BACHELOR OF ARTS IN ENGINEERING **Catalogue**

Student: **Date:** **2016-2017**

ID #: **Advisor:**

Year 1

Semester 1	Cr	Status	Semester 2	Cr	Status
ENGR 002 - Graphical Communication	2		ME 001/ EE 001/ CE 003 - First Year Design Experience	2-3	
CHEM 031 - General Chemistry I[1]	4		CS 020 - Programming for Engineers[1]	3	
Foundational Writing and Info Literacy[2]	3		Distribution - Social Science[3]	3	
MATH 021 - Calculus I[1]	4		MATH 022 - Calculus II[1]	4	
Distribution - Social Science[3]	3		PHYS 031 - Physics for Engineers I[1]	4	
ENGR 050 - First Year Engineering Seminar [opt]	[1]		PHYS 030 - Prob. Solv. Session I [opt]	[1]	
Total credits	*16-17*		*Total credits*	*16-18*	

1. Students must complete the Pre-Engineering Technical (PET) courses with C- or higher by the end of the first year of study. Students not completing the PET Requirement during their first year, will be put on NOTICE and must successfully complete the courses by the end of the fall term of their Sophomore year in order to take additional engineering courses. Student must have a cumulative GPA of at least 2.3 before taking sophomore level engineering courses.

Year 2

Semester 1	Cr	Status	Semester 2	Cr	Status
EE 003 - Linear Circ. Analysis I or EE 100 - Electrical Engr. Concepts I	3/4		CE 001 - Statics	3	
Distribution - Humanities[3]	3		ME 040 - Thermodynamics	3	
Distribution - Humanities[3]	3		Engineering Science[4]	3	
MATH 121 - Calculus III	4		MATH 271 - Appl. Math. for Engr. & Sci.	3	
PHYS 125 - Physics for Engineers II	3		Distribution - Fine Arts[3]	3	
PHYS 123 - Prob. Solv. Session II [opt]	[1]				
Total credits	*16-18*		*Total credits*	*15*	

Year 3

Semester 1	Cr	Status	Semester 2	Cr	Status
Engineering Science[4]	3		Engineering Science[4]	3	
Engineering Science[4]	3		Engineering Science[4]	3	
Free Elective	3		Free Elective	3	
Distribution - Foreign Language[3]	3		Distribution - Foreign Language[3]	3	
Minor[5]	3		Minor[5]	3	
Total credits	*15*		*Total credits*	*15*	

Year 4

Semester 1	Cr	Status	Semester 2	Cr	Status
Distribution - Literature[3]	3		Engineering Science[4]	3	
Engineering Science[3]	3		Engineering Science[4]	3	
ME 185/ EE 187/ CE 185 - Capstone Design I	3		ME 186/ EE 188/ CE 186 - Capstone Design II	3	
Minor[5]	3		Minor[5]	3	
Minor[5]	3		Minor[5]	3	
Total credits	*15*		*Total credits*	*15*	

2. Foundational Writing and Information Literacy: Students must take either ENGS 001 or HCOL 085 (only if the student is enrolled in the Honors College). Students transferring from the College of Arts and Sciences can use a TAP class to fulfill this requirement

3. Consult the Arts & Sciences portion of this catalog for courses approved to meet the BA distribution requirements. BAE students use HSS or minor requirements to satisfy diversity requirement (three credits of D1 and three credits of D1 or D2).

4. Engineering Science: All CE, EE, ME and ENGR courses (except ENGR 010). Must have at least 9cr at the 200-level.

5. Minor in a liberal arts field is required. BAE students should use HSS or minor requirements to satisfy diversity requirement (three credits of D1 and three credits of D1 or D2).