

Name	ID #	Faculty Advisor
CORE CURRICULUM FOUNDATIONS (4/5 courses/ 12-15 hours)	<u>Please check pre-requisites for all courses</u>	Choose one from (1 course/4 hours)
ENGL 102 Composition II _____	CORE Requirements Math Courses (10 courses/33 hours)	CHEM 121 Chemistry II _____
MATH 130 College Algebra _____	MATH 230 (4) Linear Algebra _____	MS 201 Material Science _____
LANG 102/192 or SEDU 465 & 466 _____	MATH 245 Proof Techniques _____	BIOL 111 General Biology I _____
CIS 120 Intro to Comp Apps _____	*MATH 261 (4) Calculus I _____	NSC 137 Intro Human BIO & Lab _____
Information Access Workshop _____ (This is fulfilled in ENGL 102 at Dominican University or a stand-alone workshop.)	*MATH 262 (4) Calculus II _____	*Ideally, courses with the asterisk marks should be completed within the first four semesters.
HONORS SEMINARS (7 courses/21 hours) (Note: no more than two courses may be taken from any one disciple)	MATH 270 (4) Multivariable Calc _____	The course lists are based on the Armour College of Engineering at IIT's
Big Questions (HNBQ) (HNSM 1XX) _____	*MATH 280 Intro Diff. Equations _____	ECE 100 Into to the Profession I _____
Big Questions (HNBQ) _____	MATH 311 Probability & Stats _____	ECE 211 Circuit Analysis I _____
Big Questions (HNBQ) _____	MATH 421 Abstract Algebra _____	ECE 213 Circuit Analysis II _____
Big Questions (HNBQ) _____	MATH 441 Real Analysis _____	ECE 218 Digital Systems _____
Exploration & Invest. (HNEI) _____	MATH 480 (2) Capstone _____	ECE 242 Digital Computers _____
Exploration & Invest. (HNEI) _____	MATH Elective (1 course/300 level)	ECE 307 Electrodynamics _____
Exploration & Invest. (HNEI) (HNSM 4XX) _____	1) _____ 2) _____	ECE 308 Signals & Systems _____
PRACTICUM (3 cr. Hrs) _____	Physics Courses (3 courses/12 hours)	ECE 311 Engineering Electronics _____
Study Abroad OR Internship OR Research	*PHYS 221 University Physics I _____	ECE 312 Electronic Circuits _____
THEOLOGY (TH) _____	*PHYS 222 University Physics II _____	ECE 319 Power Engineering _____
Multicultural (MC) _____	PHYS 223 University Physics III _____	Choose one from the following (1course/3 hours)
PORTFOLIO (one piece of work submitted from each honors course)	Chemistry Course (1 course/4 hours)	MMAE 200 Intro to Mechanics _____
*NR – not required/A.A. or IAI GECC	CHEM 120 General Chemistry I _____	MMAE 320 Thermodynamics _____
	Computer Course (2 course/ 6 hours)	I PRO Elective (1 course)
	*CPSC 155 Programming I _____	1) _____
	*CPSC 165 Programming II _____	Technical Elective (1 course)
		1) _____
		PROF ECE Elective at the 400-level, 2 courses must contain labs (5 courses or 17- 20 credit hours)
		1) _____
		2) _____
		3) _____
		4) _____
		5) _____
		Important Notes for Dual Program:
		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.
		DETERMINING CLASS STANDING
		Freshman: less than 28 credits
		Sophomore: 28 – 59 credits
		Junior: 60 – 89 credits
		Senior: 90 or more credits
		Transfer Earned _____
		Dominican University Credits _____
		TOTAL for Graduation 124*
		Students may graduate with more than 124 hours depending on Math/English and Language placement.