

Name	ID #	Faculty Advisor
<b>CORE CURRICULUM</b>	<b><u>Please check pre-requisites for all courses</u></b>	<b>Choose one from (1 course/4 hours)</b>
<b>FOUNDATIONS</b> (4/5 Courses/12-15 hours)	<b>CORE Requirements</b>	CHEM 121 Chemistry II _____
ENGL 102 Composition II _____	<b>Math Courses (10 courses/33 hours)</b>	MS 201 Material Science _____
MATH 130 _____	MATH 230 (4) Linear Algebra _____	BIOL 111 General Biology I _____
LANG 102/192 or SEDU 465 & 466 _____	MATH 245 Proof Techniques _____	NSC 137 Intro Human BIO & Lab _____
CIS 120 Intro to Comp Apps _____	*MATH 261 (4) Calculus I _____	<b>*Ideally, courses with the asterisk marks should be completed within the first four semesters.</b>
Information Access Workshop _____ (This is fulfilled in ENGL 102 at Dominican University or a stand-alone workshop)	*MATH 262 (4) Calculus II _____	<b>The course lists are based on the Armour College of Engineering at IIT's</b>
<b>LAS SEMINARS</b> (4 courses/12 hours)	MATH 270 (4) Multivariable Calc _____	ECE 100 Into to the Profession I _____
Freshman Seminar _____	*MATH 280 Intro Diff. Equations _____	ECE 211 Circuit Analysis I _____
Sophomore Seminar _____	MATH 311 Probability & Stats _____	ECE 213 Circuit Analysis II _____
Junior Seminar _____	MATH 421 Abstract Algebra _____	ECE 218 Digital Systems _____
Senior Seminar _____	MATH 441 Real Analysis _____	ECE 242 Digital Computers _____
<b>AREA STUDIES</b> (7 courses/21 semester hours)	MATH 480 (2) Capstone _____	ECE 307 Electrodynamics _____
History (HI) _____	<b>MATH Elective (1 course/300 level)</b>	ECE 308 Signals & Systems _____
Literature (LT) _____	1) _____	ECE 311 Engineering Electronics _____
Fine Arts (FA) _____	2) _____	ECE 312 Electronic Circuits _____
Natural Science (NS) _____	<b>Physics Courses (3 courses/12 hours)</b>	ECE 319 Power Engineering _____
Philosophy (PH) _____	*PHYS 221 University Physics I _____	<b>Choose one from the following</b>
Social Science (SS) _____	*PHYS 222 University Physics II _____	<b>(1course/3 hours)</b>
Theology (TH) _____	PHYS 223 University Physics III _____	MMAE 200 Intro to Mechanics _____
<b>MULTICULTURAL</b> (1 course/3 semester hours)	<b>Chemistry Course (1 course/4 hours)</b>	MMAE 320 Thermodynamics _____
Multicultural (MC) _____	CHEM 120 General Chemistry I _____	<b>I PRO Elective (1 course)</b>
<b>*NR – not required/A.A. or IAI GECC</b>	<b>Computer Course (2 course/ 6 hours)</b>	1) _____
	*CPSC 155 Programming I _____	<b>Technical Elective (1 course)</b>
	*CPSC 165 Programming II _____	1) _____
		<b>PROF ECE Elective at the 400-level, 2 courses must contain labs (5 courses or 17- 20 credit hours)</b>
		1) _____
		2) _____
		3) _____
		4) _____
		5) _____
		<b>Important Notes for Dual Program:</b>
		1. Students must earn a B or higher in Math, Physics, Chemistry and Computer Science
		2. Students must maintain an overall GPA of a 3.0
		3. All students should complete their language requirement as early as possible.
		4. If students do not place into Math 261, they may have to take courses in the summer.
		5. Students take courses at both Dominican and IIT University.
		<b>DETERMINING CLASS STANDING</b>
		Freshman: less than 28 credits
		Sophomore: 28 – 59 credits
		Junior: 60 – 89 credits
		Senior: 90 or more credits
		<b>Transfer Earned</b> _____
		<b>Dominican University Credits</b> _____
		<b>TOTAL for Graduation 124*</b>
		Students may graduate with more than 124 hours depending on Math/English and Language placement.