

TYPICAL SEMESTER-BY-SEMESTER PROGRESSION
ELECTRONICS ENGINEERING TECHNOLOGY, Catalog 2024-2025
Biomedical Concentration (141B)

1ST YEAR

Fall 1 st Semester	Sem Hours	Spring 2 nd Semester	Sem Hours
EET 1300	3	EET 1320	3
EET 1301	1	EET 1321	1
EET 1311	1	EET 1330	3
IET 1700	1	EET 1331	1
		IET 1400	3
CHEM 1070 ³	3		
ENGL 1010	3	ENGL 1020	3
MATH 1820	3	MATH 1830	3
UNIV 1000	1		
Total	16	Total	17

2ND YEAR

Fall 1 st Semester	Sem Hours	Spring 2 nd Semester	Sem Hours
BIOL 2250	3	EET 2330 ²	3
BIOL 2251	1	EET 2331 ²	1
EET 2320 ¹	3	EET 3310 ²	3
EET 2321 ¹	1	EET 3311 ²	1
		EET 2350 ²	3
		EET 2351 ²	1
MATH 2130	3		
PHYS 2030	3	MATH 2140	3
PHYS 2031	1		
Total	15	Total	15

3RD YEAR

Fall 1 st Semester	Sem Hours	Spring 2 nd Semester	Sem Hours
EET 3360 ¹	3	EET 4300 ²	3
EET 3361 ¹	1	EET 4301 ²	1
BMET 3320 ¹	3	BMET 3370 ²	3
BMET 3321 ¹	1	BMET 3371 ²	1
BIOL 2260	3	IET 1080	3
BIOL 2261	1	EET 4390 ²	3
ENGL 2110	3	ENGL 3230	3
Total	15	Total	17

4TH YEAR

Fall 1 st Semester	Sem Hours	Spring 2 nd Semester	Sem Hours
EET 4940	3	BMET 4950 (Internship)	4
IET 3740	3		
ECON 2000	3	FA 1040	3
History ⁴	3	COMM 1010	3
		Behavioral Sci. ⁵	3
Total	12	Total	13

¹ Typically offered during the fall semester only

² Typically offered during the spring semester only

³ BMET concentration must take this Chemistry not CHEM 1030

⁴ Students can choose either HIST 1010 or 1020 or 2010 or 2020

⁵ Students can choose either EPSY 2020 or PSYC 1010 or 2050 or SOC 1010

IMPORTANT NOTES

I. Prerequisites and corequisites for each course are listed in the general catalog.

II. EET 4940 and BMET 4950 (Internship) are taken during the last two semesters before graduation.

Effective Fall 2024

Note:

ELECTRONICS ENGINEERING TECHNOLOGY, Biomedical Concentration (141B)

A Comprehensive Course List, Catalog 2024-2025

Name: _____ ID# _____ Advisor: _____

University Core	Hrs.	Grade	Semester Offered	Major requirements in EET	Hrs.	Grade	Semester Offered
ENGLISH				EET 1300 Electrical Principles I	3		FA/SP
ENGL 1010	3		FA/SP	EET 1301 Electrical Principles I Lab	1		FA/SP
ENGL 1020	3		FA/SP	EET 1311 Electronic Fabrication Lab	1		FA/SP
MATHEMATICS				EET 1320 Electrical Principles II	3		FA/SP
MATH 1820	3		FA/SP	EET 1321 Electrical Principles II Lab	1		FA/SP
MATH 1830	3		FA/SP	EET 1330 Digital Electronics I	3		FA/SP
NATURAL SCIENCES				EET 1331 Digital Electronics I Lab	1		FA/SP
Physical Sciences			FA/SP	EET 2320 Basic Electronics	3		FA
CHEM 1070	3		FA/SP	EET 2321 Basic Electronics Lab	1		FA
PHYS 2030	3		FA/SM	EET 2330 Electric Motor Controls	3		SP
PHYS 2031	1		FA/SM	EET 2331 Electric Motor Controls Lab	1		SP
				EET 2350 Advanced Electronics	3		SP
HUMANITIES				EET 2351 Advanced Electronics Lab	1		SP
Introduction to literature				EET 3310 Digital Electronics II	3		FA
ENGL 2110	3		FA/SP	EET 3311 Digital Electronics II Lab	1		FA
History				EET 3360 Instrumentation and Control	3		SP
HIST 1010 or 1020 or 2010 or 2020	3		FA/SP	EET 3361 Instrumentation and Control Lab	1		SP
Communication				EET 4300 Microprocessor Fundamentals	3		SP
COMM 1010	3		FA/SP	EET 4301 Microprocessor Fundamentals Lab	1		SP
FINE ARTS				EET 4390 Digital Communications	3		SP
FA 1040	3		FA/SP	EET 4940 Project Design I	3		FA/SP
SOCIAL SCIENCE				IET 1400 Technical Drafting I	3		FA/SP
ECON 2000	3		FA/SP	IET 1700 Introduction to ET	1		FA/SP
BEHAVIORAL SCIENCE				IET 3740 Supervision in Organizations	3		FA/SP
EPSY 2020 or PSYC 1010 or 2050 or SOC 1010	3		FA/SP				
University Experience UNIV 1000	1		FA/SP	CONCENTRATION AREA			
SUPPORT COURSES				BMET 3320 Digital Signal Processing	3		FA
ENGL 3230 Technical Composition	3		FA/SP	BMET 3321 Digital Signal Proc Lab	1		FA
MATH 2130 Calculus for ET I	3		FA/SP	BMET 3370 Biomedical Instrumentation	3		SP
MATH 2140 Calculus for ET II	3		FA/SP	BMET 3371 Biomedical Inst. Lab	1		SP
IET 1080 Programming For ET	3		FA/SP	BMET 4950 Biomedical Internship	4		FA/SP
				BIOL 2250 Anatomy/Physiology I	3		FA/SP
				BIOL 2251 Anatomy/Physiology Lab I	1		FA/SP
Revised 7-18-2024				BIOL 2260 Anatomy/Physiology II	3		FA/SP
Total hours for degree: 120				BIOL 2261 Anatomy/Physiology Lab II	1		FA/SP