

Civil Engineering Track

Related Areas:

Mechanical Engineering, Environmental Engineering, Architecture, Surveying, Geomatics Technology, Construction Engineering Technology, Mechanical Engineering Technology, Architecture Engineering Technology, Construction Science Management

- This program is for students who want to receive their engineering education at an institute that is closely affiliated with hometown industries. It also provides a personalized learning environment to ensure greater success in the future.

(**See Note: Developmental Studies, COL 103, and EGR 102)

First Semester - Fall

CHM	110	College Chemistry I*	4.0
ENG	101	English Composition I*	3.0
EGR	269	Engineering Disciplines and Skills	2.0
		Humanities/Social Science Elective*/**	3.0
MAT	140	Analytical Geometry & Calculus I*	4.0

Second Semester - Spring

CHM	111	College Chemistry II*+	4.0
EGR	270	Introduction to Engineering	3.0
MAT	141	Analytical Geometry & Calculus II*	4.0
PHY	221	University Physics I*	4.0

Third Semester - Summer

ENG	102	English Composition II*	3.0
PHY	222	University Physics II*	4.0
EGR	210	Introduction to Engineering CAD (AutoCAD)	3.0

Fourth Semester - Fall

EGR	260	Engineering Statics	3.0
MAT	240	Analytical Geometry & Calculus III*	4.0
EGR	285	Engineering Surveying I***	3.0
EGR	295	Engineering Surveying I Lab***	1.0
		Humanities/Social Science Elective*/**	3.0

Fifth Semester - Spring

EGR	262	Engineering Dynamics	3.0
MAT	242	Differential Equations	4.0
SPC	205	Public Speaking*	3.0
		Humanities Elective*/**	3.0
		Social Science Elective*/**	3.0

* General education course

+ Clemson no longer accepts CHM 111 for Civil Engineering majors.

NOTE: The course schedule listed above is designed for students who begin the program with ENG 101 and MAT 140 based on the placement test. Students that are taking pre-requisite courses for MAT 140 should also take the following courses: COL 103 for students taking MAT 100 and/or EGR 102 for students who are taking MAT 105.

NOTE: See General Education course listing in this catalog for courses marked that are acceptable to transfer as Humanities or Social Science electives to Clemson. Note that engineering majors at Clemson require at least one of the Humanities/Social Science electives to be a literature course; one Humanities course that meets Cultural Awareness understanding; and one Social Science course that meets Science and Technology in Society awareness. Since requirements can change at other institutions at any time, it is well advised for students to get in touch with the department head of the program you wish to transfer into to ensure you are meeting the correct requirements for entrance into that program.

*** Required by the Citadel, may or may not be required or accepted in transfer at other four-year engineering colleges.

NOTE: Please contact program advisor for recommended evening schedules.