

**BIOLOGICAL & AGRICULTURAL ENGINEERING
UNOFFICIAL DEGREE PLAN**

STUDENT'S NAME: _____

Catalog 2020

STUDENT'S ID#: _____

DATE: _____

FACULTY ADVISOR'S NAME: _____

For students entering during the 2020-2021 school year. See undergraduate catalog for requirements and course descriptions. Foreign Language Requirements: 2 yrs. HS or 1 yr. College. Total credits required: 127

GR	COURSE	CR.	PREREQUISITE	GR	COURSE	CR.	PREREQUISITE
FRESHMAN							
___	ENGL 104 (3-0)	3		___	ENGL 210 (3-0)	3	
___	ENGR 102 (1-3)	2	MATH 151*	___	PHYS 206 (3-0)	3	MATH 151;
___	MATH 151 (3-2)	4	MATH 150 or >22 on TAMU MPE	___	ENGR 216 (1-3)	2	MATH 151; ENGR 102; PHYS 206*
___	CHEM 107 (3-0)	3	CHEM 117*	___	POLS 206 (3-0)	3	
___	CHEM 117 (0-3)	1	CHEM 107*	___	MATH 152 (3-2)	4	MATH 151
___	American Hist. ^{1,2}	3				15	
		16					
SOPHOMORE							
___	BAEN 201 (2-3)	3	ENGR 102, MATH 151, CHEM 107/117	___	CHEM 222 (3-0)	3	CHEM 107
___	MEEN 221 (2-2)	3	MATH 251*; PHYS 206	___	BAEN 301 (2-3)	3	MEEN 221*
___	BIOL 111 (3-3)	4		___	BAEN 320 (2-2)	3	MEEN 221; MATH 251*
___	MATH 251 (3-0)	3	MATH 152	___	CVEN 305 (3-0)	3	MEEN 221
___	PHYS 207 (3-0)	3	MATH 152, PHYS 206, ENGR 217*	___	MSEN 222 (3-0)	3	CHEM 107; PHYS 206
___	ENGR 217 (1-3)	2	MATH 152, PHYS 206/216, PHYS 207*	___	MATH 308 (3-0)	3	MATH 251*
		18				18	
JUNIOR							
___	BAEN 302 ⁴ (2-3)	3	BIOL 111, CHEM 222*	___	BAEN 365 (2-3)	3	BAEN 340; CVEN 305*
___	BAEN 340 (3-0)	3	MEEN 221, BAEN 320*	___	BAEN 366 (3-0)	3	BAEN 320, 340, 365*; MATH 308
___	BAEN 354 (2-3)	3	MEEN/MSEN 222	___	BAEN 370 (2-2)	3	ECEN 215
___	BAEN 375 (3-0)	3	CVEN 305	___	MATH Elect. ³	3	
___	ECEN 215 (2-2)	3	MATH 251; PHYS 208 or PHYS	___	POLS 207 (3-0)	3	
		15				15	
SENIOR							
___	BAEN 479 (3-0)	3	BAEN 340, 365, (366 or 370), 354*, 375*	___	BAEN 480 ⁴ (0-6)	3	BAEN 479
___	BAEN 399 ⁵	0		___	BAEN Elect. ³	3	
___	Lang, Phil, & Cult ^{1,2}	3		___	Tech. Elect. ³	3	
___	BAEN Elect. ³	3		___	American Hist. ^{1,2}	3	
___	ENGR Elect. ³	3		___	Creative Arts Elec. ^{1,2}	3	
___	Soc. Sci. Elec. ^{1,2}	3				15	
		15					

* Must Co-Register

Total Degree Hours 127

ICD/CD²: _____

Notes: Grade Requirement: A grade of C or better is required for all courses in engineering, math, and science.

1. To be selected from the University Core Curriculum.

2. The 3 hours of international and cultural diversity and 3 hours of cultural discourse courses, as required for graduation, may be met in the curriculum. Students may select Language, Philosophy, and Culture, Social and Behavioral Sciences, Creative Arts, or American History Electives that also meet the ICD/CD requirement.

3. To be selected from departmental list of approved courses.

4. All undergraduate students must take at least two (2) specific courses in their major designated as writing intensive.

5. All engineering students are required to complete a high-impact experience in order to graduate. The list of possible high-impact experiences is available in the BAEN advising office.