

Presbyterian College & 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 101 + 101L	CHEM 101 + 101L	CHEM 101 + 101L	CHEM 101 + 101L	CHEM 101 + 101L	CHEM 101 + 101L	CHEM 101 + 101L	CHEM 101 + 101L	CHEM 101 + 101L	CHEM 101 + 101L
ENGL 1030	ENGL 1001+ 1002	ENGL 1001+ 1002	ENGL 1001+ 1002	ENGL 1001+ 1002	ENGL 1001+ 1002	ENGL 1001+ 1002	ENGL 1001+ 1002	ENGL 1001+ 1002	ENGL 1001+ 1002	ENGL 1001+ 1002
ENGR 1020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENGR 1410	PHYS 4009 ^h	PHYS 4009 ^h	PHYS 4009 ^h	N/A	PHYS 4009 ^h	PHYS 4009 ^h	PHYS 4009 ^h	PHYS 4009 ^h	PHYS 4009 ^h	PHYS 4009 ^h
MATH 1060	MATH 201 + 202	MATH 201 + 202	MATH 201 + 202	MATH 201 + 202	MATH 201 + 202	MATH 201 + 202	MATH 201 + 202	MATH 201 + 202	MATH 201 + 202	MATH 201 + 202
MATH 1080	+ 301	+ 301	+ 301	+ 301	+ 301	+ 301	+ 301	+ 301	+ 301	+ 301
PHYS 1220 + 1240	PHYS 1600+ 1600L	PHYS 1600+ 1600L	PHYS 1600+ 1600L	PHYS 1600+ 1600L	PHYS 1600+ 1600L	PHYS 1600+ 1600L	PHYS 1600+ 1600L	PHYS 1600+ 1600L	PHYS 1600+ 1600L	PHYS 1600+ 1600L
<i>Additional Converse coursework that may be taken towards a Clemson University Engineering Degree</i>										
CE 2010	PHYS 2600	PHYS 2600	PHYS 2600				PHYS 2600	PHYS 2600	PHYS 2600	PHYS 2600
CE 2080		PHYS 2900	PHYS 2900				PHYS 2900			
BIOL 1030 + 1050	BIOL 1150+1150L	BIOL 1150+1151					BIOL 1150+1151	BIOL 1150+1151		
BIOL 3150	BIOL 3030									
BIOL 4610 + 4620	BIOL 2090									
CH 1020	CHEM 102 + 102L	CHEM 102 + 102L		CHEM 102 + 102L		CHEM 102 + 102L	CHEM 102 + 102L	<i>CHEM 102 + 102L^b</i>	CHEM 102 + 102L	
CH 2230 + 2270	CHEM 221 + 221L ^a	CHEM 221 + 221L		CHEM 221 + 221L			CHEM 221 + 221L		CHEM 221 + 221L	
CH 2240 + 2280	CHEM 222 + 222L ^a			CHEM 222 + 222L					CHEM 222 + 222L	CHEM 222 + 222L
CH 3310 + 3390				<i>CHEM 401L^e</i>					<i>CHEM 401^c</i>	
CH 3320 + 3400				<i>CHEM 402+402L^e</i>					<i>CHEM 402^c</i>	
COMM 2500			SPCH 201		SPCH 201	SPCH 201		SPCH 201	SPCH 201	
CPSC 1110					CSC 1232 +1232L	CSC 1232 +1232L				
MATH 2060	MATH 301 + 302	MATH 301 + 302	MATH 301 + 302	MATH 301 + 302	MATH 301 + 302	MATH 301 + 302	MATH 301 + 302	MATH 301 + 302	MATH 301 + 302	MATH 301 + 302
MATH 2080	MATH 401	MATH 401	MATH 401	MATH 401	MATH 401	MATH 401	MATH 401		MATH 401	MATH 401
MATH 3020	MATH 210 ^d		MATH 210				MATH 210		MATH 210	MATH 210
MATH 3110					MATH 307	<i>MATH 307^f</i>		MATH 307		
MATH 4120					<i>MATH 313^f</i>	<i>MATH 313^g</i>				
MICR 3050		BIOL 3060					BIOL 3060			
PHYS 2210 + 2230	PHYS 1610 + 1610L	PHYS 1610 + 1610L	PHYS 1610 + 1610L	PHYS 1610 + 1610L	PHYS 1610 + 1610L	PHYS 1610 + 1610L	PHYS 1610 + 1610L	PHYS 1610 + 1610L	PHYS 1610 + 1610L	PHYS 1610 + 1610L
	Bioeng.	Biosystems	Civil	Chemical	Computer	Electrical	Enviro.	Industrial	Materials Science	Mech.

^e For ChE majors **not** pursuing the biomolecular engineering concentration

^f Option to complete special requirement

^g Option to complete advanced mathematics requirement or special requirement

^h Must be MatLab intensive course

^b Option to complete lab science requirement, choose one

^c For MSE majors pursuing the polymeric materials concentration

^d For Bioengineering majors pursuing the biomaterials concentration

^e

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://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 864-656-2446.

Clemson University General Education Courses

PC Course	Clemson Course	Course Title	Hum Lit (3cr)	Hum Non-Lit (3cr)	Social Science (6cr ⁺)	CCA (3cr)*	STS (3cr)*
ECON 202	ECON 2110	Principles of Microeconomics			•		
ECON 201	ECON 2120	Principles of Macroeconomics			•		
ENGL 2201 or 2202	ENGL 2130	British Literature	•				
ENGL 2206 or 2207	ENGL 2140	American Literature	•				
PHIL 205	PHIL 1020	Intro. To Logic		•			
PHIL 203	PHIL 1030	Intro. To Ethics		•			
PLSC 202	POSC 1010	American National Government			•		
PSYC 201	PSYC 2010	Introduction to Psychology			•		
RELG 310	REL 1020	World Religions		•		•	
SOC 201	SOC 2010	Introduction to Sociology			•		
THEA 1200	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.