

<u>Name</u>	<u>ID #</u>	<u>Faculty Advisor</u>	
<p><b>CORE CURRICULUM</b></p> <p><b>FOUNDATIONS</b> (4/5 Courses/12-15 hours)                      ENGL 102 Composition II _____</p> <p>MATH 130 _____</p> <p>LANG 102/192 or SEDU 465 &amp; 466 _____</p> <p>CIS 120 Intro to Comp Apps _____</p> <p>Information Access Workshop _____                      (This is fulfilled in ENGL 102 at Dominican University or a stand-alone workshop)</p> <p><b>LAS SEMINARS</b> (4 courses/12 hours)                      Freshman Seminar _____</p> <p>Sophomore Seminar _____</p> <p>Junior Seminar _____</p> <p>Senior Seminar _____</p> <p><b>AREA STUDIES</b> (7 courses/21 semester hours)                      History (HI) _____</p> <p>Literature (LT) _____</p> <p>Fine Arts (FA) _____</p> <p>Natural Science (NS) _____</p> <p>Philosophy (PH) _____</p> <p>Social Science (SS) _____</p> <p>Theology (TH) _____</p> <p><b>MULTICULTURAL</b> (1 course/3 semester hours)                      Multicultural (MC) _____  <b>*NR – not required/A.A. or IAI GECC</b></p>	<p><u>Please check pre-requisites for all courses</u></p> <p><b>CORE Requirements</b>  <b>Math Courses (7 courses/25 hours)</b>                      MATH 230 Linear Algebra (4) _____                      MATH 240 Discrete Structures _____                      *MATH 261 Calculus I (4) _____                      *MATH 262 Calculus II (4) _____                      MATH 270 Multivariable Calc (4) _____                      *MATH 280 Intro Diff. Equations _____                      MATH 311 Probability &amp; Stats _____                      MATH ELECTIVE 300+ _____</p> <p><b>Physics Courses (3 courses/12 hours)</b>                      *PHYS 221 University Physics I _____                      *PHYS 222 University Physics II _____                      PHYS 223 University Physics III _____</p> <p><b>Chemistry Course (1 course/4 hours)</b>                      *CHEM 120 Chemistry I _____</p> <p><b>Computer Course (10 course/30 hours)</b>                      *CPSC 155 Programming I _____                      CPSC 165 Programming II _____                      CPSC 245 Operating Systems _____                      CPSC 275 Windows- Based App. _____                      CPSC 280 Web Development _____                      CPSC 285 Database Design &amp; Prog. _____                      CPSC 321 Web Development II _____                      CPSC 323 Algorithms _____                      CPSC 430 Internship _____                      CPSC 475 Sr. Software Dev. _____</p> <p><b>Choose one from (1 course/4 hours)</b>                      CHEM 121 Chemistry II _____</p>	<p>MS 201 Material Science _____</p> <p>BIOL 111 General Biology _____</p> <p>NSC 137 Intro Human BIO &amp; Lab _____</p> <p><b>*Ideally, courses with the asterisk marks should be completed within the first four semesters.</b></p> <p><b>The course lists are based on the Armour College of Engineering at IIT's</b>                      ECE 100 Intro to the Profession I _____                      ECE 211 Circuit Analysis I _____                      ECE 213 Circuit Analysis II _____                      ECE 218 Digital Systems _____                      ECE 242 Digital Comp &amp; Computing _____                      ECE 311 Engineering Electronics _____                      ECE 441 Microcomputers _____                      ECE 485 Computer Organization _____                      CS 351 Systems Programming _____</p> <p><b>IPRO Electives (2 courses)</b>                      1) _____                      2) _____</p> <p><b>PROF CPE Electives (2 courses)</b>                      1) _____                      2) _____</p> <p><b>Junior CPE Electives (1 course)</b>                      1) _____</p> <p><b>Engineering Science Elective (1 course)</b>                      1) _____</p> <p><b>Hardware Design Elective (1 course)</b>                      1) _____</p>	<p><b>Important Notes for Dual Program:</b></p> <ol style="list-style-type: none"> <li>Students must earn a B or higher in Math, Physics, Chemistry and Computer Science</li> <li>Students must maintain an overall GPA of a 3.0</li> <li>All students should complete their language requirement as early as possible.</li> <li>If students do not place into Math 261, they may have to take courses in the summer.</li> <li>Students take courses at both Dominican and IIT University.</li> </ol> <p><b>DETERMINING CLASS STANDING</b></p> <p>Freshman: less than 28 credits                      Sophomore: 28 – 59 credits                      Junior: 60 – 89 credits                      Senior: 90 or more credits</p> <p><b>Transfer Earned</b> _____</p> <p><b>Dominican University Credits</b> _____</p> <p><b>TOTAL for Graduation 124*</b></p> <p>Students may graduate with more than 124 hours depending on Math/English and Language placement.</p>