

## 2002-2003

This list is valid for 2002-2003 ONLY

The distribution requirements expose you to the major areas of intellectual inquiry within the arts and sciences. Courses in each of these five areas share subject matter, sources of primary data, evaluative criteria, and modes of analysis. By taking courses in each area, you become familiar with a broad range of problems and the methodologies for approaching them.

However, the distribution requirements are a beginning. By becoming familiar with these areas, you can not only choose future courses wisely, but also begin acquiring the knowledge, breadth of interests, and intellectual flexibility that are the hallmark of a well-educated person.

### Approved Courses

Courses taken to satisfy the distribution requirements must be chosen from the attached list of courses (SESP generally follows the guidelines developed by CAS). Each year a few courses are added to the list and a few are deleted; only courses on the approved list in the year you take them satisfy these requirements.

Courses on the approved list meet several criteria: few or no prerequisites, making them suitable for freshmen and sophomores; consistent content from year to year, whoever the instructor may be; and availability each year or at least every other year. Because of this dependability, you can plan a program of study that will satisfy the distribution requirements as well as your interests and needs.

Courses that satisfy the distribution requirements provide a breadth of coverage, present a broad range of problems, introduce the discipline's basic vocabulary, or consider in a central way a discipline's methods of inquiry. Most introductory survey course also meet these criteria, but the approved list contains far more than just survey courses. For example, many courses on the list introduce major subfields of a discipline: biological sciences offers courses in biological clocks, humn reproduction, and evolution and ecology that will fulfill the natural science requirement.

*Note:* Letters in parentheses indicate the quarter in which departments intend to offer courses. Actual offerings will appear in the *Class Schedule* available before advance registration for each quarter. The availability and/or schedules for courses marked (TBA) had not yet been set as of August 2002.

### Area I Natural Sciences

- Anthropology (ANTHRO)**
  - 213 Human Origins (S)
- Astronomy (ASTRON)**
  - 101 Modern Cosmology (F)
  - 103 Solar System (W)
  - 120 Highlights of Astronomy (S)
- Biological Sciences (BIOL SCI)**
  - 101 Biology in the Information Age (F)
  - 102 Human Abilities (F)
  - 103 Diversity of Life (WS)
  - 112 Biotechnology and Society (W)
  - 164 Genetics (S)
- Chemistry (CHEM)**
  - 101 General Chemistry (F)
  - 102 General Inorganic Chemistry (W)
  - 171 Accelerated General Inorganic Chemistry (F)
  - 172 Accelerated General Physical Chemistry (W)
  - 201 Chemistry of Nature & Culture (W)
- Civil Engineering (CIV ENG)**
  - 206 Environmental Literacy (S)
- Cognitive Science (COG SCI)**
  - 210 Language and the Brain (S)
- Communication Sciences & Disorders (COMM SCI)**
  - 202 Biological Foundations of Communication (WS)
- Environmental Science (ENVR SCI)**
  - 235 Atmosphere and Climate (F)
- Geological Sciences (GEOL SCI)**
  - 101 Earth Processes & Products (S)
  - 107 Plate Tectonics (WS)
  - 110 The Earth as a Planet (S)
  - 111 Global Environmental Change (FW)
  - 114 Uniformity, Catastrophe & Meaning of Evolution (F)
  - 201 Surface Processes (F)
- Linguistics (LING)**
  - 250 Sound Patterns in Human Language (S)

- Materials Science (MAT SCI)**
  - 101 Modern Materials and Society (S)
- Physics (PHYSICS)**
  - 103 Ideas of Physics (S)
  - 130-1 Introductory College Physics (F)
  - 130-2 Introductory College Physics (W)
  - 135-1 General Physics (FS)
  - 135-2 General Physics (FW)
- Psychology (PSYCH)**
  - 212 Introduction to Neuroscience (FS)

### Area II Formal Studies

- Computer Science (COMP SCI)**
  - 110 Intro to Computer Programming (FWS)
  - 111 Fundamentals of Computer Programming (FW)
- Linguistics (LING)**
  - 260 Formal Analysis of Words & Sentences (FW)
  - 270 Meaning (F)
- Mathematics (MATH)**
  - 104 Games and Fallacies (W)
  - 110 Survey of Modern Mathematics I (F)
  - 111 Survey of Modern Mathematics II (W)
  - 210-1 Math for the Behavioral Sciences (F)
  - 210-2 Math for the Behavioral Sciences (W)
  - 213 Review of Calculus of One Variable (F)
  - 214-1 Calculus (FW)
  - 214-2 Calculus (FWS)
- General Music (GEN MUS)**
  - 252 Harmony (TBA)
- Philosophy (PHIL)**
  - 150 Elementary Logic I (F)
  - 250 Elementary Logic II (W)
- Statistics (STAT)**
  - 202 Introduction to Statistics (FWS)
  - 210 Introduction to Statistics for Social Sciences (FWS)
- SESP Core (SESP)**
  - 210 Statistics (WS)

### Area III Historical Studies

See also "Interdisciplinary Studies," below

- African American Studies (AF AM ST)**
  - 220 The Civil Rights Movement (S)
- Anthropology (ANTHRO)**
  - 214 Cultural Origins (W)
- Gender Studies (GNDR ST)**
  - 231 Gender: Voices and Visions (F)
- German (GERMAN)**
  - 233-1 German History and Culture - in English (F)
  - 233-2 German History and Culture - in English (S)
- History (HISTORY)**
  - 201-1 European Civilization (W)
  - 201-2 European Civilization (S)
  - 210-1 History of the United States (F)
  - 210-2 History of the United States (W)
  - 214 Asian American History (W)
  - 255-2 Background to African Civilization & Culture (F)
  - 255-3 Background to African Civilization & Culture (W)
  - 281 Chinese Civilization (F)
  - 285 Indian Civilization (W)
- International Studies (INTL ST)**
  - 201-1 Introduction to the World System (F)
  - 201-2 Introduction to the World System (W)
- Latin American and Caribbean Studies (LATIN AM)**
  - 251 Introduction to Latino Studies (FS)
- Political Science (POLI SCI)**
  - 201 History of Political Thought (F)
- Slavic Languages & Literatures (SLAVIC)**
  - 257 Intro to the Soviet Union & Successor States (S)
  - 261 Polish Culture in 20<sup>th</sup> Century (S)

### Area IV Values

See also "Interdisciplinary Studies," below

- Anthropology (ANTHRO)**
  - 220 Evolution of Moral Systems (S)
  - 232 Myth and Symbolism (S)
  - 255 Contemporary African Worlds (F)
- German (GERMAN)**
  - 240 The Theme of Foust through the Ages (S)
- International Studies (INTL ST)**
  - 202 International Ethics (S)
- Linguistics (LING)**
  - 221 Language and Prejudice (WS)