

**UTK ARTICULATION AGREEMENT
NUCLEAR ENGINEERING
RADIOLOGICAL ENGINEERING CONCENTRATION**

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

ROANE STATE

Freshman	fall	spring	Sophomore	fall	spring
English 1010-1020	3	3	Mathematics 2110-2120.....	3	3
Mathematics 1910-1920	5	5	Physics 2110-2120	4	4
Chemistry 1110-1120	4	4	¹ Sophomore Literature	3	3
Engineering Science 111-112	3	3	² History Sequence	3	3
Engineering 161.....	3	3	Engineering Science 211-212.....	3	3
Philosophy 121.....	3	-	Physical Education Activity	1	1
Speech 201.....	-	3			
			TOTAL	17	17
	TOTAL	19			18

In order to be considered for admission to a major within 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

Transition Summer: Computer Science 102 and Physics 232. (8 credit hours)

Junior	Hours	Senior	Hours
Nuclear Engineering 200, 203, 301, 342, 351, 431, and 470	19	Nuclear Engineering 304, 400, 403, 404, 406, and 472	17
Physics 341	3	Technical Elective	3
Mathematics 403	3	Biochemistry and Cellular and Molecular Biology 230	5
Biology 140	4	Statistics 251 or Biochemistry and Cellular and Molecular Biology 310 or Chemistry 350	3
Electrical Engineering 301.....	3	Mechanical Engineering 402	1
	TOTAL	Industrial Engineering 405.....	3
		Anthropology 130.....	3
		TOTAL	35

¹Chosen from: ENGL 2110, 2120, 2210, 2220, 2310, 2320.

²Select sequence from: HIST 1010-1020, 1110-1120, 2010-2020.