

Charleston Southern & Clemson University: Engineering Course Equivalencies

CU COURSE	Bioeng.	Biosystems	Civil	Chemical	Computer	Electrical	Enviro.	Industrial	Materials Science	Mech.
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.										
CH 1010	CHEM 121 + 123	CHEM 121 + 123	CHEM 121 + 123	CHEM 121 + 123	CHEM 121 + 123	CHEM 121 + 123	CHEM 121 + 123	CHEM 121 + 123	CHEM 121 + 123	CHEM 121 + 123
ENGL 1030	ENGL 112	ENGL 112	ENGL 112	ENGL 112	ENGL 112	ENGL 112	ENGL 112	ENGL 112	ENGL 112	ENGL 112
ENGR 1020	ENGR 101	ENGR 101	ENGR 101	ENGR 101	ENGR 101	ENGR 101	ENGR 101	ENGR 101	ENGR 101	ENGR 101
ENGR 1410	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MATH 1060	MATH 221	MATH 221	MATH 221	MATH 221	MATH 221	MATH 221	MATH 221	MATH 221	MATH 221	MATH 221
MATH 1080	MATH 222	MATH 222	MATH 222	MATH 222	MATH 222	MATH 222	MATH 222	MATH 222	MATH 222	MATH 222
PHYS 1220 + 1240	PHYS 203	PHYS 203	PHYS 203	PHYS 203	PHYS 203	PHYS 203	PHYS 203	PHYS 203	PHYS 203	PHYS 203
Additional coursework that may be taken towards a Clemson University Engineering Degree										
BIOL 1030 + 1050	BIOL 161 + 161L	BIOL 161 + 161L					BIOL 161 + 161L	BIOL 161 + 161L ^a		
BIOL 4610 + 4620	BIOL 323									
CE 2010	ENGR 201	ENGR 201	ENGR 201				ENGR 201	ENGR 201	ENGR 201	ENGR 201 ^h and ENGR 202 ^h
CE 2080		ENGR 202	ENGR 202				ENGR 202			
CH 1020	CHEM 122 + 124	CHEM 122+ 124		CHEM 122+ 124		CHEM 122 + 124	CHEM 122 + 124	CHEM 122 + 124 ^a	CHEM 122 +124	
CH 2230 + 2270	CHEM 301 ^c	CHEM 301		CHEM 301			CHEM 301		CHEM 301	
CH 2240 + 2280	CHEM 302 ^c			CHEM 302					CHEM 302	
COMM 2500			COMM 110		COMM 110	COMM 110		COMM 110	COMM 110	
ECE 2020	ENGR 210 ^b				ENGR 210	ENGR 210				
ECE 2110	ENGR 211 ^b				ENGR 211	ENGR 211				
GEOL 1010+1030			GEOL 101				GEOL 101	GEOL 101 ^a		
MATH 2060	MATH 321	MATH 321	MATH 321	MATH 321	MATH 321	MATH 321	MATH 321	MATH 321	MATH 321	MATH 321
MATH 2080	MATH 351	MATH 351	MATH 351	MATH 351	MATH 351	MATH 351	MATH 351		MATH 351	MATH 351
MATH 3020	MATH 347		MATH 347	MATH 347			MATH 347			MATH 347
MATH 3110					MATH 326	MAT 326 ^f		MATH 326		
MATH 4120					MATH 325 ^e	MAT 325 ^f				
MATH 4340					MATH 422 ^e	MATH 422 ^f				
MATH 4530					MATH 410 ^e	MATH 410 ^f				
MICR 3050 + 3051		BIOL 220 + 220L					BIOL 220 + 220L			
PHYS 2210 + 2230	PHYS 204	PHYS 204	PHYS 204	PHYS 204	PHYS 204	PHYS 204	PHYS 204	PHYS 204	PHYS 204	PHYS 204
	Bioeng.	Biosystems	Civil	Chemical	Computer	Electrical	Enviro.	Industrial	Materials Science	Mech.

^a Option to complete lab science requirement ^e Option to complete special requirement

^b For Bioengineering majors pursuing the bioelectrical concentration ^f Option to complete advanced mathematics requirement or special requirement ^g Option to replace Mechanical Engineering Lab II ^c Encouraged for those hoping to pursue medical school ^d For Bioengineering majors pursuing the biomaterials concentration

^h See advisor - must have both statics and dynamics prior to transfer for ME 2010

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 further advice, please contact Karen Thompson, CECAS Academic Advisor and Transfer Coordinator at kt@clemson.edu or 864-656-2543.

Clemson University General Education Courses

Clemson University General Education Courses							
Charleston Southern Gen Eds	Clemson Course	Course Title	Hum Lit (3cr)	Hum Non-Lit (3cr)	Social Science (6cr*)	CCA (3cr)*	STS (3cr)*
Art 202	ART 2100	Intro. to Art Appreciation		•		•	
Econ 211	ECON 2110	Principles of Microeconomics			•		
Econ 212	ECON 2120	Principles of Macroeconomics			•		
Engl 202	ENGL 2140	American Literature	•				
Engl 203	ENGL 2130	British Literature	•				
Engl 204	ENGL 2130	British Literature	•				
Geol 200	GEOG 1010	Introduction to Geography			•		
Geol 104	GEOL 3000	Environmental Geology					•
Hist 211	HIST 1010	History of the U.S. (1 st part)			•		
Hist 212	HIST 1020	History of the U.S. (2 nd part)			•		
Hist 113	HIST 1930	Modern World History			•	•	
Musi 171	MUSC 2100	Music in the Western World		•		•	
Poli 201	POSC 1010	American National Government			•		
Poli 312	POSC 1020	Intro. to International Relations			•	•	
Psyc 200	PSYC 2010	Introduction to Psychology			•		
Soci 101	SOC 2010	Introduction to Sociology			•		
Soci 203	SOC 2020	Social Problems			•		

Prior to graduation 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, ENVE, ECE. 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.