

MS in Civil Engineering: Water Resources/Environmental Emphasis
Course Offerings (updated September 2015)

| Course No | Course Title | Credit Hours | Semester Offered |
|-----------|-----------------------------------------------------|--------------|------------------|
| CEEn 414 | Engineering Applications of GIS | 3 | F |
| CEEn 531 | Principles of Hydrologic Modeling | 3 | F |
| CEEn 535 | Hydraulic Design of Channels and Control Structures | 3 | W |
| CEEn 547 | Seepage and Groundwater Modeling | 3 | F |
| CEEn 555 | Environmental Chemistry | 3 | F |
| CEEn 648 | Groundwater Contaminant | 3 | W |
| CEEn 551 | Water Treatment Facilities Design | 3 | F |
| CEEn 651 | Wastewater Treatment Facilities Design | 3 | W |
| CEEn 654 | Industrial Waste Treatment | 3 | Sp |
| CEEn 635 | Sediment Transport & River Restoration | 3 | Sp |
| CEEn 439 | Water Resources Study Abroad | 3 | W/Sp |
| STAT 511 | Statistical Methods for Research 1 | 3 | F |
| CEEn 514 | Geospatial Software Development | 3 | W |
| CEEn 534 | Hydroinformatics | 3 | F |

For further information on the Water Resources/Environmental Engineering emphasis within the Department contact:

| | | | | |
|------------------|---------------|----------|--------------------------------------------------------------|-----------|
| Environmental: | Dr. Borup | 422-6311 | borupb@byu.edu | Rm: 242 G |
| Environmental: | Dr. Williams | 422-7810 | pwilliams@byu.edu | Rm: 242 F |
| Water Resources: | Dr. Hotchkiss | 422-6234 | rhk@byu.edu | Rm: 368 C |
| Water Resources: | Dr. Miller | 422-6331 | wood_miller@byu.edu | Rm: 368 L |
| Water Resources: | Dr. Nelson | 422-7632 | jimn@byu.edu | Rm: 242 K |
| Hydrology: | Dr. Ames | 422-3620 | dan.ames@byu.edu | Rm: 242 J |