
Associate of Science in Biomedical Engineering

Year 1

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
ENGR 1201 Intro to Engineering	2	ENGR 2304 Engr Programming	3
BIOL 1406 Biology I	4	PHYS 2425 University Physics I	4
CHEM 1411 General Chemistry I	4	CHEM 1412 General Chemistry II	4
MATH 2413 Calculus I	4	MATH 2414 Calculus II	4
Texas Core Curriculum 1	3		
Total hours:	17	Total hours:	15

Year 2

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
ENGR 2301 Engr Mech I – Statics	3	ENGR 2305 & 2105 Circuits	4
PHYS 2426 University Physics II	4	MATH 2415 Calculus III	4
CHEM 2423 Organic Chemistry I	4	MATH 2320 Differential Equations	3
Texas Core Curriculum 2	3	Texas Core Curriculum 3	3
Total hours:	14	Total hours:	14

Some recommended core courses for engineering students:

- ENGL 1301 – Freshman Composition I
- GOVT 2305 – National Government
- GOVT 2306 – Texas Government
- HIST 1301 – History Of US To 1877
- HIST 1302 – History Of US From 1877
- ENGR 2308 – Engineering Economics

Total Degree Hours: 60