

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING
Curriculum Notes
(Effective Fall 2009)

SS/HUM ELECTIVES

All CIE students are required to complete at least 18 credits of SS/HUM electives. A *minimum* of one course (or 3 credits) must be chosen from each of the three groups of designated courses listed below. The remaining three SS/HUM electives (or 9 credits) can be selected from the lists below or, in addition to the lists,

- any College of Arts and Sciences courses that are listed on their Humanities and Social Sciences lists in the SU Bulletin – Undergraduate Course Catalog
- any foreign language courses (except student's native language)
- ECS 391 – Legal Aspects of ECS
- ECS 392 – Ethical Aspects of ECS.

Group 1: Economics and Social Issues
ECN 203 – Economics Ideas and Issues
ECN 301* – Intermediate Microeconomics
ECN 302* – Intermediate Macroeconomics
ECN 365* – The World Economy
SOC 101 – Introduction to Sociology
SOC 102 – Social Problems
SOC 363 – Urban Sociology
STS/BPS 101 – Introduction to Science, Technology and Society
STS/HNR/ECS 318 – Technology: Past and Present

* requires ECN203 as prerequisite

Group 2: Global Affairs
GEO 103 – America and the Global Environment
GEO 105 – World Geography
GEO 272 – World Cultures
GEO 273 – World Political Economy
GEO 315 – Global Environmental Change
MAX 123 – Critical Issues for the U.S.
MAX 132 – Global Community
PAF 351 – Global Social Problems

Group 3: Public Policy and Policy Studies
GEO 203 – Society and the Politics of Nature
GEO 314 – Hazardous Geographic Environments
PAF 101 – An Introduction to the Analysis of Public Policy
PAF 409 ⁺ – Intermediate Analysis of Public Policy
PAF 451 – Environmental Policy
PSC 302- Environmental Politics and Policy
PSC 305 – Legislative Process and US Congress
PSC 308 – The Politics of US Public Policy
PSC 312 – Urban Government & Politics
PSC 318 – Technology, Politics & Environment

⁺ requires PAF101 as prerequisite

PROFESSIONAL ELECTIVES

Professional Electives are courses that advance a student's professional abilities and form a cohesive and meaningful addition to the required CIE coursework. They are designed to develop and enhance a student's role as a professional civil or environmental engineer. Professional Electives are *upper-level courses* (300 and above; as well as ECS 222, ELE 231, and MAE 251 that have not been used for degree credits), generally from professional schools at SU and SUNY-ESF, and must be selected in consultation with the student's academic advisor. Many Professional Electives can be used towards completion of a minor. Approved Professional Electives are courses offered in the following schools/colleges with the indicated prefixes that meet the above stated criteria.

School/College	Course Prefix
Architecture	ARC
Arts and Sciences	AST, BCM, BIO, CHE, ECN, GEO, GOL, MAX, MAT, PAF, PHY
Engineering and Computer Science	All course prefixes
Information Studies	IST
Whitman	ACC, BUA, EEE, FIN, INB, LPP, MAR, O&M, OPM, SHR, SOM
Newhouse	COM
VPA	CRS
SUNY-ESF	All course prefixes