

PROGRAM OF STUDY IN PHYSICS AT BENEDICT COLLEGE FOR DUAL DEGREE ENGINEERING TECHNOLOGY PROGRAM WITH GEORGIA INSTITUTE OF TECHNOLOGY, CLEMSON UNIVERSITY, RENSSELAER POLYTECHNIC INSTITUTE, AND NORTH CAROLINA A&T STATE UNIVERSITY.

FRESHMAN YEAR

First Semester		SCH	Second Semester		SCH		
Eng	135	Freshman Composition I	.3	Eng	137	Freshman Composition II	.3
Math	143	Calculus I	.4	Math	144	Calculus II	.4
Hist		World Civ. Or US History	.3	Hist		African American History	.3
PE		Physical Education	.2	CSc	133	Visual Basic	.3
•ENGR	130	Intro to Engineering	.3	Rel	120	Comparative Religion	.2
STEM	111	Freshman Seminar	.1	STEM	112	Freshman Seminar II	.1
			16				16

SOPHOMORE YEAR

First Semester		SCH	Second Semester		SCH		
Eng	231	World Literature I	.3	Eng	232	World Literature II	.3
Math	333	Vector Calculus	.3	Math	237	Differential Equations I	.3
•Phys	243	Prin. Physics I	.4	•Phys	244	Prin. Physics II	.4
Chem	147	Gen. Prin. Chemistry I	.4	Chem	148	Gen. Prin. Chemistry II	.4
Th/Art/Mu220		Th/Art/Mu Appreciation	.2	Ec	130	Intro. To Economics	.3
STEM	211	Sophomore Seminar I	.1	STEM	212	Sophomore Seminar II	.1
			17				18

JUNIOR YEAR

First Semester		SCH	Second Semester		SCH		
Math	238	Differential Equations II	.3	•Phys	332	Dynamics	.3
•Phys	331	Statics	.3	•Phys	432	Modern Physics II	.3
•Phys	334	Thermal Physics	.3	•Phys	336	Electric. & Magnetism	.3
•Phys	431	Modern Physics I	.3	CSc	136	Algorithm Design I Using ... with C/C++	.3
Fr or Sp	233	Foreign Language	.3	Th/Art/ Mu	220	Th/Art/Mu Appreciation	.2
		Electives	.2	HE	230	Health Education	.3
STEM	311	Junior Seminar I	.1	STEM	312	Junior Seminar II	.1
			18				18

SCH in Major 29
 Total SCH 103
 •Major Courses