

Course Audit for Graduate Student Applicants who do not have a BS in Engineering. Please complete both tables and upload to your on-line application prior to submission.

Name _____

Table 1. Expected Mathematics and Science Background for Students Entering CEE Graduate Programs

Our Required Course	Equivalent Course completed at your institution and grade earned	Description of Course if name differs from CMU course title
General Chemistry		
Calculus 1		
Calculus 2		
Differential Equations		
Physics 1		
Physics 2		
Biology or Geology or Other Science (not chemistry or physics)		
Probability and Statistics or Linear Algebra		
Computer Programming		

Table 2. Required Undergraduate Engineering Makeup Courses in Civil and Environmental Engineering for MS students with non-engineering BS degrees.

Our Required Course	Equivalent Course completed at your institution and grade earned	Description of Course if name differs from CMU course title
12-231 Solid Mechanics		
12-335 Soil Mechanics		
12-355 Fluid Mechanics		
Differential Equations		
12-411 Project Management		
12-421 Engineering Economics		