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| Requirement | Credits | Course |
| General Required Course | 3 | * ENGR 5310 Probability, Random Var, & Stochastic Processes for Engineers |
| General Required Core | 7 | * Thesis or Project (6) * Seminar (1) |
| Civil Engr Required Courses | 6 | * CE 5370 Urban Storm Water Management1 * CE 5390 Infrastructure Systems Analysis2 |
| Engineering Electives  *Select three courses from the list at the right* | 9 | * CE 5320 Water Quality Management * CE 5321 Fate and Transport of Contaminants * CE 5340 Advanced Infrastructure materials * CE 5350 Highway Bridge Design * CE 5360 Pavement Design * CE 5372 Open Channel Flow * CE 5391 Advanced Mechanics of Materials |
| Multidisciplinary Electives  *Select three courses from the list at the right* | 9 | * BIO 5319F Watershed Management Frameworks and Applications * BIO 5362 Environment Impact Analysis * CHEM 7330 Environment Chemistry * CIS 5364 Data Warehousing * GEO 5312 Managing Urbanization * GEO 5313 Environment Management * GEO 5334 Applied Water Resources * GEO 5336 Transportation Systems * GEO 4351 Regional Waste Management * GEO 5352 Air Quality Management * MATH 4337C Numerical Methods for Ordinary Differential Equations * MATH 4393 Introduction to Finite Element Methods * BLAW 5333 Legal Issues of Sustainability and Responsibility * BLAW 5368E Environmental Law and Policy |

1 = Will accept BIO 5362 Environmental Impact Analysis, 2 = Will accept GEO 5312 Managing Urbanization