

**UTK ARTICULATION AGREEMENT  
MATERIALS SCIENCE & ENGINEERING (IMSE)  
Biomaterials Concentration**

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

<b>PELLISSIPPI STATE</b>					
<b>Freshman</b>	<b>fall</b>	<b>spring</b>	<b>Sophomore</b>	<b>fall</b>	<b>spring</b>
English 1010-1020	3	3	<sup>3</sup> Social Science Elective	-	3
<sup>1</sup> Mathematics 1910-1920	4	4	Speech 2100	3	-
Engineering Science 1510, 1520	4	4	<sup>4</sup> Sophomore Literature	3	-
Chemistry 1110-1120	4	4	History 1010-1020 or 1110-1120	3	3
Computer Science 1050	1	-	Economics 2010	-	4
<sup>2</sup> Humanities/Arts Electives	3	3	Mathematics 2000, 2110, 2120	4	4
			Physics 2110, 2120	4	4
<b>Total</b>	<b>19</b>	<b>18</b>	<b>Total</b>	<b>17</b>	<b>18</b>

Admission to the College of Engineering requires a minimum GPA of 2.3 and a C or better in English 1010, Mathematics 1910, and Chemistry 1110 (and subsequent courses in the three sequences, if taken). Students should earn Cs or better in all Engineering, Mathematics, and Science courses.

Additionally, a lower-division student formally applies for upper-division status after completing 50 hours of lower-division engineering curriculum coursework with an overall GPA of at least 2.4. This must include Materials Science & Engineering 201.

<b>UNIVERSITY OF TENNESSEE</b>			
<i>Transition: Materials Science &amp; Engineering 101, 201, 250, 260, 290, 291 (12 credit hours)</i>			
<b>Junior</b>	<b>hours</b>	<b>Senior</b>	<b>hours</b>
Materials Science & Engineering 300, 302, 304, 320, 340, 350, 360, 370, and 390	23	Materials Science & Engineering 405, 480, and 489	10
Biology 140 or BCMB 230	4-5	Materials Science & Engineering 474 and either 485 or 486	6
Statistics 251	3	Electrical & Computer Engineering 301	3
		Engineering Fundamentals 402	1
		<sup>5</sup> Technical Elective	3
<b>Total</b>	<b>30-31</b>	<b>Total</b>	<b>23</b>

<sup>1</sup>Enrollment in MATH 1910 requires completion of MATH 1730 or an ACT math score of 26 and completion of precalculus, geometry, and trigonometry.

<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.