

Anderson University & Clemson University: Engineering Course Equivalencies

CU COURSE	Bioeng.	Biosystems	Civil	Chemical	Computer	Electrical	Enviro.	Industrial	Materials Science	Mechanical
<i>General Engineering Requirements: Highlighted in purple. You must achieve a grade of 'C' or higher in all General Engineering courses before changing your major into a specific engineering major. General Engineering courses are recommended prior to transfer, but not required.</i>										
CH 1010	CHE 111	CHE 111	CHE 111	CHE 111	CHE 111	CHE 111	CHE 111	CHE 111	CHE 111	CHE 111
ENGL 1030	ENG 102	ENG 102	ENG 102	ENG 102	ENG 102	ENG 102	ENG 102	ENG 102	ENG 102	ENG 102
ENGR 1020	EG 101	EG 101	EG 101	EG 101	EG 101	EG 101	EG 101	EG 101	EG 101	EG 101
ENGR 1410	MAT 415	MAT 415	MAT 415	N/A**	MAT 415	MAT 415	MAT 415	MAT 415	MAT 415	MAT 415
MATH 1060	MAT 140	MAT 140	MAT 140	MAT 140	MAT 140	MAT 140	MAT 140	MAT 140	MAT 140	MAT 140
MATH 1080	MAT 190	MAT 190	MAT 190	MAT 190	MAT 190	MAT 190	MAT 190	MAT 190	MAT 190	MAT 190
PHYS 1220 + 1240	PHY 201	PHY 201	PHY 201	PHY 201	PHY 201	PHY 201	PHY 201	PHY 201	PHY 201	PHY 201
<i>Additional coursework that may be taken towards your Clemson University Engineering Degree while at AU, by intended major:</i>										
BIOL 1030 + 1050	BIO 101 +101L	BIO 101+101L					BIO 101+101L	BIO 101+101L ^a		
BIOL 1100				BIO 110 ^c						
BIOL 4610 + 4620	BIO 300									
CE 2010	PHY 299	PHY 299	PHY 299				PHY 299	PHY 299	PHY 299	
CH 1020	CHE 112	CHE 112		CHE 112		CHE 112	CHE 112	CHE 112 ^a	CHE 112	
CH 2230 + 2270	CHE 201 + 203 ^b	CHE 201 + 203		CHE 201 + 203			CHE 201 + 203		CHE 201 + 203	
CH 2240 + 2280	CHE 202 + 204 ^b			CHE 202 + 204					CHE 202 + 204	
COMM 2500			COM 110 or SPE 102		COM 110 or SPE 102	COM 110 or SPE 102		COM 110 or SPE 102	COM 110 or SPE 102	
MATH 2060	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240
MATH 2080	MAT 290	MAT 290	MAT 290	MAT 290	MAT 290	MAT 290	MAT 290		MAT 290	MAT 290
MATH 3020	MAT 380 ^d		MAT 380				MAT 380		MAT 380	MAT 380
MATH 3110					MAT 215	MAT 215 ^f		MAT 215		
MICR 3050		BIO 330					BIO 330			
PHYS 2210 + 2230	PHY 202	PHY 202	PHY 202	PHY 202	PHY 202	PHY 202	PHY 202	PHY 202	PHY 202	PHY 202
	Bioengr.	Biosystems	Civil	Chemical	Computer	Electrical	Enviro.	Industrial	Materials Science	Mechanical

^a Option to complete lab science requirement

^b For students planning to enter medical school

^c For Chemical Engineering majors pursuing the biomolecular concentration

^f Option to complete special requirement

^d For Bioengineering majors pursuing the biomaterials concentration

*Students are encouraged to take ENGR 1410 online during the summer. An equivalent course is also taught at TCTC and GTC each summer.

**Chemical engineering students should take CHE 1300 online over the summer through Clemson prior to transferring.

Students desiring to take courses at Clemson or online through Clemson over the summers prior to transfer should enroll as Transient Students.

Students desiring to transfer into one of Clemson's 10 engineering majors must have completed a minimum of 30 hours of transferrable coursework with a minimum GPA of 2.7. This is a minimum requirement to be evaluated, and does not mean certain acceptance. The Undergraduate Admissions office makes all decisions on student acceptance. Admissions Office: 105 Sikes Hall, 864-656-2287

This worksheet is intended as information only and does not imply a contract with Clemson University.

All engineering major curricula are available online at: <http://catalog.clemson.edu/>

If you have questions or need advice, please contact the CECAS Transfer Coordinator, Karen Thompson, at kt@clemson.edu or 864-656-2543.

Clemson University General Education Courses

Clemson University General Education Courses							
Anderson Gen Eds	Clemson Course	Course Title	Hum Lit (3cr)	Hum Non-Lit (3cr)	Social Science (6cr')	CCA (3cr)*	STS (3cr)*
ART 231	AAH 1010	Survey of Art & Arch. Hist. I		•			
ECO 211	ECON 2110	Principles of Microeconomics			•		
ECO 212	ECON 2120	Principles of Macroeconomics			•		
ENG 218	ENGL 2120	World Literature	•				
ENG 216	ENGL 2130	British Literature	•				
ENG 214	ENGL 2140	American Literature	•				
GEO 102	GEOG 1030	World Regional Geography			•	•	
HIS 161	HIST 1010	History of the U.S. (1 st part)			•		
HIS 162	HIST 1020	History of the U.S. (2 nd part)			•		
HIS 182	HIST 1930	Modern World History			•	•	
MUS 110	MUSIC 210	Music in the Western World		•		•	
PHIL 101	PHIL 1010	Intro. To Philosophic Problems		•			
PHIL 205	PHIL 1030	Intro. To Ethics		•			
PS 101	POSC 1010	American National Government			•		
PSY 101	PSYC 2010	Introduction to Psychology			•		
REL 330	REL 1020	World Religions		•		•	
SOC 101	SOC 2010	Introduction to Sociology			•		
SOC 202	SOC 2020	Social Problems			•		
THE 211	THEA 2100	Theatre Appreciation		•			

Prior to graduation from Clemson all Engineering students must complete the General Education requirements specified in their curriculum.

- The 5th (and ChE 6th) courses may be chosen from either of the two Humanities lists, or the Social Science list.

5th required by BE and ENVE. 6th required by CHE

- Credit hours vary. Check the current Undergraduate Announcements for exact credit hours and pre- or co-requisite requirements.
- Some courses may fulfill multiple requirements at one time and are noted by asterisks in multiple columns.

This is only an advising guide and not a contract. The Undergraduate Announcements of your official curriculum year has the authoritative list.

Courses may change at the discretion of the university or engineering department. Not all courses are offered every semester.