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*Applicants without a BS degree in the discipline are required to attain equivalency of BS-level knowledge of the subject before being fully admitted to the MS program. Equivalency is determined by the CENE department faculty and Chair and may consist of additional coursework, experience, testing or a combination of these items. After determining the equivalency requirements, a representative of the CENE department faculty will meet with the applicant to develop a plan so that the applicant can be provisionally accepted to the program. Demonstration of achievement (B or better) in the following prerequisite courses is required to attain equivalency.*

## Prerequisites for Master of Science in Environmental Engineering for Applicants without BS degree in the discipline

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Substitute Course** | **Term** | **Grade** | **School** |
| MAT 136 Calculus I |  |  |  |  |
| MAT 137 Calculus II |  |  |  |  |
| MAT 238 Calculus III |  |  |  |  |
| MAT 239 Differential Equations |  |  |  |  |
| PHY 161,161L University Physics I + lab |  |  |  |  |
| PHY 262 University Physics II |  |  |  |  |
| CHM 151,151L General Chemistry I + lab |  |  |  |  |
| CHM 152 General Chemistry II |  |  |  |  |
| CHM 230 Organic Chemistry |  |  |  |  |
| CENE 225 Engineering Analysis |  |  |  |  |
| CENE 251 Statics |  |  |  |  |
| ME 291 Thermodynamics |  |  |  |  |
| CENE 333 Water Resources I |  |  |  |  |
| CENE 150 Introduction to Env. Eng. |  |  |  |  |
| CENE 280 Environmental Engineering II |  |  |  |  |
| CENE 281L Env. Eng. Lab |  |  |  |  |
|  |  |  |  |  |
| Plus 3 of the following: |  |  |  |  |
| CENE 330 Air Quality Engineering |  |  |  |  |
| CENE 332 Solid/Hazardous Waste Man. |  |  |  |  |
| CENE 335 Environmental Biotechnology |  |  |  |  |
| CENE 434 Water/Wastewater Unit Design |  |  |  |  |
| CENE 410 Unit Operations of Env. Eng. |  |  |  |  |

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