

**Proficiency Exams**

All music majors are required to pass proficiency exams in piano, solfege, and aural skills. Majors are required to attempt these exams no later than the semester in which MUSI 302 is completed. In addition, students are required to study piano each semester during the theory sequence until this part of the requirement is met, at no additional fee. Students who are unable to pass proficiencies in any of these areas are required to take the exams each successive semester until they are successfully completed. No grade will be awarded for MUSI 302 until all three examinations are passed.

**SENIOR CAPSTONE EXPERIENCE:**

The Senior Capstone Experience for the music major consists of a comprehensive examination and a senior project. The comprehensive exam is the standardized Major Field Achievement Test (MFT). The senior project may take the form of a research paper, a lecture recital, a portfolio of original compositions, or a recital accompanied by written program notes. Preparation for this project is a part of MUSI 497 *Senior Seminar*. In the space reserved for the Senior Capstone Experience, transcripts for music majors will contain two grades, a grade received for the MFT and a grade received for the senior project.

**PHILOSOPHY**

**General Comments**

**Classes for first-year students:**

Students in their first year may take any 100-level or 200-level course in philosophy, up to and including PHIL 285 *Ancient Philosophy*.

**Classes for non-majors:**

Any philosophy course except PHIL 497 may be taken by a properly interested student if there is no stated prerequisite or by obtaining consent of the course instructor.

**Major**

Ten courses distributed as follows:

- PHIL 285 *Ancient Philosophy*
- PHIL 295 *Seventeenth and Eighteenth Century Philosophy*
- PHIL 300 *Nineteenth Century Philosophy*
- PHIL 497 *Senior Thesis*
- Six other philosophy courses, at least three of which must be 300-level or above. Topics not covered in courses described below are available to majors through individually arranged independent studies.

**Minor**

- PHIL 285 *Ancient Philosophy*
- PHIL 295 *Seventeenth and Eighteenth Century Philosophy*
- PHIL 300 *Nineteenth Century Philosophy*
- three other philosophy courses, at least one of which must be 300-level or above.

**COURSE PLANNING:**

**Outline of a typical major, beginning the sophomore year:**

	FALL	SPRING
Second Year	PHIL 285 <i>Ancient Philosophy</i> PHIL 100/200-level Open	PHIL 295 <i>17th/18th Century Phil.</i> PHIL 200-level Open
Third Year	PHIL 300 <i>19th Century Philosophy</i> PHIL 200/300-level Open	PHIL 200/300-level Open PHIL 300-level Open or PHIL 490 <i>Topics</i>
Fourth Year	PHIL 300/400-level Open PHIL 300/400-level Open	PHIL 497 <i>Senior Thesis</i> PHIL Open

**Outline of a possible major, beginning the junior year:**

	FALL	SPRING
Third Year	PHIL 285 <i>Ancient Philosophy</i> PHIL 200-level Open PHIL 200-level Open	PHIL 295 <i>17th/18th Century</i> PHIL 200/300-level Open
Fourth Year	PHIL 300 <i>19th Century Philosophy</i> PHIL 497 <i>Senior Thesis</i> PHIL 300/400-level Open	PHIL 300-level Open PHIL 300-level Open or PHIL 490 <i>Topics</i>

**SENIOR CAPSTONE EXPERIENCE:**

While enrolled in PHIL 497 *Senior Thesis*, each philosophy major (or philosophy and religion major who chooses the philosophy capstone experience) will choose a philosophical topic or question to investigate under the guidance of one member of the department. This research will lead to a substantial thesis paper. A shorter presentation of this work will be delivered and discussed at the end of the spring semester.

**Notes for philosophy majors:**

Students intending to continue their study of philosophy in graduate school should work closely with their advisor to develop an appropriate course of study. In general, it is recommended that one include PHIL 330 *Ethical Theory* and PHIL 150 *Logic* in his or her program of studies. Also one should sample both the Continental European Tradition, by taking courses such as PHIL 240 or a Topics course dealing with this tradition, and the British American Tradition, by taking courses such as PHIL 380, PHIL 385, or PHIL 480.

Majoring in philosophy can provide excellent preparation for students planning to seek graduate or professional degrees in other fields, including law, medicine, journalism, business administration, and others. Furthermore, a major in philosophy is an excellent choice for students who do not plan to seek further graduate training but desire a major that will prepare them to lead intellectually rich and reflective lives. Such students are encouraged to work closely with their advisor in order to develop a curricular plan consonant with their particular interests.

### Philosophy and Religious Studies Major

A total of ten courses in philosophy and religion studies to include:

- no fewer than four courses in philosophy
- two must be chosen from
  - PHIL 285 *Ancient Philosophy*
  - PHIL 295 *Seventeenth and Eighteenth Century Philosophy*
  - PHIL 300 *Nineteenth Century Philosophy*
- No fewer than four courses in religion
- PHIL 370/RELI 370 *Philosophy of Religion*
- PHIL 497 *Senior Thesis* or RELI 497 *Senior Colloquium*
- at least four other courses 200-level or above.

Philosophy and Religious Studies majors cannot major or minor in either philosophy or religion.

**COURSE PLANNING:**

In consultation with their advisors, Philosophy and Religious Studies majors should work out a two or three year plan according to their area of emphasis. It is perhaps advisable to take at least one of the two required courses from the history of philosophy sequence during one's sophomore year and to take PHIL 370 (or RELI 370) during one's junior year. PHIL 497 or RELI 497 must be taken the senior year. The remaining six

electives, four of which must be 200-level or above, may be spread across the years according to the student's needs and interests. Remember that one's total set of ten classes for the major must include at least four from each department.

**SENIOR CAPSTONE EXPERIENCE**

While enrolled in PHIL 497 *Senior Thesis*, each philosophy major (or philosophy and religious studies major who chooses the philosophy capstone experience) will write a substantial thesis paper on some aspect of the topic covered in the seminar that particular year. A shorter presentation of this work will be delivered and discussed at the end of the spring semester.

## PHYSICS

### Major

Fourteen (14) courses distributed as follows:

**Physics (9)**

- PHYS 210 *General Physics I*
- or
- PHYS 230 *General Physics I (Calculus-based)*
- PHYS 220 *General Physics II*
- or
- PHYS 240 *General Physics II (Calculus-based)*
- PHYS 305 *Vibrations and Waves*
- PHYS 315 *Modern Physics*
- PHYS 340 *Electronics*
- or
- PHYS 350 *Advanced Experimental Laboratory*
- or
- PHYS 450 *Directed Research*
- PHYS 320 *Electrodynamics*
- PHYS 330 *Quantum Mechanics*
- PHYS 370 *Thermal Physics*
- PHYS 380 *Classical Mechanics*

**Mathematics (3)**

- MATH 130 *Calculus I*
- MATH 140 *Calculus II*
- MATH 260 *Differential Equations*

**Chemistry (2)**

- CHEM 110 *General Chemistry I: Chemical Structure and Properties*
- CHEM 120 *General Chemistry II: Chemical Analysis and Reactivity*

## Minor

- PHYS 210 *General Physics I*  
or  
PHYS 230 *General Physics I (Calculus-based)*
- PHYS 220 *General Physics II*  
or  
PHYS 240 *General Physics II (Calculus-based)*
- PHYS 305 *Vibrations and Waves*
- PHYS 315 *Modern Physics*
- MATH 130 *Calculus I*
- MATH 140 *Calculus II*
- MATH 260 *Differential Equations*

### General Comments

1. The sequence of courses for a physics major is designed so that a student declaring a physics major in the first year can complete the requirements in three years. This creates enough flexibility for the student to take other physics electives or independent study in the senior year.
2. A first-year schedule for a student undecided between a major in chemistry or in physics should include some of the required introductory courses from both departments.
3. Students undecided between a mathematics and a physics major should take the required courses for the two majors in the first year and the fall semester of the second year.
4. The department recommends that physics majors take the GRE at the end of the fall term of the senior year to satisfy the departmental comprehensive examination requirement. Even though taking a departmental examination also satisfies the comp requirement, we highly recommend trying the GRE first.

### COURSE PLANNING:

**Table I** presents a typical course schedule for the student planning to take four years to finish the physics major.

**Table I**

	FALL	SPRING
First year	MATH 130 PHYS 210 or 230	MATH 140 PHYS 220 or 240
Second Year	PHYS 305 CHEM 110 MATH 260	PHYS 315 CHEM 120
Third Year	PHYS 330 or 370	PHYS 340, PHYS 320 or 380
Fourth Year	PHYS 330 or 370	PHYS 320 or 380

### Notes:

Calculus I should be taken prior to or concurrently with PHYS 230 *General Physics I (calculus-based)*, and Calculus II should be taken prior to or concurrently with PHYS 240 *General Physics II (calculus-based)*. Topics courses and research may be taken in the third and fourth years.

**Table II** presents a course schedule of a student planning to finish the physics major in three years.

**Table II**

	FALL	SPRING
First year	MATH 130 PHYS 210 or 230 CHEM 110	MATH 140 PHYS 220 or 240 CHEM 120
Second Year	MATH 260 PHYS 305 PHYS 370	PHYS 315 PHYS 320 or 380 PHYS 340
Third Year	PHYS 330 PHYS 370	PHYS 320 or 380

### Note:

PHYS 320 and PHYS 370 are offered only in even numbered years, PHYS 380 is offered only during odd numbered years. All other courses are offered every year.

### Pre-Engineering Program

Student interested in the Pre-engineering (3-2) program should follow Table II for the first year. Students interested in mechanical, electrical or civil engineering should also follow the second and third years of Table II. Students interested in chemical engineering should major in chemistry.

### SENIOR CAPSTONE EXPERIENCE:

The Senior Capstone Experience for the physics major consists of a comprehensive examination. Students have two options for the examination. The first option is to take the GRE Physics test administered by the Educational Testing Services (ETS). The second option is to take an exam given by the department faculty. The grade for the senior capstone experience is based on student performance on one of these examinations.

## POLITICS

### Major

Eleven courses distributed as follows:

- POLI 100 *Issues in Politics*
- MATH 215 *Statistical Analysis*
- POLI 400 *Research Methods*

- POLI 497 *Senior Research Seminar*
- **Political Theory:** TWO from:
  - POLI 240 *History of Western Political Thought*
  - POLI 245 *American Political Thought*
  - POLI 300 *Feminist Political Thought*
  - POLI 410 *Topics in Political Theory*
  - PHIL 285 *Plato and Aristotle*
  - PHIL 360 *Social and Political Philosophy*
- **American Politics:** TWO from:
  - POLI 130 *American State and Local Government*
  - POLI 205 *Southern Politics*
  - POLI 220 *American Political Parties and Elections*
  - POLI 230 *Public Administration*
  - POLI 235 *Public Policy*
  - POLI 305 *Arkansas Politics: Seminar*
  - POLI 306 *Arkansas Politics: Practicum*
  - POLI 310 *American Presidency*
  - POLI 321 *American Constitutional Law: The Federal System*
  - POLI 322 *American Constitutional Law: Individual Rights*
  - POLI 340 *U.S. Congress*
  - POLI 365 *Topics in Public Policy*
  - POLI 380 *Gender, Sexuality, and American Politics*
  - POLI 390 *Race and American Politics*
  - POLI 420 *Topics in American Politics*
- **Comparative/Global Politics:** TWO from:
  - POLI 250 *History of the International System*
  - POLI 251 *Theories of International Relations*
  - POLI 260 *Political Economy*
  - POLI 281 *U.S. Foreign Policy*
  - POLI 282 *Comparative Foreign Policy*
  - POLI 283 *Model United Nations*
  - POLI 325 *International Law and Organizations*
  - POLI 326 *International Human Rights*
  - POLI 353 *Conflict Management and Resolution*
  - POLI 371 *Latin America*
  - POLI 372 *China and East Asia*
  - POLI 373 *Palestine, Israel, and the Middle East*
  - POLI 430 *Topics in Comparative Politics*
  - POLI 440 *Topics in International Relations*
- **Elective:** One additional courses numbered 200 and above.

## Minor

- POLI 100 *Issues in Politics*
- One course each from the Political Theory, American Politics, and Comparative/Global Politics subfields.
- two other courses in Politics numbered 200 and above.

### COURSE PLANNING:

There are no prerequisites for politics courses except POLI 497 *Senior Research Seminar* which requires POLI 400 *Methods in Political Analysis* and MATH 215 *Statistical Analysis*. Students who plan to study abroad in their Junior year should take POLI 400 and MATH 215 in their sophomore year. All students should take politics courses at the appropriate level, although freshers may take 200-level courses beginning their first semester, if desired. Students should not take POLI 497 *Senior Research Seminar* until their senior year. Students are highly recommended to take either POLI 260 or an Economics course before taking any POLI 37X course, POLI 430 *Topics in Comparative Politics*, or POLI 440 *Topics in International Relations*. The department recommends no particular “supporting program” for majors.

### SENIOR CAPSTONE EXPERIENCE:

The Senior Capstone Experience for the politics major consists of the successful completion of POLI 497 *Senior Research Seminar*. The grade for the Senior Capstone Experience is based on the grade in POLI 497 *Senior Research Seminar*.

## PSYCHOLOGY

The curriculum in the Department of Psychology is designed to provide an introduction to the subfields within the discipline. Emphasis throughout is on the scientific study of behavior and its underlying cognitive and biological processes.

## Major

A psychology major requires ten courses in psychology, including PSYC 290 *Statistics* and PSYC 295 *Research Methods*.

Other courses counted toward the major must be distributed in the following manner:

- Two courses from Cluster A (at least one of which must include a laboratory):
  - PSYC 150 *Comparative Animal Behavior in the Tropics*
  - PSYC 260 *Human Sexuality*
  - PSYC 300 *Comparative Animal Behavior*
  - PSYC 320 *Cognitive Psychology*

PSYC 330 *Learning*  
 PSYC 335 *Sensation and Perception*  
 PSYC 355 *Evolutionary Psychology*  
 PSYC 360 *Behavioral Neuroscience*

- Two courses from Cluster B:

PSYC 210 *Developmental Psychology*  
 PSYC 230 *Social Psychology*  
 PSYC 235 *Applied Social Psychology*  
 PSYC 285 *Cross-cultural Psychology*  
 PSYC 345 *Applied Psychology*  
 PSYC 370 *Personality*

- One course from Cluster C:

PSYC 380 *Psychology Practicum*  
 PSYC 390 *History and Systems*  
 PSYC 400 *Psychology of Gender*  
 PSYC 450 *Senior Seminar*  
 PSYC 480 *Advanced Research*

- Electives: Three courses from psychology listings at any level.
- A minimum of four of the ten courses must be at the 300-level or above.

## Minor

Six courses in psychology, at least three of which must be at the 300-level or above.

### COURSE PLANNING:

If students do not have a good background in psychology, the first psychology course to take is PSYC 110 *Introduction to Psychology*. A second course should be chosen from PSYC 210 *Developmental Psychology* or PSYC 230 *Social Psychology*. Students who major in psychology often take one of these 200-level courses the first year. It should be emphasized, however, that students who have had a year-long course in psychology while in high school may wish to skip Introduction to Psychology and take either PSYC 210 *Developmental Psychology*, PSYC 230 *Social Psychology*, or PSYC 285 *Cross-cultural Psychology*.

For Psychology majors, the next two courses should be PSYC 290 *Statistics* and PSYC 295 *Research Methods* (a laboratory course). Both Statistics and Research Methods are required for the major and should be taken during the sophomore year, if possible. Ordinarily, first year students are discouraged from enrolling in either of these courses.

After taking the introductory and foundational courses listed above, students are ready to take courses that explore psychological topics in depth. These courses are:

PSYC 235 *Applied Social Psychology*  
 PSYC 260 *Human Sexuality*  
 PSYC 285 *Cross-cultural Psychology*  
 PSYC 300 *Comparative Animal Behavior (Lab)*  
 PSYC 320 *Cognitive Psychology (Lab)*  
 PSYC 330 *Learning*  
 PSYC 333 *Industrial-Organizational Psychology*  
 PSYC 335 *Sensation and Perception*  
 PSYC 340 *Psychological Assessment*  
 PSYC 345 *Applied Psychology*  
 PSYC 351 *Health Psychology*  
 PSYC 352 *Social Cognition*  
 PSYC 355 *Evolutionary Psychology*  
 PSYC 360 *Behavioral Neuroscience (Lab)*  
 PSYC 267 *Psychology and Law*  
 PSYC 370 *Personality*  
 PSYC 385 *Abnormal Psychology*

Finally, courses that are designed for students with a good background in psychology are:

PSYC 380 *Psychology Practicum*  
 PSYC 390 *History and Systems*  
 PSYC 400 *Psychology of Gender*  
 PSYC 450 *Senior Seminar*  
 PSYC 480 *Advanced Research*

### Sequencing of Courses:

1. Statistics is a prerequisite for Research Methods.
2. Research Methods is a prerequisite for most other psychology laboratory courses.

### Notes:

1. Students planning to go to graduate schools that require the Psychology portion or the General portion of the GRE are advised to take these tests at the end of the junior year or early in the senior year.
2. Students who have already taken two or more psychology courses at the 200-level or above will **not** be allowed to take Introduction to Psychology.
3. PSYC 380 *Psychology Practicum* will not count toward the minor.
4. PSYC 150 *Comparative Animal Behavior in the Tropics* is a summer course appropriate for students at any level.
5. PSYC 185 *Sleep and Dreaming* and PSYC 190 *Social Psychology in Film* (when offered) are Maymester courses appropriate for students at any level.



**SENIOR CAPSTONE EXPERIENCE:**

The Senior Capstone Experience for the psychology major consists of successful completion of a Cluster C course and a comprehensive examination. The examination is the Major Field Test (MFT) in psychology and is intended as an assessment device for senior psychology majors. It consists of 140 multiple-choice items covering the major areas of psychology. The examination is normally taken during the spring semester of the senior year. The grade for the Senior Capstone Experience is based on the MFT standardized score.

**RELIGIOUS STUDIES****Religious Studies Major**

A total of ten courses, five of which must be 300-level or above, distributed as follows:

- RELI 395 *Theories and Research in Religion*
- RELI 497 *Senior Colloquium*
- Two (2) in World Religions
  - RELI 110 *Religion in a Global Context*
  - RELI 111 *Asian Religions: An Introduction*
  - RELI 210 *Native American Religions*
  - RELI 216 *Judaism*
  - RELI 222 *Chinese Religions*
  - RELI 223 *An Introduction to Hinduism*
  - RELI 225 *An Introduction to Buddhism*
  - RELI 335 *Shamans, Scholars, and Indigenous Religion*
  - RELI 337 *Contemporary Buddhist Thought*
  - RELI 338 *Tibetan Buddhist Culture*
  - RELI 339 *Contemporary Islamic Thought*
  - RELI 410 *Topics in Asian Religion*
- One (1) in Biblical Studies/Christianity
  - RELI 112 *Exodus*
  - RELI 115 *Christianity: An Introduction*
  - RELI 123 *Introduction to the Hebrew Bible (Old Testament)*
  - RELI 124 *Introduction to New Testament*
  - RELI 211 *African American Religions*
  - RELI 227 *Skeptics in Scripture: Ecclesiastes and Job*
  - RELI 228 *The Synoptic Gospels: The Jesus(es) of Matthew, Mark, & Luke*
  - RELI 230 *Early and Medieval Christianity*
  - RELI 231 *Modern Christianity since the Reformation*
  - RELI 327 *Race, Gender, Empire, and the Bible: Contemporary Approaches to Interpretation*

RELI 328 *The Bible and/as History*  
 RELI 331 *Revelation and Resistance*  
 RELI 336 *John Wesley and Methodism*  
 RELI 450 *Topics in Biblical Studies/Christianity*

- One (1) in Religion in America/Religion and Culture
  - RELI 243 *Contemporary Currents in American Religions*
  - RELI 245 *American Religions: An Historical Survey*
  - RELI 311 *Globalization and Religion*
  - RELI 317 *Religion and Politics*
  - RELI 330 *Religion, Gender, and Sexuality*
  - RELI 366 *Religion and Literature*
  - RELI 396 *Religion, Film and Visual Culture*
  - RELI 430 *Topics in Religion and Culture*
- One (1) in Philosophy of Religion and Theology
  - RELI 233 *Jesus Through the Centuries*
  - RELI 260 *Varieties of Evangelical Theologies*
  - RELI 262 *Science and Religion*
  - RELI 270 *Ecotheology: Religion, Animals and Earth*
  - RELI 332 *Concepts of God*
  - RELI 346 *Contemporary Christian Thought*
  - RELI 370 *Philosophy of Religion*
  - RELI 392 *Process Philosophy/Theology*
  - RELI 393 *Inter-Religious Dialogue*
  - RELI 394 *Mysticism, Meditation, and Prayer*
  - RELI 460 *Topics in Philosophy of Religion and Theology*

**Philosophy and Religious Studies Major**

A total of ten courses in philosophy and religion to include:

- no fewer than four courses in philosophy
- two must be chosen from
  - PHIL 285 *Ancient Philosophy*
  - PHIL 295 *Seventeenth and Eighteenth Century Philosophy*
  - PHIL 300 *Nineteenth Century Philosophy*
- No fewer than four courses in religion
- PHIL 370/RELI 370 *Philosophy of Religion* (will count for both RELI and PHIL)
- PHIL 497 *Senior Thesis* or RELI 497 *Senior Colloquium*
- at least four other courses 200-level or above.

Philosophy and Religious Studies majors cannot major or minor in either philosophy or religious studies.

Note that RELI 497 requires RELI 395 *Theory and Research in Religion*

## Religious Studies Minor

The minor in religious studies consists of six (6) religion courses including two (2) at the 300- 400-level.

### COURSE PLANNING (RELIGIOUS STUDIES MAJOR):

#### Courses appropriate for first-year students

All 100-level courses

All 200-level courses at the discretion of their Academic Advisors

#### Courses appropriate for sophomores

All of the courses listed above

All 200- and 300-level courses

400-level courses only upon consultation with the professors involved. (Some previous work in Religious Studies should ordinarily be taken prior to enrolling in a 400-level course, although exceptional cases are easy to envision.)

#### Courses appropriate for juniors and seniors

All courses except RELI 497 *Senior Colloquium*, which is for religious studies or philosophy and religious studies majors only.

### COURSE PLANNING (PHILOSOPHY AND RELIGIOUS STUDIES MAJOR):

In consultation with their advisors, Philosophy and Religious Studies majors should work out a two or three year plan according to their area of emphasis. It is perhaps advisable to take at least one of the two required courses from the history of philosophy sequence during one's sophomore year and to take PHIL 370 (or RELI 370) during one's junior year. Of course, PHIL 497 or RELI 497 will be taken the senior year. The remaining six electives, four of which must be 200-level or above, may be spread over the years according to the student's needs and interests. Remember, however, that one's total set of ten classes for the major must include at least four from each department.

### SENIOR CAPSTONE EXPERIENCE

The Senior Capstone Experience for the religious studies major centers upon the successful completion of RELI 497.

## SOCIOLOGY/ANTHROPOLOGY

### Major

Students may take a major in Sociology/Anthropology with an emphasis in either Sociology or Anthropology. Eleven courses are required for Sociology, five core courses and six electives to be selected from departmental

offerings. Twelve courses are required for Anthropology, six core courses and six electives. At least two of the six electives must be from the discipline that is not the major emphasis. Majors in Sociology/Anthropology may not take a minor in Sociology or Anthropology, and may not double major in Sociology and Anthropology.

### EMPHASIS IN SOCIOLOGY

#### Core courses:

- SOCI 110 *Introduction to Sociology*
- SOCI 335 *Sociological Research Methods*
- SOCI 365 *Picturing Society: Readings in Social Thought*
- SOCI 480 *Advanced Research/Practicum*

or

SOCI 497 *Advanced Research and Writing*

- BUSI 250 *Principles of Statistics*

or

MATH 210 *Statistical Analysis*

or

PSYC 290 *Statistics*

#### Sociology/Anthropology Electives:

Any four additional sociology courses and any two anthropology courses

### EMPHASIS IN ANTHROPOLOGY

#### Core Courses:

- ANTH 100 *Introduction to Cultural Anthropology*
- ANTH 102 *Introduction to Archaeology and Physical Anthropology*
- ANTH 300 *Ethnographic Methods*

or

ANTH 302 *Archaeological Methods*

- ANTH 365 *Anthropological Theory*
- SOCI 480 *Advanced Research/Practicum*

or

SOCI 497 *Advanced Research and Writing*

- BUSI 250 *Principles of Statistics*

or

MATH 210 *Statistical Analysis*

or

PSYC 290 *Statistics*

#### Sociology/Anthropology and Other Electives:

Any four additional anthropology courses and any two sociology courses.

## Minor

### Minor in Sociology:

Six courses in Sociology are required including:

- SOCI 365 *Picturing Society: Readings in Social Thought*
- at least two additional Sociology courses numbered 300 or above.

### Minor in Anthropology:

Six courses in Anthropology are required including:

- ANTH 365 *Anthropological Theory*
- at least two additional Anthropology courses numbered 300 or above or approved substitutes.

### COURSE PLANNING:

Notes: Courses with an asterisk (\*) are required courses.

#### Major with Emphasis in Sociology

First Year \* SOCI 110 *Introduction to Sociology*

Second Year SOCI 250 *Sociology of the Family*  
 SOCI 265 *Social Change/Social Movements*  
 SOCI 270 *Racial and Ethnicity*  
 \* BUSI 250 *Principles of Statistics*, or \*MATH 210 *Statistical Analysis*  
 or \*PSYC 290 *Statistics*

Third Year SOCI 300 *The Urban Community*  
 SOCI 310 *Gender and Sexuality*  
 \* SOCI 335 *Sociological Research Methods*  
 SOCI 340 *Food, Culture, and Nature*  
 SOCI 362 *Images of the City*  
 \* SOCI 365 *Picturing Society: Readings in Social Thought*  
 SOCI 375 *Environmental Sociology*  
 SOCI 380 *Medicine and Culture*  
 SOCI 390 *Social Inequality and Identity (alternates with ANTH 390)*

Fourth Year SOCI 490 *Selected Topics*  
 \* SOCI 480 *Advanced Research/Practicum*  
 or  
 SOCI 497 *Advanced Research Practicum*

Note: Majors with an emphasis in Sociology must take at least two Anthropology courses.

#### Major with Emphasis in Anthropology

First year \* ANTH 100 *Introduction to Cultural Anthropology*  
 \* ANTH 102 *Introduction to Archaeology and Physical Anthropology*

Second Year ANTH 200 *Buried Cities and Lost Tribes*  
 ANTH 230 *Cultures of the United States-Mexico Borderlands*  
 ANTH 240 *Applying Anthropology*  
 ANTH 250 *Visual Anthropology*  
 ANTH 260 *Indian Past*  
 ANTH 280 *Anthropology of Gender*  
 \* BUSI 250 *Principles of Statistics* or \*MATH 210 *Statistical Analysis*,  
 or \*PSYC 290 *Statistics*

Third Year \* ANTH 300 *Ethnographic Methods* or ANTH 302 *Archaeological Methods*  
 ANTH 325 *Peoples/Cultures of the Near East*  
 ANTH 310 *Anthropology and Education*  
 ANTH 330 *Human Impact on Ancient Environments*  
 \* ANTH 365 *Anthropological Theory* (offered every other year, may be taken in either third or fourth year)  
 ANTH 390 *Social Inequality and Identity (alternates with SOCI 390)*

Fourth Year ANTH 335 *Geographical Information Science*  
 ANTH 360 *Globalization and Transnationalism*  
 ANTH 490 *Selected Topics*  
 \* ANTH 480 *Advanced Research/Practicum*  
 or  
 ANTH 497 *Advanced Research and Writing*

Note: Majors with an emphasis in Anthropology must take at least two Sociology courses.

### General Notes:

Sociology/Anthropology majors planning to take coursework away from Hendrix, including foreign study, should confer with the Sociology/Anthropology faculty before such study is undertaken.

### SENIOR CAPSTONE EXPERIENCE:

The Senior Capstone Experience for the sociology/anthropology major includes the completion of a senior thesis either in SOCI/ANTH 480 *Advanced Research/Practicum* or ANTH/SOCI 497 *Advanced Research and Writing*. The thesis will be presented and defended orally. Students may also present their research at a professional conference or other forum. The grade for the Senior Capstone Experience is an average of the grade for the written senior thesis and the grade for the senior thesis oral presentation.

## Pre-professional Programs Related to Sociology

### Pre-Social Work

Students interested in pursuing a career in social work should take courses in group relations (social sciences, especially anthropology and sociology) and human development (biological and psychological sciences) regardless of major.

### Other Programs Related to Sociology and Anthropology

Students contemplating pre-professional study for careers in law, ministry, public health, criminal justice, city planning, environmental studies, education, and gender studies are invited to consult with the departmental faculty.

## THEATRE ARTS AND DANCE

The Department of Theatre Arts and Dance offers a major in Theatre Arts, a minor in Theatre Arts and a minor in Dance. Students choosing to major in Theatre Arts and minor in Dance may double count courses required for the major toward the completion of the minor. Students who declare a major in Theatre Arts must engage a member of the department as their academic advisor no later than the Fall semester of their junior year.

### Theater Arts Major

Twelve courses distributed as follows:

- TART 120 *Voice, Articulation, and Text Reading*
- TART 140 *Beginning Acting*
- TART 150 *Stage Movement and the Alexander Technique*
- TART 210 *Script Into Performance: Text Analysis*
- TART 220 *Theatre Practicum*
- TART 260 *Theatre Production: Scenery and Lighting*
- TART 280 *Theatre Production: Costume and Make-up*
- TART 310 *History of the Theatre and Drama I*
- TART 311 *History of the Theatre and Drama II*
- TART 430 *Stage Directing*
- TART 450 *Production Design*
- TART 497 *Senior Seminar*

These courses, or their equivalents as certified by the department, constitute the major.

### Theatre Arts Minor

A minor in Theatre Arts will consist of at least six courses distributed as follows:

- TART 210 *Script Into Performance: Text Analysis*
- TART 220 *Theatre Practicum*
- Any one of the following:
  - TART 120 *Voice, Articulation, and Text Reading*
  - TART 140 *Beginning Acting*
  - TART 150 *Stage Movement and the Alexander Technique*
  - DANC 160 *Reading and Writing Dance*
- Any one of the following:
  - TART 260 *Theatre Production: Scenery and Lighting*
  - TART 280 *Theatre Production: Costume and Make-up*
- Any one of the following:
  - TART 310 *History of the Theatre and Drama I*
  - TART 311 *History of the Theatre and Drama II*
- Any one of the following:
  - TART 290 *Playwriting*
  - TART 430 *Stage Directing*
  - TART 450 *Production Design*

### Dance Minor

A minor in Dance will consist of at least seven courses distributed as follows:

- DANC 160 *Reading and Writing Dance*
- DANC 325 *Choreography*
- TARA A30 *Dance Ensemble* (four full semesters)
- TART 220 *Theatre Practicum*
- Any two of the following:
  - DANC 215 *Modern Dance Technique*
  - DANC 216 *Ballet Technique*
  - DANC 217 *Jazz Dance Technique*
  - TART 150 *Stage Movement and Alexander Technique*
- TART 260 *Theatre Production: Scenery and Lighting*  
OR  
TART 280 *Theatre Production: Costume and Makeup*

### COURSE PLANNING:

Generally, Theatre Arts majors should adopt the following course sequencing guidelines: 100-level courses for first year students; 200-level courses for second year students; 300- and 400-level courses for third year students and for fourth year students. With some exceptions all major coursework is offered yearly. Students interested in pursuing a Dance minor should contact the Director of the Dance Ensemble.

- First year:**
- TART 120 *Voice, Articulation, and Text Reading*
  - TART 140 *Beginning Acting*
  - TART 150 *Stage Movement and the Alexander Technique*

**TART 260 *Theatre Production: Scenery and Lighting***

The Department recommends completion of three of these four courses during the first year.

**Second year:** TART 210 *Script into Performance: Text Analysis*

TART 280 *Theatre Production: Costume and Make-up*

The Department recommends completion of all of the above courses by the end of the second year.

**Third year:** TART 310 *History of Theatre and Drama I* (alternate years)

TART 311 *History of Theatre and Drama II* (alternate years)

TART 450 *Production Design*

**Fourth year:** TART 430 *Stage Directing*

TART 497 *Senior Seminar*

**SENIOR CAPSTONE EXPERIENCE:**

The Senior Capstone Experience for the theatre arts major consists of three parts. Parts one and two are completed during the Fall Semester and part three is completed during the Spring semester of the senior year.

Part one consists of an oral presentation, either a lecture demonstration or an acting audition. Part two is a written/visual presentation of the student's manifesto for theatre. The grade average of these two components is entered on the student's transcript but is not calculated in the GPA. Part three is participation in TART 497 *Senior Seminar*.

**TEACHER CERTIFICATION IN SPEECH AND DRAMA:**

The Department of Theatre Arts and Dance strongly recommends that students wishing to certify as secondary teachers of speech and drama in the state of Arkansas should enroll in TART 110 *The Art of Public Speaking* (or its equivalent at another institution) before participating in student teaching.

Students who are considering teacher certification in speech and drama should consult with the department faculty before the end of their sophomore year.

**DANCE ACTIVITY COURSES: MODERN, AND BALLET**

These three courses are offered as Kinesiology Activity courses. They meet the Physical Activity requirement and should be registered in the same way as all KINA courses.

**HENDRIX DANCE ENSEMBLE**

Auditions for the Hendrix Dance Ensemble are held during the first week of the Fall semester. Two semesters of participation in Dance Ensemble (TARA A30) may be used to satisfy the Physical Activity capacity requirement toward graduation. Students may count only one whole course credit (four semesters) of TARA A30 toward graduation. This whole course credit may be used to fulfill the EA Learning Domain requirement.

## PRE-PROFESSIONAL GUIDELINES

### PRE-ENGINEERING

See Physics entry under “Guide to Academic Majors and Minors” in this *Guide*.

### PRE-LAW

There is no specific major required of students who are preparing for law school. Hendrix students entering law school have majored in literally every major offered by the College, including interdisciplinary majors.

Law school admission committees emphasize several factors when considering applications. The first two are a commendable grade point average and a strong performance on the Law School Admission Test (LSAT). In addition, they look for a combination of three general types of skills:

- The ability to read and comprehend a great deal of information quickly;
- The capacity to reason logically and quickly, using both verbal and quantitative materials; and
- The ability to use both spoken and written English to express ideas clearly, fluently, and precisely.

As these skills are not discipline-specific, virtually any major will be acceptable to law school admission boards, so long as applicants can demonstrate that they have these skills.

While a particular course of study is not required for application to law school, students are encouraged to gain some experience in reading court cases before applying to law school. Courses such as POLI 321 *American Constitutional Law: The Federal System*, or POLI 322 *American Constitutional Law: Individual Rights and Liberties* would assist in accomplishing this goal.

In addition to these skills, law school admission committees look for students to articulate their purpose in pursuing a legal career. Therefore, in addition to courses that might add depth to students’ substantive knowledge of the different fields in which students might wish to focus his/her legal work, students are strongly encouraged to complete internship(s) in legal settings to gain experiential knowledge about the practice of the law.

## PRE-MEDICAL AND OTHER HEALTH-RELATED SCIENCES

Students interested in pre-medical or other health-related fields requiring the MCAT, DAT, VCAT, OAT, PCAT or similar exams in the spring of the junior year or the fall of the senior year usually need to take at least 2 biology, 4 chemistry, 2 physics, and 2 mathematics courses in the first three years. Thus, they need 10 science courses in six semesters, many of which have laboratories and need to be sequenced properly, regardless of the student's major. These 10 courses are typically the following: *Cell Biology* and *Genetics* (we strongly recommend *Animal Physiology* as well), *Chemistry I* and *II*, and *Organic Chemistry I* and *II*, *Physics I* and *II* (algebra or calculus-based), and one or two mathematics courses. While some professional schools state a mathematics requirement of "two courses," others state "Calculus I" or "Calculus II" as a requirement. Proper course sequencing throughout the first three years of the four-year curriculum is crucial. One should consult course requirements for any specific major in the *Catalog*. Once a major has been decided upon, the student should consult with a faculty member in that department for further information on optimum course sequencing.

As long as the minimum science requirements are met, one's major is not a criterion of professional school admission, but overall grade point average, science grade point average, and the standardized exam scores (which have science sections covering courses listed above) are critical. Students with equivalent credentials (e.g., MCAT, GPA, and grades in science courses) who major outside of the sciences will be a little unique when their applications are considered, and this may even be an advantage.

Generally, first-year students need to start at least two science sequences and to take at least four science courses in the first year regardless of their projected major. An absolute maximum is six science courses (three per term), but this is not often recommended. Taking fewer than three science courses will make it difficult for students to be prepared for the professional school standardized exams in three years. It is recommended that in the first year, pre-professional school students take *Cell Biology* and *Chemistry I* and *II*. Other science courses which are often taken by first-year students include selections from this list: *Zoology*, *Functions and Models*, *Calculus I* and *Calculus II*. Physics is rarely started before the sophomore year.

It is also recommended that first-year students consider other common professional school recommendations, which often include *The Art of Public Speaking* (or a similar speech course), two or three semesters of English, logic, ethics, and *Introduction to Psychology* when choosing their courses for the first year.

While the courses listed above are the most frequently specified prerequisites by professional schools, students should check for additional prerequisites when they have chosen the particular school to which they want to apply. All students are encouraged to visit the web site of the professional organization that they wish to enter, as well as the websites of any specific schools they might consider applying to, for further information. You can find links to all U.S. medical schools at <http://www.aamc.org>.

## PRE-VETERINARY

**Pre-veterinary students should major in Biology** and may need to plan to take one summer course or a correspondence course in animal nutrition before the end of their junior year in order to meet the prerequisites of specific veterinary schools as we do not offer this course at Hendrix. (Reminder: correspondence courses may not be counted toward graduation.) In addition, most veterinary colleges require courses in biochemistry and microbiology. Students should seek the advice of faculty in their major and of Dr. Joseph Lombardi, the pre-veterinary advisor, for proper sequencing, the meeting of prerequisites, and planning for the best liberal arts education.

All pre-professional students are encouraged to gain experience by volunteer service work in the profession, by shadowing, non-credit internships, and by doing undergraduate research in the sciences. They should attend the annual informational meetings and meet with the professional school admissions officers who visit the campus periodically (even if they do not intend to apply to that particular school because they are sure to gain useful information). All students need to be aware of the many summer opportunities available to them. (See the bulletin boards in D.W. Reynolds and the Morgan Center buildings.) Students may also go to the homepage of any veterinary medical school in the country using links provided by the Veterinary Medical College Application Service (VMCAS) (<http://www.aavmc.org/>). Applicants can use VMCAS to apply to most of the accredited veterinary colleges in the USA and abroad. Arkansas does not have a veterinary college, but has contracts for accepting students from Louisiana State University, University of Missouri and Oklahoma State University.

Each student is responsible for checking the specific requirements of the school to which he or she wishes to apply, for meeting all deadlines for application, etc., and for ensuring that he or she builds the transcript that will not only result in a good liberal arts education, but will also provide the opportunity for admission to the school of his or her choice.

## PRE-DENTAL

Admission requirements differ slightly from one dental school to another. For this reason, students should contact the dental school of their choice early in their Hendrix career. Arkansas has no dental school, but several schools reserve some seats at subsidized tuition rates for students from Arkansas. These institutions include Harvard University, Emory University, University of Tennessee at Memphis, University of Missouri at Kansas City, Louisiana State University, University of Iowa, University of Louisville, Baylor University, and Loma Linda University.

The admission requirements for dental school generally bear a strong resemblance to those for medical school. Students who follow a pre-med track generally will be well-situated for dental school admission. Most of our graduates who enroll in dental school attend the University of Tennessee at Memphis, so we will use their recent requirements as an example.

English Composition: 2 courses

- Writing
- Rhetoric
- Courses from the Introduction to Literary Studies group
- Courses from the Advanced Studies in Literature group may also qualify

Biology (General): 2 courses

- Cell Biology
- Zoology

Chemistry: 5 courses

- General Chemistry I and II
- Organic Chemistry I and II
- Biological Chemistry

Physics: 2 courses

- General Physics I and II **OR**
- General Physics with Calculus I and II

Other Biology: one from this list

- Histology (not offered at Hendrix)
- Microbiology
- Comparative Vertebrate Anatomy

Science electives may be chosen from:

- Genetics
- Comparative Vertebrate Anatomy
- Developmental Biology
- Advanced Cell Biology
- Microbiology
- Animal Physiology
- or courses in histology, molecular biology, neurobiology

Non-science electives may be chosen from:

- philosophy, psychology, business administration, economics, public speaking, computer science, and courses in the social sciences.

## PRE-PHARMACY

### UAMS COLLEGE OF PHARMACY PRE-PHARMACY: RECENT REQUIREMENTS

This is a general guide only—specific course numbers which meet these requirements vary from school to school. For a specific list of the courses which meet the UAMS pre-pharmacy requirements from Hendrix College, contact Dr. Caro or the UAMS College of Pharmacy Registrar's office.

Category	Semester hours req.	Courses to choose from
English/ Communication	9 hours (3 courses)	ENGL 110 <i>Intro to Academic Writing</i> or higher, any course. TART 110 <i>The Art of Public Speaking</i>
Mathematics	3 to 6 hours (depending upon placement by Math Dept.) (1 or 2 courses)	MATH 130 <i>Calculus I</i> (not survey or business)
Chemistry	16 hours (12 lecture, 4 lab) (4 courses)	CHEM 110 <i>General Chemistry I</i> and lab, CHEM 120 <i>General Chemistry II</i> and lab, CHEM 240 <i>Organic Chemistry I</i> and lab, CHEM 250 <i>Organic Chemistry II</i> and lab
Biology	12 hours (9 lecture, 3 lab) (3 courses with labs)	BIOL 150 <i>Cell Biology</i> , BIOL 220 <i>Zoology</i> , and BIOL 340 <i>Microbiology</i> with labs. Check with pre-pharmacy advisor for additional courses.
Physics	4 hours (3 lecture, 1 lab) (1 course with lab)	PHYS 210 or PHYS 230 <i>General Physics I</i> and lab



### *Pre-professional Guidelines*

Economics	3 hours (1 course)	Choose from: ECON 200 <i>Microeconomics</i> , ECON 210 <i>Macroeconomics</i> , ECON 100 <i>Survey of Economic Issues</i> or BUSI 200 <i>Fundamentals of Accounting and Business</i>
Recommended Electives	9 hours (3 courses)	Choose from: BIOL 250 <i>Genetics</i> , BIOL 320 <i>Animal Physiology</i> , BIOL 450 <i>Advanced Cell Biology</i> , CHEM 320 <i>Physical Chemistry</i> , CHEM 330 <i>Biochemistry</i> , MATH 140 <i>Calculus II</i> (not survey or business) MATH 215 or PSYC 290 <i>Statistics</i> PHIL 150 <i>Logic</i> , PHYS 220 or PHYS 240 <i>General Physics II</i> (including lab),
Humanities Electives	To Total 69 hours (2 or 3 courses)	Choose from: Survey courses in Art, Music, Theatre, Literature, Philosophy, Religion, Foreign or Sign Language, Psychology, Sociology, Anthropology, Geography, US or World History, Political Science, Ethics

No course can be used to satisfy the requirements in more than one area.

Courses which do not meet the Humanities elective requirements are courses in: Health, Physical Education, Business, Science, Military Science, Education, Studio courses in Art, Music or Theatre, Computer Science, Agriculture or any remedial course.

Note: Pharmacy schools often recommend Biochemistry, Immunology, Animal Physiology, and Physical Chemistry as additional courses to consider above the required 69 hours (17 or 18 course) total.

## **PRE-SOCIAL WORK**

See Sociology/Anthropology section of the *Guide*.

## **INTERNSHIP POLICIES AND GUIDELINES**

(Approved 4/20/2011)

Internships provide students with the opportunity to gain direct, practical work experience paired with intentional, academic learning components. This combination provides a rich environment for academic, personal and career-oriented growth and reflection. Through internships, students are encouraged to apply classroom theories to actual work site problems while also gaining valuable professional experience.

### **Administration**

The Office of Career Services is responsible for administering and coordinating the internship program consistent with the policies and guidelines approved by the Hendrix faculty, for keeping records of internship experiences, for doing the necessary publicizing, and for making periodic progress reports to the faculty. Review and evaluation of the program is the responsibility of the Council on Academic Policy.

### **Eligibility**

To participate in the internship program, students must be at least sophomore level and in good academic standing with the College.

### **Requirements**

In order to be considered an “internship” at Hendrix College, the following rules apply:

- a minimum of 120 hours of work over a minimum of 8 weeks with an internship site outside of Hendrix College,
- a maximum of two academic semesters, or one semester and one summer,
- supervision by a member of the Hendrix Faculty, and
- participation in the Career Services Internship Seminar.

Professionally-related experiences that do not meet these criteria may still qualify as “professional field experiences” appropriate for Odyssey credit in the PL category. See Odyssey Program Guide.

### **Internship Proposal Packet**

All participating students must fully complete an Internship Proposal Packet (available through Career Services) before starting an internship. A complete proposal includes:

- Internship Site Experiential Learning Agreement: an agreement entered into by both the student and internship site. Includes project descriptions, responsibilities and objectives for student work and also expectations and outcomes from that work.
- Faculty Internship Sponsor Academic Agreement: an agreement between the student and Hendrix faculty member clearly outlining which type of credit the

student is seeking and what academic objectives and requirements the student must fulfill.

- Career Services Internship Seminar Agreement
- Internship Program Waiver and Release Form
- Student Code of Professional and Ethical Conduct
- Approval of academic advisor and college registrar

#### **Faculty Internship Sponsor**

The faculty internship sponsor provides the academic framework for a student's internship experience by identifying clear learning objectives and determining appropriate academic assignments. The faculty sponsor is responsible for assigning the grade/credit at the completion of the internship or acknowledging to the registrar completion of a non-credit internship. To that end, the Office of Career Services will provide each faculty sponsor with information regarding the student's participation in and completion of the Career Services Internship Seminar class as well as written materials including the student's portfolio and evaluation by his/her internship site supervisor.

#### **Career Services Internship Seminar**

During the internship experience, students are required to participate in an internship seminar (total of 10 hours) meant to build upon their work-site experiences and bridge the gap between student and professional. For summer internships the seminar is conducted using the College's electronic conferencing capabilities. The seminar includes professional development, career/personal exploration topics and assignments as well as the completion of a portfolio chronicling the student's experiences at the internship site. This portfolio, along with assignment, attendance and participation information will be sent to the faculty sponsor at the completion of the internship.

#### **Credit Options**

- Academic Course Grade: the internship will count as a class in the student's schedule and the student will receive a letter grade at completion.
- Academic Course Credit (CR) – No Grade: the internship will count as a class in the student's schedule and the student will either receive CR (or not) at completion.
- Academic Course Non-Credit: the internship will not count as a class in the student's schedule, no credit or grade will be given, but the internship will be listed on the academic transcript.
- Odyssey Credit: internships are pre-approved for Odyssey credit in the Professional Leadership Development category. Odyssey Credit can be sought concurrently with the academic course options above.

Students wishing to take an internship for grade or credit as a fifth class must pay the

fifth class fee. Internships taken for "academic course credit (CR) -no grade" will not count toward a student's limit of three "credit only courses." Only one "academic course grade" or "academic course credit (CR) - no grade" internship experience will be allowed to count as a course credit toward graduation.

#### **Summer Internships**

Students wishing to enroll for an internship for grade or credit over a summer may do so. For summer internships, the student will select either the spring semester before the experience or the fall semester after the experience to allocate the credit in his/her course load. These are the only two options and one must be selected when the student adds the internship with the college registrar. If the spring semester is chosen, students will receive an "NR" grade (No Report) until the internship requirements have been met. Students may also enroll for internships for academic course non-credit over the summer. These internships will be noted under the fall semester for transcript purposes.

#### **External Internships through Institutional Partners**

Hendrix recognizes internships undertaken at institutions with which it has a direct, formal institutional agreement. Such internships will be reported through the course transfer process and do not need to be registered with Hendrix Career Services. They are pre-approved for Odyssey PL credit.



## 2011-2012 ACADEMIC CALENDAR

<b>AUGUST</b>	5	Degrees conferred on summer graduates
	15-16	Fall Faculty Conference
	16	New students arrive
	16-22	New Student Orientation
	21	All other student return
	22	Journeys classes begin
	23	Confirmation and schedule change day
	23	First day of classes
<b>SEPTEMBER</b>	2	Deadline to add a class
	5	Labor Day (no classes)
	23	Deadline to change to or from "Credit Only"
	23	Deadline to drop a class with no grade
<b>OCTOBER</b>	11	Interim reports due at noon
	13-14	Fall Break
<b>NOVEMBER</b>	4	Deadline to drop a class with a "W" grade
	23-25	Thanksgiving Break
<b>DECEMBER</b>	5	Last day of classes
	6	Reading Day
	7-9	Final Exams
	12-14	Final Exams
	15-Jan 15	Winter Break
<b>JANUARY</b>	2	Grades for all students due to Registrar by 9:00 a.m.
	6	Degrees conferred on fall graduates
	15	Residence halls open 9:00 a.m.
	16	Martin Luther King birthday
	17	Confirmation and schedule change day
	18	First day of classes
	27	Deadline to add a class
<b>FEBRUARY</b>	17	Deadline to change to or from "Credit Only"
	17	Deadline to drop a class with no grade
<b>MARCH</b>	8	Interim Reports due
	17-25	Spring Break
	30	Deadline to drop a class with a "W" grade
<b>APRIL</b>	26	Honors Day
	30	Last day of classes
<b>MAY</b>	1	Reading Day
	1	Mandatory Senior Meeting, 3:00 p.m., Mills A
	2-4, 7-9	Final exams
	10	Grades for Seniors due to Registrar by 2:00 p.m.
	11	Baccalaureate
	12	Commencement
	14	Grades for all other students due to Registrar by 9:00 a.m.

**2011-2012 DAILY SCHEDULE**

<b>M•W•F</b>		<b>Laboratories</b>	<b>4-day Periods</b>
A-1	8:10-9:00 am	L-1 M 8:10-10:00 am	C-1 MTWF 8:10-9:00 am
A-2	9:10-10:00 am	L-2 T 8:10-11:00 am	C-2 MWF 9:10-10:00 am and Th 8:10-9:00 am
A-3	10:10-11:00 am	L-3 W 8:10-10:00 am	C-3 MWF 10:10-11:00 am and Th 12:10-1:00 pm
A-4	11:10-noon	L-4 Th 8:10-11:00 am	C-4 MTWF 11:10-Noon
A-5	12:10-1:00 pm	L-5 F 8:10-10:00 am	C-5 MTWF 12:10-1 pm
A-6	1:10-2:00 pm	L-6 M 1:10-4:00 pm	C-6 MWF 1:10-2 pm and Th 12:10-1 pm
A-7	2:10-3:00 pm	L-7 T 1:10-4:00 pm	C-7 MWF 2:10-3 pm and Th 2:40-3:30 pm
A-8	3:10-4:00 pm	L-8 W 1:10-4:00 pm	C-8 MTWF 3:10-4 pm
		L-9 Th 1:10-4:00 pm	
		L-10 F 1:10-4:00 pm	
<b>T•Th</b>		<b>Senior Seminars</b>	<b>Studios</b>
B-1	8:15-9:30 am	S-1 M 2:10-4:00 pm	D-1 MW or WF 8:10-10:00 am
B-2	9:45-11:00 am	S-2 W 2:10-4:00 pm	D-2 MW or WF 10:10-Noon
B-3	1:15-2:30 pm	S-3 F 2:10-4:00 pm	D-3 MW or WF 12:10-2:00 pm
B-4	2:45-4:00 pm		D-4 MW or WF 2:10-4:00 pm
B-5	8:10-11:00 am T and 9:45-11:00 am Th		D-5 TTh 9:10-11:00 am
	<i>11:10 to noon on Thursday is an open period for convocations.</i>		D-6 TTh 12:40-2:30 pm

**2011-2012 FINAL EXAMINATION SCHEDULE**

<b>Day</b>	<b>Morning 8:30-11:30 a.m.</b>	<b>Afternoon 2:00-5:00 p.m.</b>
Wednesday	B2, B5	B1, D5
Thursday	B4	B3, D6
Friday	A3, C3	A5, C5, D3
Monday	A4, C4, D2	A1, C1, D1
Tuesday	A2, C2	A6, C6
Wednesday	A8, C8, D4, S1	A7, C7, S2, S3

**ACADEMIC PLANNING WORKSHEET**

Fall	Spring
First Year	
_____	_____
_____	_____
_____	_____
_____	_____
Second Year	
_____	_____
_____	_____
_____	_____
_____	_____
Third Year	
_____	_____
_____	_____
_____	_____
_____	_____
Fourth Year	
_____	_____
_____	_____
_____	_____
_____	_____

## Hendrix Degree Audit Sheet

Notes

Name \_\_\_\_\_ Major \_\_\_\_\_ Minor \_\_\_\_\_

ID# \_\_\_\_\_ Advisor \_\_\_\_\_ Graduation Catalog \_\_\_\_\_

**Collegiate Center Requirements**

Journeys		
Challenges (CW)		
Explorations		

**Elective Courses**

**Learning Domains**

Expressive Arts (EA)		
Historical Perspectives (HP)		
Literary Studies (LS)		
Natural Science Inquiry (NS)		
One with lab (NS-L)		
Social/Behavioral Analysis (SB)		
Values, Beliefs & Ethics (VA)		

**Capacities**

Writing Level I		
Writing Level II		
Foreign Language		
Quantitative Skills (QS)		
Physical Activity (PA)		

**Major Courses**


**Minor Courses**


**Major GPA** \_\_\_\_\_  
**Comprehensive** \_\_\_\_\_  
 (exam, seminar, etc.)

**Odyssey Experiences** (AC, GA, PL, SW, UR, SP)


**Dates Reviewed**


**ADVISOR'S AUDIT REQUEST:** Please sign and date below, complete the audit form above, and place this form with the advisee for delivery in person to the Office of the Registrar. Advisee and Advisor should each retain a copy of this Audit Form.

\_\_\_\_\_  
 Advisor's Name (please print)

\_\_\_\_\_  
 Advisor's Signature

\_\_\_\_\_  
 Date

## Notes

(Campus map here)





HENDRIX

1600 Washington Avenue  
Conway, Arkansas 72032-3080