

ENVIRONMENTAL ENGINEERING ELECTIVES COURSE LIST

| Code | Title | Credit Hours |
|-----------|--|--------------|
| CEES 4123 | Open Channel Flow | 3 |
| CEES 4243 | Water Technologies for Emerging Regions | 3 |
| CEES 4253 | Statistics and Probability | 3 |
| CEES 4263 | Hazardous and Solid Waste Management | 3 |
| CEES 4333 | Foundation Engineering | 3 |
| CEES 4453 | Geomatics Engineering | 3 |
| CEES 5010 | Civil Engineering Problems | 1-4 |
| CEES 5020 | Special Topics in Civil Engineering | 1-6 |
| CEES 5021 | Technical Communications | 1 |
| CEES 5133 | Water Sustainability | 3 |
| CEES 5324 | Environmental Biology and Ecology | 4 |
| CEES 5363 | Ecological Engineering Science | 3 |
| CEES 5373 | Water Resources Systems Modeling | 3 |
| CEES 5583 | Water Law | 3 |
| CEES 5623 | Watershed Management and Restoration | 3 |
| CEES 5643 | Quantitative Hydrometeorology | 3 |
| CEES 5673 | Colloid and Surface Science | 3 |
| CEES 5733 | Hydroclimatology | 3 |
| CEES 5813 | Water Treatment, Reuse, and Health Impacts | 3 |
| CEES 5833 | Ground Water Quality Protection | 3 |
| CEES 5843 | Hydrology | 3 |
| CEES 5853 | Groundwater and Seepage | 3 |
| CEES 5873 | Water Quality Management | 3 |
| CEES 5883 | Environmental Modeling | 3 |
| CEES 5933 | Climate Change and Water Sustainability | 3 |
| CEES 5960 | Directed Readings | 1-3 |
| CEES 5963 | Water Security | 3 |
| CEES 5970 | Special Topics/Seminar | 1-3 |
| CEES 5990 | Independent Study | 1-3 |
| BIOL 5553 | Wetlands Ecology | 3 |
| C S 5743 | Scientific Computing I | 3 |
| ENGR 4013 | Leadership and Management for Engineers | 3 |
| ENGR 4223 | Fundamentals of Project Management | 3 |
| ENGR 4513 | Introduction to Sustainable Engineering | 3 |
| MATH 4753 | Applied Statistical Methods | 3 |
| MATH 5103 | Mathematical Models | 3 |
| MATH 5163 | Partial Differential Equations | 3 |
| MATH 5173 | Advanced Numerical Analysis I | 3 |
| MATH 5743 | Introduction to Mathematical Statistics | 3 |
| METR 5344 | Computational Fluid Dynamics I | 4 |
| METR 5633 | Hydrometeorology | 3 |