

Core and Electives Courses

The six core courses offered by the Hydraulics and Water Resources Program are:

- Probabilistic Methods in Hydroscience (CEE:4118)
- Computational Methods in Water Resources (CEE:5188)
- Environmental Fluid Dynamics (CEE:5375)
- Flow in Open Channels and Sediment Transport (CEE:4370)
- Multiscale Hydrology (CEE:4146)
- Hydrometeorology (CEE:4378)

The program electives offered by the Hydraulics and Water Resources Program are:

- Groundwater (CEE:4102)
- Field Measures for Water Quantity and Quality (CEE:4103)*
- Remote Sensing (CEE:4317)
- Water Resources Engineering (CEE:4371)
- Experimental Method in Fluid Mechanics & Heat Transfer (CEE:5372)
- Fundamentals of Atmospheric Science (CEE:4180)
- Intro to Computational Flow in Pipes and Channels (CEE:5083)
- Contemporary Topics in Civil & Environmental Engineering (CEE:4995)
- Environmental Dispersion Processes (CEE:6372)
- Viscous Flow (CEE:6376)
- Turbulent Flows (ME:7268)
- Hydrology (CEE:4119)*
- Hydroclimatology (CEE:4123)
- International Perspective in Water Science and Management (CEE:4385)
- Environmental Boundary Layers (CEE:6223)

* Class allowed for graduate credits pending the approval of the adviser.