

## Furman University & Clemson University: Engineering Course Equivalencies

CU COURSE	Bioeng.	Biosystem	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.										
<b>CH 1010</b>	CHM110	CHM110	CHM110	CHM110	CHM110	CHM110	CHM110	CHM110	CHM110	CHM110
<b>ENGL 1030</b>	FYW options	FYW options	FYW options	FYW options	FYW options	FYW options	FYW options	FYW options	FYW options	FYW options
<b>ENGR 1020</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>ENGR 1410</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>MATH 1060</b>	MTH 150	MTH 150	MTH 150	MTH 150	MTH 150	MTH 150	MTH 150	MTH 150	MTH 150	MTH 150
<b>MATH 1080</b>	MTH 151	MTH 151	MTH 151	MTH 151	MTH 151	MTH 151	MTH 151	MTH 151	MTH 151	MTH 151
<b>PHYS 1220 + 1240</b>	PHY 111	PHY 111	PHY 111	PHY 111	PHY 111	PHY 111	PHY 111	PHY 111	PHY 111	PHY 111
<i>Additional coursework that may be taken towards a Clemson University Engineering Degree, by major::</i>										
<b>BIOL 1030 + 1050</b>	BIO 101	BIO 101					BIO 101	<i>BIO 101<sup>a</sup></i>		
<b>BIOL 4610+4620</b>	BIO 300									
<b>CH 1020</b>	CHM 115	CHM 115		CHM 115		CHM 115	CHM 115	<i>CHM 115<sup>a</sup></i>	CHM 115	
<b>CH 2230 + 2270</b>	<i>CHM 120<sup>c</sup></i>	CHM 120		CHM 120			CHM 120		CHM 120	
<b>COMM 2500</b>			COM 101		COM 101	COM 101		COM 101	COM 101	
<b>GEO 1010+1030</b>			EES 111				EES 111	<i>EES 111</i>		
<b>MATH 2060</b>	MTH 250	MTH 250	MTH 250	MTH 250	MTH 250	MTH 250	MTH 250	MTH 250	MTH 250	MTH 250
<b>MATH 2080</b>	MTH 255	MTH 255	MTH 255	MTH 255	MTH 255	MTH 255	MTH 255		MTH 255	MTH 255
<b>MATH 3110</b>					MTH 160	<i>MTH 160<sup>b</sup></i>		MTH 160		
<b>MICR 3050</b>		BIO 301					BIO 301			
<b>PHYS 2210 + 2230</b>	PHY 112	PHY 112	PHY 112	PHY 112	PHY 112	PHY 112	PHY 112	PHY 112	PHY 112	PHY 112
<b>STAT 2300</b>									MTH 241	
	<b>Bioeng.</b>	<b>Biosystem</b>	<b>Civil</b>	<b>Chemical</b>	<b>Computer</b>	<b>Electrical</b>	<b>Enviro.</b>	<b>Industrial</b>	<b>Materials Science</b>	<b>Mech.</b>

<sup>a</sup> Options to complete lab science requirement

<sup>b</sup> Option to complete special requirement

<sup>c</sup> Encouraged for those pursuing medical school

**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](mailto:kt@clemson.edu) or 864-656-2446.

## Clemson University General Education Courses

Furman Eds	Gen	Clemson Course	Course Title	Hum Lit (3cr)	Hum Non- Lit (3cr)	Social Science (6cr')	CCA (3cr)*	STS (3cr)*
ART 130		AAH 2100	Intro. to Art and Architecture		•		•	
ANT 105		ANTH 2010	Introduction to Anthropology			•	•	
CHN 246		ENGL 2120	World Literature	•				
HST 121		HIST 1010	History of the U.S. (1 <sup>st</sup> part)			•		
HST 122		HIST 1020	History of the U.S. (2 <sup>nd</sup> part)			•		
HST 104		HIST 1930	Modern World History			•	•	
MUS 101		MUSIC 2100	Music in the Western World		•		•	
HSC 315		NUTR 2030	Principles of Human Nutrition					•
PHL 101		PHIL 1010	Intro. To Philosophic Problems		•			
ECN 248		POSC 1010	American National Government			•		
REL 101		REL 1010	Introduction to Religion		•		•	
REL 125		REL 1020	World Religions		•		•	
THA 101		THEA 2100	Theatre Appreciation		•			

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, 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.*