

WRGP Courses Across Campus

| | | 201403 | 201500 | 201501 | 201502 | 201503 | 201601 | 201602 | credits | Required Courses |
|----------------|---|--------|---------|--------|--------|--------|--------|--------|---------|------------------|
| | | S 2014 | Su 2014 | F 2014 | W 2015 | S 2015 | F 2015 | W 2016 | | |
| ATS/FS 520 | Principles of Climate | | | | | | | | 4 | |
| ATS/FS 564 | Interactions of Vegetations and Atmosphere | | | | | | | | 3 | |
| BEE 512 | PHYSICAL HYDROLOGY | | | X | | | X | | 3 | YES |
| BEE 525 | Stochastic Hydrology | | | | X | | | X | 3 | |
| BEE 533 | Irrigation System Design | | | | X | | | X | 4 | |
| BEE 542 | Vadose Zone Transport | X | | | | X | | | 4 | |
| BEE 546 | River Engineering (Odd years only) | | | | | X | | | 4 | |
| BEE 558 | Non-point Source Pollution Assessment and Control (Even years only) | X | | ecmps | | | | | 3 | |
| BEE 549 | Regional Hydrologic Modeling | | | | X | | | X | 3 | |
| BEE/CE 544 | Hydraulics of Open Channels | | | | X | | | X | 4 | |
| BEE/CE/GEO 514 | Groundwater Hydraulics | | | | X | | | X | 3 | |
| CE 517 | Hydrolic Engineering Design | | | | X | | | X | 4 | |
| CE 518 | Groundwater Modeling | | | | | | | | 3 | |
| CE 543 | Applied Hydrology | | | | | | | | 4 | |
| CE 548 | Water Quality Dynamics | | | | | | | | 3 | |
| SOIL 523 | Principles of Stable Isotopes | | | | X | | | X | 3 | |
| SOIL 535 | Soil Physics | | | X | | | X | | 3 | |
| SOIL 536 | Vadose Zone Hydrology Laboratory | | | X | | | X | | 1 | |
| SOIL 545 | Environmental Soil Chemistry | | | | | | | | 3 | |
| SOIL 555 | Biology of Soil Ecosystems | | | | X | | | X | 4 | |
| ENVE 521 | Water and Wastewater Characterization | | | X | | | X | | 4 | |
| ENVE 531 | Transport/Fate of Organic Chemicals in Environmental Systems | | | | X | | | X | 4 | |
| ENVE 536 | Aqueous Environmental Chemistry Lab | | | X | | | X | | 1 | |
| ENVE 554 | Groundwater Remediation | X | | | | X | | | 4 | |
| FE 530 | Watershed Processes | X | | | | X | | | 4 | |
| FE 532 | Forest Hydrology | | | | | | | | 3 | |
| FE 536 | Watershed Impacts of Forest Disturbance | X | | | | X | | | 4 | |
| FE 537 | Hillslope and Watershed Hydrology | | ecmps | | | | | | 4 | |
| FES 561 | Physiology of Woody Plants | | | | | | | | 3 | |
| FW 556 | LIMNOLOGY | X | | | ecmps | X | | ecmps | 5 | |
| FW 579 | WETLANDS AND RIPARIAN ECOLOGY | X | | ecmps | | X | ecmps | | 3 | |
| FW 580 | STREAM ECOLOGY | X | | | ecmps | X | | ecmps | 3 | |

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|-------------|---|-------|---|---|-------|-------|---|-------|------|-----|
| GEO 524 | INTERNATIONAL WATER RESOURCES MANAGEMENT | X | | | | X | | | 3 | |
| GEO 530 | GEOCHEMISTRY | | | | X | | | X | 3 | |
| GEO 532 | Applie Geomorphology | X | | | | X | | | 3 | |
| GEO 544 | REMOTE SENSING | ecmps | | X | ecmps | ecmps | X | ecmps | 4 | |
| GEO 548 | FIELD RESEARCH IN GEOMORPHOLOGY AND LANDSCAPE ECOLOGY | | | X | | | X | | 3 | |
| GEO 582 | Geomorphology of Forests and Streams | | | | | | | | 3 | |
| GEO 583 | SNOW HYDROLOGY | | | | | | | | 3 | |
| GEO 691 | Mass and Heat Transport in the Environment | X | | | | X | | | 4 | |
| GPH 665 | Geophysical Field Techniques | | | | | | | | 3 | |
| MB 548 | Microbial Ecology | X | | | | X | | | 3 | |
| OC 670 | Fluid Dynamics | | | X | | | X | | 4 | |
| RNG 555 | Riparian Ecology and Management | | | | | | | | 3 | |
| WRE/P/S 503 | THESIS | X | X | X | X | X | X | X | 1-16 | |
| WRE/P/S 505 | JOURNAL CLUB (READING AND CONFERENCE) | X | | X | X | X | X | X | 1-16 | YES |
| WRE/P/S 507 | SEMINAR | X | | X | X | X | X | X | 1-16 | YES |
| WRS 507 | HYDROLOGY SEMINAR | X | | | | X | | | 1 | YES |
| WRP 524 | SOCIOTECHNOLOGICAL ASPECTS OF WATER RESOURCES | | | | | | X | | 3 | YES |