

## UTK ARTICULATION AGREEMENT BIOMEDICAL ENGINEERING (GS42)

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	<sup>2</sup> Sophomore Literature .....	-	3
<sup>1</sup> Mathematics 1910-1920 .....	4	4	Philosophy 2450 .....	3	-
Chemistry 1110-1120 .....	4	4	<sup>3</sup> History Sequence .....	3	3
Engineering Science 1210-1310 .....	3	3	<sup>4</sup> Humanities/Arts Elective .....	-	3
Computer Science 1370 .....	4	-	Mathematics 2000, 2110, and 2120...4 .....	4	4
Computer Integrated			Physics 2110-2120 .....	4	4
Drafting 1104 .....	-	4	Speech 2100, 2200, or 2400 .....	3	-
Anthropology 1300 .....	-	3	Physical Education Activity .....	-	1
Physical Education Activity .....	1	-			
TOTAL	19	21	TOTAL	17	18

In order to be considered for admission to a major in within the College, students must have earned a minimum 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 this specified curriculum with a minimum grade point average of 2.4. Provisional status may be granted to students with a grade point average of 2.0-2.39. These 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 : Engineering Science 231, 321; Materials Science and Engineering 201 (9 credit hours)*

Junior	Hours	Senior	Hours
Biomedical Engineering 271-300 .....	6	Biomedical Engineering 430, 431, and 455 .....	6
Biology 130-140 .....	8	Engineering Electives .....	6
Electrical Engineering 301 .....	3	Mechanical Engineering 402 .....	1
Aerospace Engineering 341 .....	3	Biomedical Engineering 469 .....	4
Materials Science & Engineering 474 .....	3	Biomedical Engineering Elective .....	3
Mechanical Engineering 331 .....	3	Economics 201 .....	4
Biomedical Engineering 301, 310, and 346 .....	7	Technical Electives .....	6
TOTAL	33	TOTAL	30

<sup>1</sup>Students who do not have an ACT math score of at least 26 must take MATH 1730 before MATH 1910 (Students may instead elect to take MATH 1735 and 1905 to fulfill the MATH 1730 and MATH 1910 requirement.)

<sup>2</sup>Chosen from: ENGL 2110, 2120, 2210, 2220, 2310, 2320.

<sup>3</sup>Select sequence from: HIST 1010-1020, 1110-1120, 2010-2020.

<sup>4</sup>Chosen from: ART 1720, 1730; ENGL 2630; MUS 1020, 1030; PHIL 1030, 2010, 2400; THEA 1030.