

UTK ARTICULATION AGREEMENT
NUCLEAR ENGINEERING
RADIOLOGICAL ENGINEERING CONCENTRATION (GS50)

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

PELLISSIPPISTATE

Freshman	fall	spring	Sophomore	fall	spring
English 1010-1020	3	3	Philosophy 2420	3	-
¹ Mathematics 1910-1920	4	4	Economics 2010	-	4
Chemistry 1110-1120	4	4	³ Sophomore Literature	-	3
Computer Science 1050, 1300.....	1	2	⁴ History Sequence	3	3
Engineering Science 1510-1520.....	4	4	Mathematics 2110-2120.....	4	3
Speech 2100	3	-	Physics 2110-2120	4	4
² Humanities/Arts Elective	-	3	⁵ Social Science Elective	-	3
			Engineering Science 2021	2	-
TOTAL	19	20	TOTAL	16	20

In order to be considered for admission to a major in the College, students must have earned a minimum 2.30 cumulative average in English 1010-1020, Chemistry 1110-1120, and Mathematics 1910-1920.

UNIVERSITY OF TENNESSEE

Summer: Electrical & Computer Engineering 301 (3 credit hours)

Junior	Hours	Senior	Hours
Nuclear Engineering 200, 301, 304, 342, 351, 431, and 470	19	Nuclear Engineering 400, 403, 406, and 472 ...	11
Mechanical Engineering 331	3	Technical Elective	3
Physics 341	3	Statistics 251 or Biochemistry and Cellular and Molecular Biology 310 or Chemistry 350	3
Biochemistry and Cellular and Molecular Biology 230.....	5	Mechanical Engineering 321	3
Mathematics 403	3	Engineering Fundamentals 402	1
Biology 140	4	TOTAL	21
TOTAL	37		

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

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

³Chosen from: ENGL 2110, 2120, 2210, 2220, 2310, 2320, 2331, 2510, 2520.

⁴Select sequence from: HIST 1010-1020, 1110-1120.

⁵Chosen from: ANT 1300; HIST 2040; POL 1020; PSY 1010; SOC 1010, 1020.