

**Special Requirements for Persons Holding College Degrees
in Fields Other Than
Civil Engineering**

Historically, a majority of the students entering our environmental engineering graduate program have previously earned undergraduate degrees from ABET accredited civil engineering programs. Persons who hold college degrees in fields other than civil engineering, or who hold civil engineering degrees from programs that are not ABET accredited, are required to complete the equivalent of the following Auburn University undergraduate courses before entering our graduate program. [NOTE: These courses do not have to be taken at Auburn.] Most science and non-civil engineering graduates will have already met many of these requirements. Equivalent mathematics, computing chemistry and physics courses are available at most colleges.

Course	Designation	Credit (semester hours)
CHEM	1030 Fundamentals of Chemistry I	3
CHEM	1031 Fundamentals of Chemistry I Lab	1
CHEM	1040 Fundamentals of Chemistry II	3
MATH	1610 Calculus I	4
MATH	1620 Calculus II	4
MATH	2630 Calculus III	4
MATH	2650 Differential Equations	3
PHYS	1600 Engineering Physics I	4
PHYS	1610 Engineering Physics II	4
COMP	1200 Introduction to Computing (FORTRAN)	2
ENGR	2050 Statics	3
ENGR	2350 Dynamics	3
CIVL	3010 Civil Engineering Analysis	3
CIVL	3110 Hydraulics	3
CIVL	3210 Environmental Engineering I	3
CIVL	4210 Environmental Engineering II	4

The following courses are not required, but are strongly recommended, especially for students desiring to become registered professional engineers.

ENGR	2200	Intro. to Thermodynamics, Fluids and Heat	3
ENGR	2070	Mechanics of Materials	3
ELEC	3810	Fundamentals of Electrical Engineering	3
INSY	3600	Engineering Economy	3
STAT	3010	Statistics for Engineers and Scientists	3