**Hydraulics and Hydrology**

**Core courses and sample elective courses for the Hydraulics and Hydrology graduate program.**

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| **Core Courses (Choose 1 from each category\*)** | **Sample Elective Courses\*** |
| CE 542 Hydrology or CE 549 Computational Watershed Hydrology | STAT 512 or STAT 513 |
| CE 544 Subsurface Hydrology | ME509; ME579; ME611; ME614 |
| CE 540 Open Channel Flow or CE545 Sediment Transport Engineering | ABE527, ABE531, ABE591, ABE691 |
| CE 543 Coastal Engineering, CE 597 Environmental Fluid Mechanics, or CE547 Transport Processes in Surface Waters | EAS591; ASM540 |
|  | CHM510; CHM540 |
| **Other Potential CE Courses** |  |
| CE559 Water Quality Modeling |  |
| CE597 Transport in Nature |  |
| CE597 Contaminant Hydrology |  |
| CE697 Physical Processes in Lakes |  |

\*As offered; not all courses are offered during a given 2-year period, and this list does not cover all courses that can be used as technical electives.