

<u>Name</u>	<u>ID #</u>	<u>Faculty Advisor</u>	
<p>CORE CURRICULUM FOUNDATIONS (4/5 Courses/12-15 hours) ENGL 102 Composition II _____ MATH 130 or 170 _____ LANG 102/192 or SEDU 465 & 466 _____ CIS 120 Intro to Comp Apps _____ Information Access Workshop _____ (This is fulfilled in ENGL 102 at Dominican University or a stand-alone workshop) LAS SEMINARS (4 courses/12 hours) Freshman Seminar _____ Sophomore Seminar _____ Junior Seminar _____ Senior Seminar _____ AREA STUDIES (7 courses/21 semester hours) History (HI) _____ Literature (LT) _____ Fine Arts (FA) _____ Natural Science (NS) _____ Philosophy (PH) _____ Social Science (SS) _____ Theology (TH) _____ MULTICULTURAL (1 course/3 semester hours) Multicultural (MC) _____ *NR – not required/A.A. or IAI GECC</p>	<p><u>Please check pre-requisites for all courses</u> CORE Requirements Math Courses (10 courses/33 hours) MATH 230 (4) Linear Algebra _____ MATH 245 Proof Techniques _____ *MATH 261 (4) Calculus I _____ *MATH 262 (4) Calculus II _____ MATH 270 (4) Multivariable Calc _____ *MATH 280 Intro Diff. Equations _____ MATH 311 Probability & Stats _____ MATH 421 Abstract Algebra _____ MATH 441 Real Analysis _____ MATH 480 (2) Capstone _____ MATH ELECTIVES (2 courses/300+ level) 1) _____ 2) _____ Physics Courses (2 courses/8 hours) *PHYS 221 University Physics I _____ *PHYS 222 University Physics II _____ Chemistry Course (1 course/4 hours) *CHEM 120 General CHEM I _____ Computer Course (1 course/ 3 hours) *CPSC 155 Computer Programming I _____ _____ *Ideally, courses with the asterisk marks should be completed within the first four semesters.</p>	<p>The course lists are based on the Armour College of Engineering at IIT's Architectural Engineering AAH 119 or 120 Art & Architect. Hist. _____ CAE 100 Intro to Engineering _____ CAE 101 Intro to AutoCAD _____ CAE 105 Geodetic Science _____ CAE 208 Thermal Engineering I _____ CAE 209 Thermal Engineering II _____ CAE 110 Professional Practice I _____ CAE 111 Professional Practice II _____ CAE 286 Theory & Concept Mechanics _____ CAE 287 Mechanics Materials _____ CAE 303 Structural Design I _____ CAE 304 Structural Analysis I _____ CAE 307 Structural Design II _____ CAE 312 Engineering Systems _____ CAE 315 Materials of Construction _____ CAE 323 Intro to Geotech. Engineering _____ CAE 331 Building Science _____ CAE 383 Electrical/Electronic Circuits _____ CAE 461 Plumbing & Fire Protection _____ CAE 464 HVAC Systems Design _____ CAE 468 Architectural Design _____ CAE 470 Construction Methods _____ CAE 471 Construction Planning _____ CAE 495 Capstone Design _____ CAE Technical Elective (3 courses) 1) _____ 2) _____ 3) _____</p>	<p>IPRO Elective (2 courses) 1) _____ 2) _____ 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</p> <p>DETERMINING CLASS STANDING Freshman: less than 28 credits Sophomore: 28 – 59 credits Junior: 60 – 89 credits Senior: 90 or more credits</p> <p>Transfer Earned _____ Dominican University Credits _____ TOTAL for Graduation <u>124*</u> Students may graduate with more than 124 hours depending on Math/English and Language placement.</p>