<table>
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<tr>
<th>FRESHMAN</th>
<th>SPRING</th>
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| FALL | ENGL 101 (3)  
College English I  
P: See Course Catalog |
| SPRING | ENGL 102 (3)  
College English II  
P: ENGL 101 with grade C or better |
| MATH 242 (5)  
Calculus I  
P: See Course Catalog |
| SPRING | MATH 243 (5)  
Calculus II  
P: MATH 242 with grade C or better |
| CS 194 (4)  
Introduction to Digital Design  
P: MATH 111 |
| SPRING | PHYS 313 (4)  
Physics for Scientist I  
Coreq: MATH 243 with grade of C or better |
| General Education  
H/FA/S&BSc (3)  
Note b |
| SPRING | CS 211 (4)  
Introduction to Programming  
P: MATH 111 or MATH 112 |

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<tr>
<th>SOPHOMORE</th>
<th>SPRING</th>
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| FALL | COMM 111 (3)  
Public Speaking  
P: ENGL 101 with grade C or better |
| SPRING | MATH 344 (3)  
Calculus III  
P: MATH 243 with grade C or better |
| MATH 243 (5)  
Calculus I  
P: Math 243 with grade C or better |
| SPRING | MATH 351 (3)  
Linear Algebra  
P: MATH 243 with grade C or better |
| PHYS 314 (4)  
Physics for Scientist II  
PHYS 313 |
| SPRING | MATH 555 (3)  
Differential Equations I  
P: MATH 243 with grade C or better |
| IME 255 (3)  
Engineering Economy  
Coreq: MATH 242 |
| SPRING | CHEM 211 (5)  
General Chemistry I  
P: MATH 111 |
| EE 282 (4)  
Circuits I  
Coreq: MATH 243 |
| SPRING | EE 284 (3)  
Circuits II  
P: EE 282 C- or better  
Coreq: MATH 555 |

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<th>JUNIOR</th>
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| FALL | General Education  
H/FA/S&BSc (3)  
Note b |
| SPRING | PHIL 385 (3)  
Engineering Ethics  
P: Junior or senior standing |
| EE 463 (3)  
Applied Engineering Electromagnetics  
Fall Only  
P: PHYS 314/MATH 344 |
| SPRING | AE 223 (3)  
Statics  
P: PHYS 313 |
| EE 383 (3)  
Signals and Systems  
P: EE 284 C- or better |
| SPRING | EE 493 (4)  
Electronic Circuits II  
Offered Spring Only  
P: EE 492 C- or better |
| Technical Elective (3) or  
Note a |
| SPRING | EE 684 (3)  
Introductory Control System Concepts  
Offered Spring Only  
P: EE 282 / MATH 555 or EE383 each with C- or better |
| EE 492 (4)  
Electronic Circuits I  
Offered Fall Only  
Coreq: EE 284 |
| SPRING | EE 488 (4)  
Electric Machines & Transformers  
Offered Spring Only  
P: EE 282 C- or better |
| Engineer of 2020 Requirement (1 of 3)  
See notes |
| SPRING | EE 492 (4)  
Electrical Circuits II  
Offered Spring Only  
P: EE 282 C- or better  
Coreq: EE 284 |
| Technical Elective (3)  
Note a |

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<th>SENIOR</th>
<th>SPRING</th>
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| FALL | General Education  
H/FA/S&BSc (3)  
Note b |
| SPRING | IME 254 (3)  
Engineering Probability & Statistics I  
P: MATH 243 |
| IME 255 (3)  
Engineering Economy  
Coreq: MATH 242 |
| SPRING | ME 398 (3)  
Thermodynamics I  
P: MATH 243 |
| EE 688 (4)  
Power Electronics or Technical Elec (4)  
Offered Fall Only  
P: EE383, EE492 each with C- or better  
Note c |
| SPRING | EE 586 (4)  
Introduction to Communication Sys  
Offered Spring Only  
P: EE 383/IME 254 C- or better |
| EE 585 (2)  
Electrical Design Project I  
P: EE402 with C- or better  
P: Departmental consent |
| SPRING | EE 595 (2)  
Electrical Design Project II  
P: EE 585 C- or better |
| Engineer of 2020 Requirement (2 of 3)  
See notes |

Notes: Students admitted after Fall 2007 must fulfill the Engineer 2020 requirements. Prerequisites for all IME courses must be passed with a grade of C or better. EECS prerequisites must be passed with a C- or better. a. At least 7 of the 13 hours must be from the EECS Department. Up to 2 credit hours of Co-op courses can be used as non-departmental technical electives. b. Humanities/Fine Arts/Social & Behavioral Science/Natural Science courses must be from an approved list which appears in the Schedule of Courses. P: Prerequisite

Last Updated: 02/15/2017