

UTK ARTICULATION AGREEMENT BIOMEDICAL ENGINEERING (IBME)

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

PELLISSIPPI STATE					
Freshman	fall	spring	Sophomore	fall	spring
English 1010-1020	3	3	³ Social Science Elective	-	3
¹ Mathematics 1910-1920	4	4	⁴ Sophomore Literature	3	-
Engineering Science 1510, 1520	4	4	History 1010-1020 or 1110-1120	3	3
Chemistry 1110-1120	4	4	Economics 2010	4	-
Computer Science 1050	1	-	Mathematics 2000, 2110, 2120	4	4
² Humanities/Arts Electives	-	6	Physics 2110, 2120	4	4
Speech 2100	3	-	Engineering Science 2021, 2310	-	5
Total	19	21	Total	18	19
<p>In order to transfer to the College of Engineering Students must have earned a minimum 2.30 cumulative average and a C or better in English 1010-1020, Chemistry 1110-1120, and Mathematics 1910-1920. Additionally, lower division student may apply for progression to upper-division after completing 47 hours of lower-division engineering curriculum course work with a "C" or better in CHEM 1110, ENS 2021, ENS 2310, MATH 2120, PHYS 2110 and ME 321 from UTK and an overall GPA of at least 2.4.</p>					
UNIVERSITY OF TENNESSEE					
<i>Transition: Mechanical Engineering 321; Biochemistry and Cellular & Molecular Biology 230, Biomedical Engineering 271 (9 credit hours)</i>					
Junior	hours	Senior	hours		
Electrical & Computer Engineering 300, 315	8	Engineering Fundamentals 402	1		
Aerospace Engineering 341	3	Biomedical Engineering 410, 430, 455, 469, and 473	13		
Biomedical Engineering 345, 363	6	Technical Elective	3		
Mechanical Engineering 331	3	Departmental Elective	6		
Philosophy 241	3	Statistics 251	3		
Materials Science & Engineering 201	3				
Total	26	Total	26		
<p>¹Enrollment in MATH 1910 requires completion of MATH 1730 or an ACT math score of 26 and completion of precalculus, geometry, and trigonometry. ²Chosen from: ART 1720, 1730; ENGL 2110, 2120, 2210, 2220, 2310, 2320, 2331, 2510, 2520; MUS 1030; PHIL 1030; THEA 1030. ³Chosen from: ANT 1300; HIST 2040; POL 1020; PSY 1010, 2400; SOC 1010, 1020; WMN 2200. ⁴Chosen from: ENGL 2110, 2120, 2210, 2220, 2310, 2320, 2331, 2510, 2520.</p>					