DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING
Curriculum Notes
2013-2014

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, may be chosen from:

- 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 381 – 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
- GEO 353 – Environmental Justice
- PSC 383 – Civil Society and Democracy
- SOC 101 – Introduction to Sociology
- SOC 102 – Social Problems
- SOC 363 – Urban Sociology
- STS/BPS 101 – Introduction to Science, Technology and Society

* requires ECN203 as prerequisite

### Group 2: Global Affairs

- ECN 365 – The World Economy
- GEO 103 – Environment and Society
- GEO 105 – World Geography
- GEO 215 – Global Environmental Change
- GEO 272 – World Cultures
- GEO 273 – World Political Economy
- MAX 123 – Critical Issues for the U.S.
- MAX 132 – Global Community
- PAF 351 – Global Social Problems
- PSC 124/129 – International Relations
- PSC 355 – International Political Economy

### Group 3: Public Policy and Policy Studies

- ECN/WGS 358 – Economics of US Poverty & Discrimination
- GEO 203 – Society and the Politics of Nature
- GEO 314 – Hazardous Geographic Environments
- GEO 356 – Environmental Ideas & Policy
- 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 – Congressional Politics
- 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.

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