

## 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>3</sup> Social Science Elective .....	3	-
<sup>1</sup> Mathematics 1910-1920 .....	4	4	<sup>4</sup> Sophomore Literature .....	3	-
Engineering Science 1510, 1520 .....	4	4	<sup>5</sup> History Sequence .....	3	3
Chemistry 1110, 1120 .....	4	4	Economics 2010 .....	4	-
Computer Science 1050, 1300 .....	1	2	Mathematics 2000, 2110, 2120 .....	4	4
<sup>2</sup> Humanities/Arts Electives .....	-	6	Physics 2110, 2120 .....	4	4
Speech 2100 .....	3	-	Engineering Science 2021, 2310 ...	-	5
TOTAL	18	19	TOTAL	22	20

A 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.

### UNIVERSITY OF TENNESSEE

*Transition: Biology 140; Mechanical Engineering 321; Biomedical Engineering 271 (10 credit hours)*

Junior	Hours	Senior	Hours
Electrical & Computer Engineering 300, 315	8	Engineering Fundamentals 402 .....	1
Aerospace Engineering 341 .....	3	Biomedical Engineering 410, 430, 455, and 469 .....	11
Biomedical Engineering 300, 310, and 320 ...	8	Technical Elective .....	4
Mechanical Engineering 331 .....	3	Departmental Elective .....	3
Philosophy 241 .....	3	Statistics 251 .....	3
Materials Science & Engineering 201 .....	3	TOTAL	22
TOTAL	28		

<sup>1</sup>Students who do not have an ACT math score of at least 26 must take MATH 1730 before MATH 1910.

<sup>2</sup>Chosen from: ART 1720, 1730; ENGL 2110, 2120, 2210, 2220, 2310, 2320, 2331, 2510, 2520; MUS 1030; PHIL 1030; THEA 1030.

<sup>3</sup>Chosen from: ANT 1300; HIST 2040; POL 1020; PSY 1010; SOC 1010, 1020.

<sup>4</sup>Chosen from: ENGL 2110, 2120, 2210, 2220, 2310, 2320, 2331, 2510, 2520.

<sup>5</sup>Select sequence from: HIST 1010-1020, 1110-1120.