

Coastal Carolina & Clemson University: Engineering Course Equivalencies

CU COURSE	Bioeng.	Biosystems	Civil	Chemical	Computer	Electrical	Enviro.	Industrial	Materials Science	Mech.
<i>General Engineering Requirements: Highlighted in purple</i>										
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 111+111L	CHEM 111+111L	CHEM 111+111L	CHEM 111+111L	CHEM 111+111L	CHEM 111+111L	CHEM 111+111L	CHEM 111+111L	CHEM 111+111L	CHEM 111+111L
ENGL 1030	ENGL 102	ENGL 102	ENGL 102	ENGL 102	ENGL 102	ENGL 102	ENGL 102	ENGL 102	ENGL 102	ENGL 102
ENGR 1020	ENGR 101	ENGR 101	ENGR 101	ENGR 101	ENGR 101	ENGR 101	ENGR 101	ENGR 101	ENGR 101	ENGR 101
ENGR 1410	ENGR 201	ENGR 201	ENGR 201	N/A	ENGR 201	ENGR 201	ENGR 201	ENGR 201	ENGR 201	ENGR 201
MATH 1060	MATH 160	MATH 160	MATH 160	MATH 160	MATH 160	MATH 160	MATH 160	MATH 160	MATH 160	MATH 160
MATH 1080	MATH 161	MATH 161	MATH 161	MATH 161	MATH 161	MATH 161	MATH 161	MATH 161	MATH 161	MATH 161
PHYS 1220 + 1240	PHYS 211+211L	PHYS 211+211L	PHYS 211+211L	PHYS 211+211L	PHYS 211+211L	PHYS 211+211L	PHYS 211+211L	PHYS 211+211L	PHYS 211+211L	PHYS 211+211L
<i>Additional coursework that may be taken towards a Clemson University Engineering Degree</i>										
BCHM 3050	CHEM 450	CHEM 450 ^c		CHEM 450 ^d						
BIOL 1030 + 1050	BIOL 121+121L or 111+111L	BIOL 121+121L or 111+111L					BIOL 121+121L or 111+111L	BIOL 121+121L or 111+111L ^e		
BIOL 4610	BIOL 340									
CH 1020	CHEM 112+112L	CHEM 112+112L		CHEM 112+112L		CHEM 112+112L	CHEM 112+112L	CHEM 112+112L ^a	CHEM 112+112L	
CH 2230 + 2270	CHEM 331+331L ^c	CHEM 331+331L		CHEM 331+331L			CHEM 331+331L		CHEM 331+331L	
CH 2240 + 2280	CHEM 332+332L ^c			CHEM 332+332L					CHEM 332+332L	
CH 3310 + 3390				CHEM 441L ^e					CHEM 441 ^b	
CH 3320 + 3400				CHEM 442 + 442L ^e					CHEM 442 ^b	
COMM 1500			COMM 140		COMM 140	COMM 140		COMM 140	COMM 140	
CPSC 1110					CSCI 140	CSCI 140				
ECE 2020	ENGR 235			ENGR 235 ^h	ENGR 235	ENGR 235		ENGR 235 ^h		ENGR 235 ^h
ENGL 3140			ENGL 211		ENGL 211	ENGL 211				ENGL 211
GEOL 1010 + 1030			GEOL 111				GEOL 111	GEOL 111 ^a		
MATH 2060	MATH 260	MATH 260	MATH 260	MATH 260	MATH 260	MATH 260	MATH 260	MATH 260	MATH 260	MATH 260
MATH 2080	MATH 320	MATH 320	MATH 320	MATH 320	MATH 320	MATH 320	MATH 320		MATH 320	MATH 320
MATH 3110					MATH 344	MATH 344 ^f		MATH 344		
MATH 4120					MATH 446 ^f	MATH 446 ^g				
MATH 4190					MATH 474	MATH 474 ^g				
MATH 4530					MATH 450 ^f	MATH 450 ^g				
MICR 3050		BIOL 330 +L					BIOL 330+L			
PHYS 2210 + 2230	PHYS 212+212L	PHYS 212+212L	PHYS 212+212L	PHYS 212+212L	PHYS 212+212L	PHYS 212+212L	PHYS 212+212L	PHYS 212+212L	PHYS 212+212L	PHYS 212+212L
STAT 2300									STAT 201	
	Bioeng.	Biosystems	Civil	Chemical	Computer	Electrical	Enviro.	Industrial	Materials Science	Mech.

^a Option to complete lab science requirement

^b For Materials Science engineering majors pursuing the polymeric materials concentration

^c For Biosystems engineering majors pursuing the bioprocess engineering emphasis area

^d Option to complete biochemistry requirement for Chemical Engineering majors pursuing the biomolecular engineering concentration

^e For Chemical Engineering majors **not** pursuing the biomolecular engineering concentration

^f Option to complete special requirement

^g Option to complete advanced mathematics or special requirement

^h Will cover the ECE 2070 requirement for this major, lab still needed

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 curriculums are available online at: <http://www.registrar.clemson.edu/html/catalog.htm>.

If you have questions or need further advice, please contact the CECAS Transfer Coordinator:

Karen Thompson, M.Ed., CECAS Academic Advisor and Transfer Coordinator at kt@clemson.edu or 864-656-2453.

Clemson University General Education Courses

Coastal Carolina Gen Eds	Clemson Course	Course Title	Hum Lit (3cr)	Hum Non-Lit (3cr)	Social Science (6cr ⁺)	CCA (3cr)*	STS (3cr)*
ARTH 105	AAH 1010	Survey of Art & Arch. Hist. I		•			
ARTH106	AAH1020	Survey of Art & Arch. History II				•	
ECON201	ECON2120	Principles of Macroeconomics			•		
ENGL205	ENGL2020	The Major Forms of Literature	•				
GEOG120	GEOG1010	Introduction to Geography			•		
GEOG 121	GEOG 1030	World Regional Geography			•	•	
MUS 110/207	MUSC 2100	Music in the Western World		•		•	
MUS258	MUSC3120	History of Jazz		•			
PHIL 101	PHIL 1010	Intro. to Philosophic Problems		•			
PHIL 102	PHIL 1030	Intro. to Ethics		•			
PHIL 110	PHIL 1020	Intro. to Logic		•			
POLI 101	PO SC 1020	Intro. To International Relations			•	•	
PSYC 101	PSYCH 2010	Introduction to Psychology			•		
RELG 103	REL 1020	World Religions		•		•	
SOC 101	SOC 2010	Introduction to Sociology			•		
SOC 102	SOC 2020	Social Problems			•		
WGST103	WS1030	Women in Global Perspective				•	

Prior to graduation all Engineering students must complete the General Education requirements specified in their curriculum. There may be many more courses that meet Clemson requirements available at CCU, this is simply a starter list. Please note:

- 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, IE, and ME. 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.