ENVIRONMENTAL SCIENCE

CAREER INFORMATION

Environmental Science is the study of biological and physical sciences and how they apply to environmental problems. Students can pursue a wide variety of options which offer diverse career paths in pollution and treatment sciences, environmental, occupational and radiological health science, soil and water resources, environmental education, marine studies, and environmental chemistry. Employers look for strong backgrounds in natural and applied sciences such as physics, biology, ecology, geology and chemistry. Report writing, statistical analysis, math and word processing are also important. Students can increase their marketability through internships, responsible work experience, good grades, and involvement in college activities. It is possible to become an environmental technician in a two-year program with a starting salary of $19,800. The average wage is $27,000 a year according to the Occupational Outlook Handbook. However, some technical specialties will require further graduate training either for career entry or advancement. An educational background in this field will be attractive to a wide range of employers, since environmental issues impact most sectors of the job market.

GENERAL INFORMATION

Not all universities with this major are listed below. The lower division core preparation is listed for universities with which LBCC has established articulation agreements. The first course listed is the LBCC course; the course in parentheses immediately after is the university equivalent. It is generally recommended to take as many lower-division major courses as possible prior to transfer. Please check www.assist.org for the most current articulation information and information regarding minimum grade for each course, impacted major recommendations, application procedures, etc. Moreover, you must see a counselor to develop an accurate educational plan to ensure your competitiveness for admissions for your school(s) of choice. To thoroughly understand admissions and general education requirements please check the catalog of the transfer university. CSU/UC admissions and general education requirements are outlined on a separate curriculum guide.

*** Schools are listed in alphabetical order ***

CAL POLY SAN LUIS OPISPO

- **B.S. Degree – Environmental Engineering**
  Bio 2 (Mcro 221); Chem 1A & 1B (Chem 124 & 125); Engr 17 (EE 201), 17L (251), 35 (ME 211), 54 (Csc 231); Math 60 & 70 & 80 Math 141 & 142 & 143 & 241), 84 (242); Phys 3A & 3B & 3C (Phys 131 & 132 & 133)
  (No LBCC equivalents to the following Cal Poly San Luis courses: CE 114, 201, 204, 205, 221; Engl 149; ME 212)

- **B.S. Degree – Environmental Horticultural Science**
  Bio 1A or 5 (Bot 121); CBIS 6 (Csc 110); Chem 1A (Chem 111); Law 18A (Bus 201 or 207); Math 45 (Math 118); Stat 1 or 1H (Stat 218)
  (No LBCC equivalents to the following Cal Poly San Luis courses: Ag 250; Bus 212; Econ 201; Ehs 110, 121, 122, 123, 124, 126, 200, 210, 221, 231; Span 111; SS 121, 221)

SEE REVERSE SIDE FOR ADDITIONAL REQUIREMENTS

2002 – 2003 Published 12/02 by LBCC School/College Relations No. 35
CSU CHICO

- **B.S. Degree – Environmental Science**
  Bio 1A (Biol 6A), 1B (6B), 2 (11); Chem 1A (Chem 37), 1B (38), 12A (70); Geol 1 or 1H or 2 & 2L (Geos 2); Math 60 (Math 7A), 70 (7B); Physics 2A & 2B (Phys 2A & 2B) or 3A & 3B & 3C (Phys 4A & 4B or 4A & 4C or 4B & 4C); Stat 1 (Math 5)
  (No LBCC equivalent to the following CSUC course: Geos 50)

CSU HAYWARD

- **B.S. Degree – Environmental Science**
  Chem 1A & 1B (Chem 1101 & 1102 & 1103); Econ 1B (Econ 2301); Geol 2 & 2L (Geol 2101); Math 60; Physics 2A & 2B (Phys 2701 & 2702 & 2703)

HUMBOLDT STATE UNIVERSITY

- **B.S. Degree – Biology: Option in Environmental Biology**
  Bio 1A & 1B (Biol 105 or Bot 105 or Zool 210); Chem 1A (Chem 109), 1B (110); Math 60 (Math 105); Phys 2A (Phyx 106)
  (No LBCC equivalent to the following Humboldt course: Phyx 108)

- **B.S. Degree – Environmental Resource Engineering**
  Bio 1A & 1B (Biol 105); Chem 1A (Chem 109), 1B (110); Engr 35 (Engr 210); Math 60 (Math 109), 70 (110), 80 (210); Physics 3B (Phyx 110)
  (No LBCC equivalents to the following Humboldt courses: Engr 115, 211, 215, 221; Math 225)

CSU LONG BEACH

- **B.S. Degree – Biology (Ecology and Environmental Biology)**
  Bio 1A & 1B (Biol 211A & 211B); Chem 1A (Chem 111A), 1B (111B); Geol 2 & 2L & 2F (Geol 102 & 104 & 105); Math 60 (Math 122); 70 (123); Phys 2A (Phys 100A), 2B (100B)
  (No LBCC equivalents to the following CSULB courses: Bio I 260; Math 119A, Math 119B)

- **B.S. Degree – Earth Science (Environmental Geology)**
  Chem 1A (Chem 111A), 1B (111B); Geol 1 or 1H or 2 & 2L (Geol 102 & 104); Geol 3 or 3H (Geol 240); Math 60 (Math 122), 70 (123); 80 (224); Physics 3A (Phys 151), 3B (152)
  (No LBCC equivalents to the following CSULB courses: Geol 273)

CSU SACRAMENTO

- **B.A. Degree – Environmental Studies**
  Bio 1A & 1B (Bio 110 & 11 & 12); Chem 3A (Chem 6A); Econ 1A or 1AH (Econ 1A) or 1B (1B)
  (No LBCC equivalents to the following CSUS courses: Bio 5; Envs 10; Geol 10, 11)

SEE NEXT PAGE FOR ADDITIONAL REQUIREMENTS
CSU SAN BERNARDINO

• **B.A. Degree - Environmental Studies (Track A):** This program is designed for students who desire to focus on a study of the environment as part of a broader liberal arts curriculum.
  Bio 1B (Biol 202); Chem 3A (Chem 205); Statistics 1 or 1H
  Three courses from the following: Anthr 1 (Anth100); Bio 1A & 1B (Biol 200 & 201); Chem 3B (Chem 206); Geol 2 & 2L (Geol 101); Phys 2A or 10 (Phys 100)
  (No LBCC equivalents to the following CSUSB courses: Biol 250; Geog 103, 201, 205; Phys 121)

• **B.A. Degree – Environmental Studies (Track B):** This program is designed for students who desire to focus on a study of the environment to prepare for an environmentally related career or graduate school.
  Bio 1A & 1B (Biol 200 & 201 & 202); Chem 1A (Chem 215), 1B (216), 12A & 12B (221A & 221B & 222A & 222B); Geol 2 & 2L (Geol 101); Phys 2A or 10 (Phys 100)
  (No LBCC equivalents to the following CSUSB courses: Chem 245; Geog 103)

SAN DIEGO STATE UNIVERSITY

• **B.S. Degree- Applied Arts and Sciences: Environmental Sciences Major**
  Bio 1A (Biol 201); Chem 1A (Chem 200), 1B (201), 12A (231)
  One sequence from: Phys 2A (Phys 180A & 182A) & 2B (180B & 182B) & two lower division Math courses at SDSU or Phys 3A (Phys 195 & 195L) & 3B (196 & 196L) & Math 60 (Math 150)
  (No LBCC equivalents to the following SDSU courses: Biol 215; CS 205; Env Sci 100; Geog 103; Geol 100, 101; Stats 250)

SAN JOSE STATE UNIVERSITY

• **B.A. Degree – Environmental Studies**
  Chem 3A (Chem 30A); Econ 1B (Econ 1B); Geog 1; Stat 1 (Stat 95)
  (No LBCC equivalents to the following SJSU course: Biol 20)

  **B.S. Degree – Environmental Studies**
  Chem 1A (Chem 1A), 1B (1B); Econ 1B (Econ 1B); Bio 1A & 1B (Biol 1 & 2) or Phys 2A & 2B (Phys 2A & 2B); Stat 1 (Stat 95)
  (No LBCC equivalents to the following SJSU course: Biol 20)

UC BERKELEY (IGETC NOT ACCEPTABLE)

• **B.S. Degree – Conservation and Resource Studies**
  This major is administered by the Department of Environmental Science, Policy and Management (ESPM). Transfer students must fulfill ALL lower division major requirements before entering Berkeley.
  Bio 11 (Espm 10); Engl 1 (English R1A), 2 & 3 (R1B)
  Three to five units: Math 60 (Math 1A or 16A); Stat 1 (Stat 2)
  Six units: Socio 1 (Sociol 1); Polsc 1 or 1H (Pol Sci 1), 2 (2); Econ 1A &1B (Econ 1)
  Six units: Biol 41 & 41L (Biology 11) and/or other lower-division courses at UC Berkeley

SEE REVERSE SIDE FOR ADDITIONAL REQUIREMENTS
UC Berkeley (continued)

Twelve units (six each in any two of the following): 1) physical sciences, 2) humanities, or 3) analytical reasoning (Note: May use the 3-5 units of calculus/statistics above toward this requirement
Six to ten units: Resource management-related areas such as biology, ecology, geography, etc.
(Note: Additional courses in the biological, environmental, and physical sciences are recommended)

(No LBCC equivalents to the following UC Berkeley courses: Biology 1A, 1B; Econ 3; Envecon 1; Espm 6, 90; Pol Sci 3; Sociol 3; Stat 20)

[Note: Berkeley's EL ENG 100, ENGIN 11, 45 and 77N are also lower division major preparation requirements for the major. LBCC currently does not offer comparable courses. Please consult a counselor for assistance in finding a comparable course at another community college.]

• **B.A. Degree – Earth and Planetary Science**
This major is offered by the College of Letters and Science. You must complete IGETC by the end of the spring term that precedes fall enrollment at Berkeley. Complete as many lower division major requirements as possible before transfer.

Chem 1A (Chem 1A), 1B (1B); Geol 2 & 2L (EPS 50); Math 60 (Math 1A), 70 (1B); Phys 3A (Physics 7A), 3B (7B)
(No LBCC equivalents to the following UC Berkeley courses: Biology 1B; EPS 60)

**Note:** For the Environmental Earth Science, Marine Science, and Atmospheric Science Tracks, Chem 12A (Chem 3A) can be substituted for Chem 1A & 1B (Chem 1A & 1B)

• **B.S. Degree – Environmental Economics and Policy**
This major is offered by the Department of Agricultural and Resource Economics in the College of Natural Resources. Transfer students must fulfill **ALL** lower division major requirements before entering Berkeley.

English 1 (English R1A), 2 & 3 (R1B)

Two courses: Math 60 & 70 (Math 1A & 1B or 16A & 16B)

At least 10 semester units, including one lab course, from: Bio 41 & 41L (Biology 11); Chem 1A (Chem 1A), 1B (1B); Phys 3A & 3B (Physics 8A), 3B & 3C (8B), 3A (7A), 3B (7B), 3C (7C)

At least 20 semester units including at least one course from each of the following three categories:

1) Economics: Econ 1A & 1B (Econ 1) or other lower-division options at UC Berkeley
2) Political Science or History: Polsc 1 or 1H (Pol Sci 1), 2 (2); Hist 1A or 1AH (History 4A or 4B), 1B or 1BH (5), 10 (7A), 11 (7B)
3) Humanities: Any language, art, music, philosophy, rhetoric, etc.
(No LBCC equivalents to the following UC Berkeley courses: Biology 1A, 1B; Econ 3; Envecon1)

• **B.S. Degree – Environmental Engineering Science**
This major is offered by the College of Engineering. Admission is based upon strength of academic preparation and GPA. Applicants who have a high GPA but are missing important requirements will have difficulty being selected. Summer course is not considered to be “work in progress” for fall selection purposes. Advanced Placement Tests in math and sciences may waive course work requirements. Please see UC Berkeley catalog for details.

SEE NEXT PAGE FOR ADDITIONAL REQUIREMENTS
UC Berkeley (continued)

Requirements:  Chem 1A (Chem 1A), 1B (1B) or 12A (3A); Engl 1 (English R1A); Math 60 (Math 1A), 70 (1B), 80 (53), 84 (54); Phys 3A (Physics 7A), 3B (7B)
Two courses:  Chem 12B (Chem 3A); Geol 2 & 2L (Eps 50), Phys 3C (Physics 7C)
(No LBCC equivalents to the following UC Berkeley courses:  Biology 1A; Chem 5; Engin 11, 77N;

B.A/B.S. Degree – Environmental Sciences
This major is offered by the College of Letters and Science. You must complete IGETC by the end of the spring term that precedes fall enrollment at Berkeley. Complete as many lower division major requirements as possible before transfer.

Bio 41, 41L (Biology 11); Chem 1A (Chem 1A), 1B (1B), 12A (3A); Econ 1A & 1B (Econ 1); Math 60 (Math 1A), 70 (1B), 80 (16A), 84 (16B); Phys 3A (Physics 7A), 3B (7B), 3A & 3B (8A)
(No LBCC equivalents to the following UC Berkeley courses:  Biology 1A, 1B; Econ 3; Env Sci 10; Envecon 1)

There are three Tracks within this major: Biological Sciences, Physical Sciences, and Social Sciences. Students in the Biological Sciences Track are required to take biology courses comparable to Biology 1A & 1B (no equivalents at LBCC). Students in the Physical and Social Sciences Tracks can take biology courses comparable to Biology 1A & 1B or Biology 11.

Students in the Biological or Physical Sciences Track are required to take chemistry courses comparable to Berkeley’s Chem 1A & 3A. Students in the Social Sciences Track can take the same or courses comparable to Chem 1A & 1B.

Students in the Physical Sciences Track are required to take physics courses comparable to Berkeley’s Physics 7A & 7B. Students in the Biological and Social Sciences Tracks can take the same or a course comparable to Physics 8A.

B.S. Degree – Forestry
This major is administered by the Department of Environmental Science, Policy and Management (ESPM). Students must fulfill all lower division major requirements before entering Berkeley. Completion of the 8-week, 10-credit Summer Field Program in Plumas County, California at the end of the sophomore year is also required for acceptance to the Forestry major. See www.cnr.berkeley.edu/departments/espm/forestry.htm (click on “Forestry Summer Field Program.”)

Engl 1 (English R1A), 2 & 3 (R1B); Chem 1A (Chem 1A), 12A (3A); Math 60 (Math 1A or 16A), 70 (1B or 16B)
Four units: UC-transferable political science courses
Four units: Econ 1A & 1B (Econ 1) or other lower-division courses at UC Berkeley
Three units: UC-transferable computer science course
Three to four units: Stat 1 (Stat 2) or other lower-division courses at UC Berkeley
(No LBCC equivalents to the following UC Berkeley courses:  Biology 1A, 1B; Econ 3; Envecon 1: Espm 11; Stat 20)
UC Berkeley (continued)

- **B.S. Degree – Resource Management**
  This major is administered by the Department of Environmental Science, Policy and Management (ESPM). Two tracks are offered. Transfer students must fulfill all lower division major requirements before entering Berkeley. Completion of an 8-week, 10-credit Summer Field Program in Plumas County, California at the end of the sophomore year is also required for acceptance to the major. See [www.cnr.berkeley.edu/departments/espm/forestry.htm](http://www.cnr.berkeley.edu/departments/espm/forestry.htm) (click on “Forestry Summer Field Program.”)

  **Track A:** Natural or physical science emphasis. Required for students who want to focus on the Soil and Watershed or the Wildlife option.
  Engl 1 (English R1A), 2 & 3 (R1B); Chem 1A (Chem 1A), 12A (3A); Math 60 (Math 1A or 16A)), 70 (1B or 16B)
  (No LBCC equivalents to the following UC Berkeley courses: Biology 1A, 1B; Econ 3; Envecon 1: Espm 50AC, 60; Stat 20)

  **Track B:** Social science emphasis
  Engl 1 (English R1A), 2 & 3 (R1B); Bio 41 & 41L (Biology 11)
  Three to four units: Math 60 (Math 1A or 16A) or statistics at UC Berkeley
  Four units: UC-transferable course in chemistry, physical geography or geology
  Twelve units: UC-transferable social science courses (recommend selection from: Anthr 2, Econ 1A & 1B, Polsc 1 or 1H, 2, Psych 1 or 1H, Socio 1)
  (No LBCC equivalents to the following UC Berkeley courses: Biology 1B; Econ 3; Envecon 1; Espm 50AC, 60; Stat 20)

**UC DAVIS**
Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring.

- **B.S. Degree – Environmental and Resource Sciences**
  Bio 1A (Biolsci 1A), 1B (1B); Chem 1A & 1B (Chem 2A & 2B); Econ 1B (Econ 1A); Geol 1 or 1H or 2 (Geology 1 or 50); Math 60 (Math 16A or 21A), 70 (16B or 21B); CBIS 4 or 6 (Eng Cs 15) or 8A or 9 (Eng Cs 10); Phys 2A & 2B (Physics 7A & 7B & 7C) or 3A & 3B & 3C (9A & 9C & 9B); Stat 1 or 1H (Statist 13)
  (No LBCC equivalents to the following UCD courses: Agsy & En 21; Atm Sci 30; Engin 5; Env Tox 10; Envrsci 60; Physics 1A, 1B)

- **B.S. Degree – Environmental Biology and Management**
  **Core Requirements:** Bio 1A (Biolsci 1A), 1B (1B); Chem 1A & 1B (Chem 2A & 2B); CBIS 4 or 6 (Eng Cs 15) or 8A or 9 (Eng Cs 10) or 11 (Eng Cs 30); Envrs 1 (Env S&P 1); Polsc 1 or 1H (Pol Sci 1) or Econ 1B (Econ 1A); Math 60 (Math 16A or 21A), 70 (16B or 21B); Phys 2A & 2B (Physics 7A & 7B & 7C) or 3A & 3C (9A & 9B)
  One course: Math 70 (Math 16C), 80 (21C), 84 (22A)
  (No LBCC equivalents to the following UCD courses: Agsy & En 21; Chem 2AH, 2BH; Env S & P 30; Math 22B)

SEE NEXT PAGE FOR ADDITIONAL REQUIREMENTS
UC Davis (continued)

**Options:** Conservation Biology Management, Environmental Biology, Environmental Management

**Option Requirements:** No additional lower division equivalents at LBCC

- **B.S. Degree – Environmental Horticulture and Urban Forestry**
  Bio 1A (Biolsci 1A), 1B; Bio 11 (Env S & P 10) or Envrs 1 (Env S & P 1); Chem 1A & 1B (Chem 2A & 2B); Math 60 (Math 16A) or Stat 1 or 1H (Statist 13)
  (No LBCC equivalents to the following UCD courses: Agsy & En 21; Env Hort 1, 6; Lnd Arc 30; Physics 1A, 1B)

- **B.S. Degree – Environmental Policy Analysis & Planning**
  Bio 1A (Biolsci 1A) or other lower-division course at UCD; Chem 1A & 1B (Chem 2A & 2B); CBIS 8A or 9 (Eng Cs 10) or 11 (30) or other lower-division courses at UC Berkeley; Econ 1A (Econ 1B), 1B (1A); Bio 1B (Biolsci 1B) or Bio 15 (Plt Bio 12) or Geol 1 or 1H or 2 (Geology 1) or other lower-division courses at UC Berkeley; Envrs 1 (Env S & P 1); Math 60 (Math 16A or 21A), 70 (16B or 21B); Polsc 1 or 1H (Pol Sci 1); Stat 1 or 1H (Statist 13) or other lower-division course at UC Berkeley
  (No LBCC equivalents to the following UCD courses: Agsy & En 21; An Sci 1; Biolsci 10; Engin 5; Physics 1A; Statist 32)

- **B.S. Degree – Environmental Toxicology**
  Bio 1A (Biolsci 1A), 1B (1B); Bio 11 (Env S & P 10) or other-lower division course at UC Berkeley; Chem 1A & 1B (Chem 2A & 2B & 2C); Chem 12A, 12B (Chem 118A & 118 B & 118C or 128A & 128B & 128C); Math 60 (Math 16A or 21A), 70 (16B or 21B); Physics 2A & 2B (Physics 7A & 7B) or other lower-division courses at UC Berkeley
  (No LBCC equivalents to the following UCD courses: Agsy & En 21; Chem 2AH, 2BH, 2CH; Env Tox 10; Physics 1A, 1B)

**UC IRVINE**

- **B.S. Degree – Environmental Engineering**
  Bio 1A (Bio Sci 94) or Tec 60 (Engrmae 52); Chem 1A & 1B (Chem 1A & 1LA & 1B & 1LB & 1C), 12A (51A & 51LA); Cbis 11 or 12 or Engr 54 (Engrcee 10); ENGR 35 (Engrcee 30); Math 60 & 70 & 80 (Math 2A & 2B & 2D), 84 (3D); Phys 3A (Physics 7A & 7LA & 7B & 7LB)
  (No LBCC equivalents to the following UCI courses: Cbems 40A, 40B; Engrcee 11, 80, 81A, 81B; Engrmae 91; Math 2E)

  [Note: TEC 60 will be awarded subject credit only; no UC transfer unit credit.]

**UC RIVERSIDE (IGETC NOT ACCEPTABLE)**

- **B. S. Degree – Environmental Engineering**
  Applications to this major are accepted for fall quarter only. Engineering is a “selecting major” at UCR. Students are expected to complete all major preparation courses prior to transfer.

SEE REVERSE SIDE FOR ADDITIONAL REQUIREMENTS

2002 – 2003 Published 12/02 by LBCC School/College Relations No. 35
UC Riverside (continued)

CBIS 11 (CS 10); Chem 1A & 1B (Chem 1A & 1B & 1C); 12A & 12B (one year of organic chemistry; Engr 35 (ME 10); Math 60 & 70 (Math 9A & 9B & 9C), 80 (10A or 10B); Phys 3A & 3B (Phys 40A & 40B & 40C)

**Recommended prior to transfer:** Bio 1A (Biol 5A & 5AL)
(No LBCC equivalent to the following UCR course: Math 46)

- **B.A. / B.S. Degree – Environmental Science**
  Students selected for this major must present an overall GPA of at least 2.7 in all UC transferable course work. Students are advised to complete as many as possible of the lower division major requirements.

  **Core Requirements:** Bio 11 (Ensc 1); Chem 1A & 1B (Chem 1A & 1B & 1C); Math 50 (Math 5); Polsc 1 or 1H (Posc 10)
  (No LBCC equivalent to the following UCR course: Ensc 2)

  **Options:** Natural Science; Social Science; Soil Science; Environmental Toxicology

  **Option Requirements:**
  **Natural Science (B.A. or B.S.)**
  Bio 1A (Biol 5A & 5AL), 1B (5B); Chem 12A & 12B (one year of organic chemistry); Geol 1 or 1H or 2 & 2L (Geo 1); Math 60 & 70 (Math 9A & 9B); Physics 3A & 3B (Phys 40A & 40B & 40C) or other lower-division courses at UCR; Math 70 (Math 9C) or other lower-division courses at UCR
  (No LBCC equivalents to the following UCR courses: Biol 5C; Chem 5; Ensc 6; Geo 2; Phys 2A, 2AL, 2B, 2BL, 2C, 2CL)

  **Social Science (B.A. or B.S.)**
  Bio 41 or 41H & 41L (Biol 2); Econ 1B (Econ 3); Geol 1 or 1H or 2 & 2L (Geo 1); Math 47 (Math 22)
  (No LBCC equivalent to the following UCR course: Geo 2)

  **Soil Science (B.S.)**
  Bio 1A (Biol 5A & 5AL), 1B (5B); Chem 12A & 12B (one year of organic chemistry); Geol 1 or 1H or 2 & 2L (Geo 1); Math 60 & 70 (Math 9A & 9B); Math 70 (Math 9C) or Phys 3A & 3B (Phys 40A & 40B & 40C) or other lower-division courses at UCR
  (No LBCC equivalents to the following UCR courses: Ensc 6; Geo 2; Phys 2A, 2AL, 2B, 2BL, 2C, 2CL)

  **Environmental Toxicology (B.S.)**
  Bio 1A (Biol 5A & 5AL), 1B (5B); Chem 12A & 12B (one year of organic chemistry); Math 60 & 70 (Math 9A & 9B); Phys 3A & 3B (Phys 40A & 40B & 40C) or other lower-division courses at UCR
  (No LBCC equivalents to the following UCR courses: Biology 5C; Chem 5; Ensc 6; Phys 2A, 2AL, 2B, 2BL, 2C, 2CL)

SEE NEXT PAGE FOR ADDITIONAL REQUIREMENTS
UC SANTA CRUZ

- **B.A. Degree – Environmental Studies**

  Applications are accepted for the fall quarter only. All major preparation courses (except ecology) must be completed prior to fall entrance at UCSC. Selection will be based on completion of pre-requisite and GPA earned in all transferable courses.

  Anthr 2 or 2H or Socio 1 or Phil 7; Chem 1A or 2; Econ 1A or 1AH or 1B; Math 50; Polsc 1 or 1H or 4; Statistics 1 or 1H