

UTK ARTICULATION AGREEMENT NUCLEAR ENGINEERING (GS45)

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

PELLISSIPPI STATE

Freshman	fall	spring	Sophomore	fall	spring
English 1010-1020	3	3	³ Sophomore Literature	-	3
¹ Mathematics 1910-1920	4	4	⁴ History Sequence	3	3
Chemistry 1110-1120	4	4	Mathematics 2110-2120	4	3
Computer Science 1050, 1300	1	2	Physics 2110-2120	4	4
Speech 2100	-	3	⁵ Social Science Elective	3	-
² Humanities/Arts Electives	3	3	Engineering Science 1510-1520	4	4
Economics 2010	4	-	Engineering Science 2021	2	-
TOTAL	19	19	TOTAL	20	17

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. 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

Summer: Electrical & Computer Engineering 301 (3 hours)

Junior	Hours	Senior	Hours
Nuclear Engineering 200, 203, 301, 304, 342, 351, 360, 431, and 470	25	Nuclear Engineering 400, 403, 406, and 472 ...	11
Mathematics 403	3	Technical Electives	6
Physics 341	3	Mechanical Engineering 321	3
TOTAL	31	Engineering Fundamentals 402	1
		Materials Science and Engineering 201	3
		Philosophy 241, 243, or 244	3
		TOTAL	27

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.