

ENVIRONMENTAL SCIENCE - BS, Quantitative Energy Systems Track (120 hours) Effective 2016

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|-------------|------------|---|
| NAME | PID | Optional 2nd Major or Minor |
|-------------|------------|---|

FOUNDATIONS

| English Comp. and Rhetoric | Foreign Language* HSFL(s) _____ | Quant. Reas. (QR) | Lifetime Fitness (LFIT) |
|----------------------------|---------------------------------|-------------------|-------------------------|
| | 1. _____ | MATH 231 | (1 hr.) |
| | 2. _____ | | |
| | 3. _____ | | |
| | 4. _____ | | |

* Through Level 3

APPROACHES

| Phys. and Life Sciences (PL/PX) | Social and Behavioral Sciences ** | Humanities/Fine Arts |
|-------------------------------------|---|----------------------------|
| | Hist. Analysis (HS): | Vis. & Perf. Arts (VP): |
| | Soc. Sci./Hist. Analysis (SS/HS): *** | Literary Arts (LA): |
| BIOL 101 BIOL 101L | Soc. Sci./Hist. Analysis (SS/HS): ENEC 201 | Phil. Reasoning (PH): **** |

** From at least two departments *** ECON 101 recommended ****ENEC 325, COMM/ENEC, 375, or ENEC/PHIL 368 recommended

CONNECTIONS

| Communication Int. (CI) | Quant. Int. (QI) or 2nd Quant. Reas. (QR) | Experiential Ed. (EE) | Global Issues (GL) |
|--------------------------|---|-------------------------------|---------------------------|
| BIOL 101L | MATH 232 | ENEC 698 | ENEC 201 |
| US Diversity (US) | North Atlantic World (NA) | World before 1750 (WB) | Beyond the NA (BN) |

MAJOR/MINOR/ELECTIVES

| Additional Requirements (8-10 courses) | ENVIRONMENTAL SCIENCE Core Requirements (11 courses) ♦ | | | |
|--|---|--|--|--|
| | Concentration ‡ (4 courses) | | | |
| BIOL 101 BIOL 101L | ENEC 201 | | | |
| | ENEC 203 | | | |
| CHEM 101/101L or PHYS 114 or 118 | ENEC 698 | | | |
| | (#) | | | |
| CHEM 102/102L or PHYS 115 or 119 | | | | |
| | ♦ 18 hours ≥ C (not C-) required in core. | | | |
| MATH 231 | * PHYS 331 Prerequisite, one of PHYS 104, 114, 116, 118; pre- or corequisite, MATH 383. (#) Two courses each from two of the following quantitative skills: o Informatics (INLS 151, 161; STOR 215, 305) o Applied Mathematics (MATH 381, 383, 528, 535, 547, 564; PHYS 331) o Statistics (BIOS 511; ENEC 562, 563; GEOL 520, 525; STOR 455, 435, 456) o Basic Science (BIOL 201, 271; CHEM 261; PHYS 114/115 or PHYS 118/119) o Modeling (COMP 401 and 410 or 411; ENEC/MASC/GEOL 415) o GIS and Remote Sensing (ANTH 419; GEOG 370, 391, 491, 591, 592, 477, 577; GEOL/MASC 483) ‡ Concentration area (four courses in one area) listed on reverse of worksheet Recommended courses are ENEC 202 (PX), ECON 101 (SS), STOR 155 (QR) or BIOS 600, and one of the following PH courses: ENEC 325, COMM/ENEC 375, or PHIL/ENEC 368. | | | |
| MATH 232 | | | | |
| MATH 233 | | | | |
| COMP 110 or 116 or PHYS 331* | | | | |
| | | | | |

| Remaining courses after this term: | Hours to be deducted: | Hours Tally: | Notes: |
|------------------------------------|----------------------------------|---|--------|
| ____ Foundations _____ | Repeated courses _____ | Hours to date: _____ | |
| ____ Approaches _____ | HSFL _____ | Hours in progress _____ | |
| ____ Connections _____ | Online courses > 24 _____ | Pending Study Abroad* _____ | |
| ____ Supplemental _____ | Other _____ | Subtotal _____ | |
| ____ (hrs C _____) _____ | Professional School > 30 _____ | Hours deducted _____ | |
| ____ (hrs C _____) _____ | Hours in subject (BA) > 45 _____ | Hours after this term _____ | |
| ____ (hrs C _____) _____ | Total _____ | Hours remaining to grad _____ | |
| Requirements subtotal _____ | | Semesters left _____ | |
| ____ Total _____ | | | |
| | | *Pending study abroad hours may differ from hours earned. | |

This tally assumes successful completion of presently enrolled courses (not AB or IN), and it does not account for all possible overlaps

ENVIRONMENTAL SCIENCE CONCENTRATIONS

Energy Management (ENEC 307, 395 or 396, 482, 693H or 694H; ENVR/ENEC 403; ENEC/PLAN 547; GEOL 215; PHYS 131, 581, 582)

Environmental Processes (ENEC 202, 222, 256, 395 or 396, 489; 693H or 694H; ENVR/ENEC 403; MASC 432, 433, 450, 460; GEOL 508, 509, 510, 520, 525; GEOG 410, 412, 414, 416, 441)

Smart Cities (ENEC 350, 351, 325, 380, 395 or 396, 480, 485, 492, 693H or 694H; ENEC/PLAN 420; PLAN/ENEC 547, 641; PLAN 636, 637, 638, 651)

March 18, 2016