

Associate in Engineering
A10500
60 - 61 SHC
Effective Date: Fall 2017



Name:
SID:
Phone:
2nd Advisor:
4-year Major:
4-year Institution:

Requirement	Course Title	Prerequisites/Corequisites	Course/Comments	Credit	Sem Taken	Grade
English/Composition 1	^R ENG 111: Writing & Inquiry	DRE 098		3		
College Transfer	^R ACA 122: College Transfer Success	None		1		
Math 1	^R MAT 271: Calculus I	MAT 172		4		
Pre-Major	^R EGR 150: Introduction to Engineering	None		2		
Natural Science 1	^R CHM 151: General Chemistry I	DRE 098 & DMA 065; co-requisite: MAT 171		4		

Spring I **Semester Total: 14**

Requirement	Course Title	Prerequisites/Corequisites	Course/Comments	Credit	Sem Taken	Grade
English/Composition 2	^R ENG 112: Writing & Research In the Disciplines	ENG 111		3		
Math 2	^R MAT 272: Calculus II	MAT 271		4		
Natural Science 2	^R PHY 251: General Physics I	MAT 271; co-req: MAT 272		4		
Social/Behavioral Science 1	^R ECO 251: Principles of Microeconomics	DRE 098 & DMA 030		3		

Fall II **Semester Total: 14**

Requirement	Course Title	Prerequisites/Corequisites	Course/Comments	Credit	Sem Taken	Grade
Math 3	^R MAT 273: Calculus III	MAT 272		4		
Natural Science 3	^R PHY 252: General Physics II	PHY 251; MAT 272		4		
Social/Behavioral Science 2	^C PSY 150: Introduction to Psychology	DRE 098		3		
Fine Arts/Communications	^B COM 231: Public Speaking	DRE 098		3		
Humanities	^A ENG 241: British Literature I	ENG 112, ENG 113 or ENG 114		3		

Spring II **Semester Total: 17**

Requirement	Course Title	Prerequisites/Corequisites	Course/Comments	Credit	Sem Taken	Grade
General Education/Pre-major	^D BIO 111: General Biology I	DRE 098		4		
General Education/Pre-major	^D CHM 152 General Chemistry II	CHM 151		4		
General Education/Pre-Major	^D CSC 151: JAVA Programming	None		3		
General Education/Pre-Major	^D PED 110: Fitness and Wellness for Life	None		2		
General Education/Pre-major	^B COM 110: Introduction to Communications	DRE 098		3		

Semester Total: 16
Program Total 60-61 GPA:

^RStudy Skills - 1 credit

ACA 122*	College Transfer Success (None) (1)
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^REnglish Composition - 6 credits

ENG 111	Writing and Inquiry (DRE 098) (3)
ENG 112	Writing/Research in Disciplines (ENG 111) (3)

^REngineering - 2 credits

EGR 150*	Introduction to Engineering (None) (2)
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^RSocial/Behavioral Sciences - 3 credits

ECO 251	Principles of Microeconomics (DRE 098/DMA 030) (3)
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^RMathematics - 12 credits

MAT 271	Calculus I (MAT 172) (4)
MAT 272	Calculus II (MAT 271) (4)
MAT 273*	Calculus III (MAT 272) (4)

^RNatural Sciences - 12 credits

CHM 151	General Chemistry I (DRE 098/DMA 065; co-req MAT 171) (4)
PHY 251	General Physics I (MAT 271; co-req MAT 272) (4)
PHY 252	General Physics II (PHY 251) (4)

A. Humanities (Choose 1) - 3 credits

ENG 231	American Literature I (ENG 112, ENG 113 or ENG 114) (3)
ENG 232	American Literature II (ENG 112, ENG 113 or ENG 114) (3)
ENG 241	British Literature I (ENG 112, ENG 113 or ENG 114) (3)
ENG 242	British Literature II (ENG 112, ENG 113 or ENG 114) (3)
REL 110*	World Religions (DRE 098; co-req ENG 111) (3)

B. Fine Arts and Communications (Choose 1) - 3 credits

ART 111	Art Appreciation (DRE 098) (3)
COM 231	Public Speaking (DRE 098) (3)
MUS 110	Music Appreciation (None) (3)
MUS 112	Introduction to Jazz (None) (3)

C. Social/Behavioral Sciences (Choose 1) - 3 credits

HIS 111	World Civilizations I (DRE 098) (3)
HIS 112	World Civilizations II (DRE 098) (3)
HIS 131	American History I (DRE 098) (3)
HIS 132	American History II (DRE 098) (3)
POL 120	American Government (DRE 098) (3)
PSY 150	General Psychology (DRE 098) (3)
SOC 210	Introduction to Sociology (DRE 098) (3)

*Courses not classified as UGETCC

D. General Education and Pre-Major courses (15 credits)

****Choose courses from this list or courses not previously used:**

BIO 111	General Biology I (DRE 098) (4)
CHM 152	General Chemistry II (CHM 151) (4)
COM 110*	Introduction to Communications (DRE 098) (3)
CSC 151*	JAVA Programming (DMA 040) (3)
ECO 252	Principles of Macroeconomics (DRE 098/DMA 030) (3)
PED 110*	Fit & Well for Life (None) (2)

****Students should choose courses appropriate to the specific university and engineering major requirements.**