

Freshman Year

First Term		Credits	Second Term		Credits
MATH 0220	Analytic Geometry and Calculus 1	4	MATH 0230	Analytic Geometry and Calculus 2	4
CHEM 0960	General Chemistry for Engineers 1	3	CHEM 0970	General Chemistry for Engineers 2	3
PHYS 0174	Basic Physics for Science and Engineering 1	4	PHYS 0175	Basic Physics for Science and Engineering 2	4
ENGR 0011	Introduction to Engineering Analysis	3	ENGR 0012	Introduction to Engineering Computing	3
ENGR 0081	Freshman Seminar 1	0	ENGR 0082	Freshman Seminar 2	0
	Humanities or Social Science Elective 1	3		Humanities or Social Science Elective 2	3
		<u>17</u>			<u>17</u>

Sophomore Year

Third Term		Credits	Fourth Term		Credits
MATH 0290	Differential Equations	3	MATH 0240	Analytic Geometry and Calculus 3	4
ECE 0031	Linear Circuits and Systems 1	3		Technical Elective 1	3
ECE 0132	Digital Logic	3	ECE 0142	Computer Organization	3
	Communications Skills Elective	3	ECE 0501	Digital Laboratory	3
	Humanities or Social Science Elective 3	3	ECE 0257	Analysis and Design of Electronic Circuits	3
ECE 1885	Departmental Seminar	0	ECE 1885	Departmental Seminar	0
		<u>15</u>			<u>16</u>

Junior Year

Fifth Term		Credits	Sixth Term		Credits
ECE 1247	Semiconductor Device Theory	3	ECE 1212	Electronic Circuit Design Lab	3
ECE 1201	Electronic Measurements & Circuits Laboratory	3	ECE 1563	Signal Processing Laboratory	3
ECE 1552	Signals and Systems Analysis	3	MATH 0280	Linear Algebra	3
ECE 1259	Electromagnetics 1	3		Technical Elective 2	3
	Humanities or Social Science Elective 4	3		Humanities or Social Science Elective 5	3
ECE 1885	Departmental Seminar	0	ECE 1885	Departmental Seminar	0
		<u>15</u>			<u>15</u>

Senior Year

Seventh Term		Credits	Eighth Term		Credits
ECE	Design Elective	3	ECE	ECE Elective 3	3
ECE	ECE Elective 1	3	ECE	ECE Elective 4	3
ECE	ECE Elective 2	3		Technical Elective 4	3
	Technical Elective 3	3		Open Elective	3
ENGR 0020	Probability and Statistics for Engineers	4		Humanities or Social Science Elective 6	3
ECE 1885	Departmental Seminar	0	ECE 1885	Departmental Seminar	0
		<u>16</u>			<u>15</u>