

UTK ARTICULATION AGREEMENT BIOMEDICAL ENGINEERING

This program leads to an Associate of Science degree from Roane State and a Bachelor of Science in Biomedical Engineering from the University of Tennessee.

ROANE STATE

Freshman	fall	spring	Sophomore	fall	spring
English 1010-1020	3	3	Mathematics 2110-2120	3	3
Mathematics 1910-1920	5	5	Physics 2110-2120	4	4
Chemistry 1110-1120	4	4	Engineering Science 211-212.....	3	3
Engineering Science 111-112	1	3	¹ History Sequence	3	3
Engineering 161.....	3	-	² Sophomore Literature	3	3
Humanities Elective.....	3	-	Mathematics 2000.....	-	1
Speech 201.....	-	3	Physical Education Activity	1	1
TOTAL	19	18	TOTAL	17	18

In order to be considered for admission to a major within the College, students must have earned a minimum of 2.30 cumulative average in English 1010-1020, Chemistry 1110-1120, and Mathematics 1910-1920. In order to progress into the major, students must complete 47 semester hours of Lower Division engineering curriculum course work with an overall GPA of at least 2.4. Provisional status may be granted to students with a grade point average of 2.0-2.39. Provisional students must then complete 12 credit hours of engineering courses (9 hours of which are specified in the department) with a minimum grade point average of 2.0.

UNIVERSITY OF TENNESSEE

*Transition : Biology 130, Mechanical Engineering 231, and Materials Science and Engineering 201.
(10 credit hours)*

Junior	Hours	Senior	Hours
Biomedical Engineering 271-300	6	Biomedical Engineering 430, 431, 435	6
Biology 140	4	Engineering Elective	3
Electrical and Computer Engineering 301	3	Mechanical Engineering 402	1
Aerospace Engineering 341.....	3	Mechanical Engineering 331.....	3
Materials Science & Engineering 474	3	Biomedical Engineering 455-469	6
Mechanical Engineering 321	3	Biomedical Engineering Elective	3
Biomedical Engineering 310, 320, and 346	7	Technical Electives	6
Economics 201.....	4	Anthropology 130.....	3
Physics 232.....	4	Philosophy 345.....	3
TOTAL	37	TOTAL	35

¹Select sequence from: HIST 1010-1020, 1110-1120, 2010-2020.

²Chosen from: ENGL 2110, 2120, 2210, 2220, 2310, 2320.