

## **Courses Especially Relevant to WWRS (Water & Wetland Resources Studies)**

### **ESF courses**

EFB 424 Limnology  
EFB 518 Systems Ecology  
EFB 525 Limnology Lab  
EFB 542 Freshwater Wetland Ecosystems  
EFB 554 Aquatic Entomology  
EFB 623 Marine Ecology  
EFB 624 Limnology ; Study of Inland Water  
EFB 681 Aquatic Ecosystem Restoration and Enhancement  
EFB 687 Fisheries Science and Management  
EFB 797 Seminar in Environmental and Forest Biology  
ENS 601 Water Resources management  
ENS 607 Wetland Practicum  
EST 550 Environmental Impact Analysis  
EST 796 Human Dimensions of Water Problems  
EST 797 Environmental Studies Seminar  
ERE 527 Stormwater Management  
ERE 545 Environmental Soil Physics  
ERE 570 Hydrology in a Changing Climate  
ERE 612 River Form and Processes  
ERE 644 Hydro-meteorology  
ERE 645 Hydrologic modelling  
ERE 674 Methods in Ecological Treatment Analysis  
ERE 675 Ecological Engineering for Water Quality  
FCH 510 Environmental Chemistry  
FCH 515 Methods of Environmental Chemistry Analysis  
FCH 520 Marine Biogeochemistry  
FCH 525 Oceanography  
FOR 538 Meteorology  
FOR 540 Watershed Hydrology  
FOR 557 Fundamentals of Geographic Information Systems  
FOR 642 Watershed Ecology and Management  
FOR 740 Advanced Watershed Hydrology and Biogeochemistry

### **SU Courses**

CIE 525 Environmental Fluid Mechanics  
CIE 570 Water and Wastewater Treatment Plant Design  
CIE 652 Biological Waste Treatment  
CIE 653 Applied Aquatic Chemistry  
CIE 657 Biogeochemistry  
CIE 659 Advanced Hydrogeology  
CIE 671 Environmental Chemistry and Analysis  
EAR 600 Grand Challenges in Hydrogeology  
EAR 601 Hydrogeology

EAR 620 Contaminant Hydrogeology  
EAR 665 Groundwater Modeling