

Sample Curriculum Plan: Environmental Science - Water Science: AU22 & Beyond

| | Autumn | | Spring | |
|-------------|---|---|---|---|
| | Course (credit hours) | Prerequisite | Course | Prerequisite |
| First Year | ENR 1100 (1) AU/SP | | ENR 2300 (3) AU/SP/SU | |
| | ENR 2100 (3) AU/SP/SU | | GE Foundation (3) | |
| | CHEM 1210 (5) AU/SP/SU | C- or better in MATH 1130, 1131, 1148, 1150 or above, or Math placement L or M | CHEM 1220 (5) AU/SP/SU | CHEM 1210 |
| | MATH 1151 (5) AU/SP/SU or MATH 1156 (5) AU | dependent on math placement | GE Foundation (3) | |
| | GenEd 1201 (1) | | | |
| Second Year | BIOLOGY 1113.01 (4) AU/SP/SU | MATH 1130, 1148, 1150 or above, or placement L or M; prereq/concur CHEM 1110, 1210 or above | ENR 2000; (3) AU/SP | |
| | CHEM 2310 (4) AU/SP | CHEM 1110, 1220, or 1250 | BIOLOGY 1114.01 (4) AU/SP/SU | MATH 1130, 1148, 1150 or above, or placement L or M; prereq/concur CHEM 1110, 1210 or above |
| | ENR 3280 (2) AU/SP | | ENR 2367 (3) AU/SP | ENGLISH 1110 |
| | ENR 3300 (3) AU/SP/SU | ENR 2100 | ENR 3200 AU/SP (overlap w/ GE Sustainability Theme**) (3) | ENR 2100 and 2300 |
| | ENR 3400 (3) AU or 3500 (3) AU/SP | ENR 2300 or PSYCH 1100; ENR 2300 or RURLSOC 1500 or SOCIOL 1101 | GE Citizenship for a Diverse and Just World (4-6 hrs; 1 or 2 courses) | - |
| Third Year | ENR 4345 (4) AU | ENR 2000, STAT 1450, or other GE data analysis course | ENR 5273 (3) SP | at least 2 semesters of CHEM |
| | ENR 3700 (3) AU/SP | | ENR 4285 (3) SP | MATH 1151/1156 and CHEM 1210 |
| | Water Resources Mgmt. #1 (3) | | EEOB 3410 (4) AU/SP/SU | BIOLOGY 1114 |
| | GE Foundation (3) | | ENR 3000 (3) AU/SP/SU | |
| | GE Theme of Choice (Recommend Overlap with Sustainability Theme**)(3) | | ENR 3001 (1) AU/SP/SU | prereq or concur: ENR 3000 |
| Fourth Year | ENR 5280 (4) AU/SP | ENR 3300 | ENR 4900.01/.02 (3) AU/SP/SU | Final year of your program |
| | Water Resources Mgmt. #2 (3) | * | EARTHSC 1121 (3) & EARTHSC 1200 (1) AU/SP/SU | MATH 1075 or above |
| | PHYSICS 1200 (5) AU/SP/SU | C- or better in MATH 1148 or Math placement M | Water Resources Mgmt. #3 (3) | * |
| | GE Foundation (3) | | Water Resources Mgmt. #4 (3) | * |
| | GenEd 4001 (1) | | | |

*see following pages

**if considering another theme, please meet with an academic advisor

PLEASE NOTE:

Course offering dates, GE offerings, and prerequisites may have changed. For the most up-to-date information, check the University's online course search and course catalog through BuckeyeLink.

For a **personalized** report on degree progress, you can run a degree audit. You may access your degree audit through BuckeyeLink.

Degree Total: 121 Hours

Revised: 9/13/22

Water Science Specialization Course Options

WATER RESOURCE & MANAGEMENT: choose four

| Course | Credit Hrs | Offered | Prerequisite(s) |
|----------------------------|------------|-------------------|---|
| ENR 5250.01 | 3 | AU | EEOB 3410 |
| AGSYSMGT 2370 | 2 | AU | |
| ENR 5350.01/ENTMLGY5350.01 | 3 | SP | |
| ENR 5350.02 | 3 | AU | |
| ENR 5355 | 3 | SP | ENR 2000, CHEM 1210, and ENR 3300 or BIOCHEM 4511 |
| ENR 5348 | 3 | SP, even yrs only | ENR 3300 or EEOB 3410 |
| ENR 5358 | 3 | SP, odd yrs only | EEOB 3410 |
| ENR 4342 | 3 | SP | ENR 3300 |
| ENR 3800 | 2 | SP | ENR 2100 or Biology 1114 |
| EEOB 5420 or EEOB 5430 | 1.5-4 | alt. AU terms | EEOB 3410 |
| ENR/ENVENG/FABE 5310 | 4 | SP | Jr. standing or above |
| EARTHSC 2206 | 3 | AU/SP | |
| EARTHSC 4450 | 3 | SP | EarthSc 1121; & Chem 1210 or Physics 1250 |
| GEOG 5210 | 3 | AU/SP/SU | |

DIRECTED ELECTIVES*: 0-2 hours supporting specialization & approved by faculty mentor

Additional courses may be used with faculty mentor approval.