

Biosystems Engineering Catalog 2017

Fall 16 hours	Math 141 or 147 (4) FA, SP, SU Prereq- Math 130 or Math ACT 28 or Math SAT 630	EF 151 or 157 (4) FA, SP Coreq- Math 141 or 147 and EF 105	EF 105 (1) FA, SP Coreq- EF 151 or 157	English 101 or 118 (3) FA, SP, SU	Chem 120 or 128 (4) FA, SP, SU Math 130	
Spring 17 hours	Math 142 or 148 (4) FA, SP, SU Prereq- Math 141 or 147	EF 152 or 158 (4) FA, SP, SU Prereq- EF 151 or 157 Coreq- Math 142 or 148	ME 202 (2) FA, SP, SU Coreq- EF 152 or 158 and Math 142 or 148	English 102 (3) FA, SP, SU Prereq- English 101 or 118	Gen Ed (3) FA, SP, SU Cultures & Civilizations	BSE 104 (1) SP Coreq- EF 151 or 158
Fall 17 hours	Math 241 or 247 (4) FA, SP, SU Prereq- Math 142 or 148	ME 231 (3) FA, SP, SU Prereq- EF 152 or 158 and ME202 with grades of C or better	ME 331 (3) FA, SP, SU Coreq- Math 241 or 247	BSE 201 (1) FA	BSE 221 (3) FA Prereq- Chem 120 or 128 Coreq- EF 152 or 158	BSE 231 (3) FA Prereq- Chem 120 or 128 and Math 141 or 147
Spring 16 hours	Math 231 or 237 (3) FA, SP, SU Prereq- Math 142 or 148	Biology 160 or 168 (3) FA, SP, SU Coreq- Chemistry 120 or 128	ESS 210 (4) FA, SP, SU	ME 321 (3) FA, SP, SU Prereq- ME 202 with C or better and Math 142 or 148	BSE 321 (3) SP Prereq- BSE 221	
Fall 17 hours	Phil 244 (3) FA, SP Arts & Humanities	AE 341 or 347 (3) FA, SP, SU Prereq- ME 231 with C or better and Math 241 or 247	ECE 301 (3) FA, SP, M Prereq- Math 231	Stats 251 (3) FA, SP, SU or IE 200 (3) FA, SP Prereq- Math 142 or 148	English 360 (3) (WC) FA, SP Prereq- English 102 or 118 Minimum level- junior	Math 200 (2) FA, SP
Spring 16 hours	BSE 411 or 417 (3) SP Prereq- ME 231 and 321 with grades of C or better	BSE 416/418 or CE 495/498 (3) SP Prereq- AE 341/347 with C Prereq- CE 391 for CE choices	BSE 431 or 437 (3) SP Prereq- BSE 321 with grade of C or better	BSE 451 or 457 (4) SP Prereq- ECE 301 with grade of C or better	*Technical Elective (3) FA, SP, SU	
Fall 15 hours	Econ 201/207 (4) FA, SP, SU or AREC 201 (4) SP Social Science	*Technical Elective (3) FA, SP, SU	BSE 400 (2) FA Prereq- Three of BSE 411/417, 416/418 or CE 495,498,431,451 Coreq- BSE 404 and 444	BSE 444 (3) FA Prereq- Three of BSE 411/417, 416/418 or CE 495,498,431,451 Coreq- BSE 400 and 404	BSE 404 (3) (OC) FA Prereq- Three of BSE 411/417, 416/418, or CE 495,498, 431/437, 451/457 Coreq- BSE 400 and 444	
Spring 15 hours	Gen Ed (3) FA, SP, SU Social Science	Gen Ed (3) FA, SP, SU Arts & Humanities	BSE 402 (6) SP Prereq- BSE 400 and 404 and 444	Gen Ed (3) FA, SP, SU Cultures & Civilizations		

***Technical Electives-** Note that some electives have required prerequisites. See individual course descriptions for specific information. BSET 412, 414, 432, 434, 452, 462, 474; CE 485; Chem 210, 330/339, 260 or 268, 360 or 368; ESS 334, 434, 442, 444, 454; Geog 410, 411; Geol 485; IE 304; Math 403, 405, 411, 431; ME 363 or 367, 365, 366, 391 or 397, 405, 451, 466; Phys 323.

BSE Graduation requirements: a) achieve at least a 2.0 GPA in all BSE courses; b) only one BSE course with a grade of D+, or D may be used toward graduation; c) no BSE course with a grade of D- may be used for graduation; d) achieve at least a 2.0 GPA in the required math courses.

UTRACK Milestones:

Term 1 Math 130 or higher or one SS or one AH or one CC	Term 2 Math 130 or higher	Term 3 EF 151/157 or Physics 135/137	Term 4 EF 152/158 or Physics 136/138	Term 5 ME 202 or CS 102 or MSE 201 or CBE 201	Term 6 through 8 No Milestones
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Students also have opportunities for an Honors Concentration. See the Undergraduate Catalog for details and requirements.