

Water Resources

(Some courses below may serve as Directed Electives or Guided CAS/COF Electives, but the total for both categories must be at least 29 credits.)

Water Resources Option (29 credits):

Students take courses in the following four areas: Water Sciences, Watersheds and Hydrology, Water Resources and Environmental Analysis, Water Resources Environmental Policy and Management

<i>Course Number</i>	<i># Credits</i>	<i>Title</i>	<i>Term Completed & Grade</i>
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(for advisor's use)

Water Sciences: Choose four courses:

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| _____ | CSS 305. Principles of Soil Science (4) | _____ |
| _____ | FW 456. Limnology (5) | _____ |
| _____ | GEO 487. Hydrogeology (4) | _____ |
| _____ | MB 302. General Microbiology (3) | _____ |
| _____ | MRM 442. Estuarine Ecology and Biogeochemistry (4) | _____ |
| _____ | OC 332. Coastal Oceanography (3) | _____ |
| _____ | TOX 430. Chemical Behavior in the Environment (3) | _____ |

Watersheds and Hydrology: Choose one course:

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| _____ | FE 430. Watershed Processes (4) | _____ |
| _____ | CE 412. Hydrology (3) | _____ |

Water Resources Environmental Analysis: Choose one course:

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| _____ | BI 371. ^Ecological Methods (3) | _____ |
| _____ | BOT 547. Nutrient Cycling (3) | _____ |
| _____ | BRE 448/BEE 448. Non-point Source Pollution Assessment and Control (3) | _____ |
| _____ | CE 413. GIS in Water Resources (3) | _____ |
| _____ | ENVE 456. Sustainable Water Resources Development (3) | _____ |
| _____ | GEO 424. Water Resources Geography (3) | _____ |
| _____ | TOX 455. Ecotoxicology: Aquatic Ecosystems (3) | _____ |

Water Resources Environmental Policy and Management: choose one course:

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| _____ | FW 326. Integrated Watershed Management (3) | _____ |
| _____ | AREC 432. Environmental Law (4) | _____ |
| _____ | MRM 415. Coastal Resources Management (4) | _____ |
| _____ | FOR 462. Natural Resource Policy and Law (3) | _____ |
| _____ | PS 475. Environmental Politics and Policy (4) | _____ |
| _____ | CSS/GEO 335. *Introduction to Water Science and Policy (3) | _____ |
| _____ | GEO 425. Water Resources Management in the US (3) | _____ |
| _____ | RNG 455. Riparian Ecology and Management (3) | _____ |

Options: 1 to 7 additional credits of upper division courses approved by research mentor, for a total of 29 credits.

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Mentor's Signature

Date