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Student	

Pre-Engineering Major (AS) - Proposed

First Year, Fall Semester 14 *ENGL 101 Introduction to Composition and Rhetoric 1 *ENGR 191 First-Year Seminar 1 MATH 126 College Algebra 3 GEF Elective 6 Elective 4 First Year, Spring Semester 16 **ENGL 102 Composition, Rhetoric, and Research 1 **ECON 201 Principles of Microeconomics 4 MATH 128 Plane Trigonometry 8 GEF Elective 7 CS 101 4 Second Year, Fall Semester 15 *MATH 155 Calculus 1 8 *CHEM 115 Fundamentals of Chemistry 2b *CHEM 115L Fundamentals of Chemistry 2b *ENGR 101 Engineering Problem Solving 1 2 GEF Elective 5 Elective 5 Second Year, Spring Semester 15	
*ENGL 101 Introduction to Composition and Rhetoric 1 3 *ENGR 191 First-Year Seminar 1 1 MATH 126 College Algebra 3 3 GEF Elective 6 3 Elective 4 First Year, Spring Semester 16 **ENGL 102 Composition, Rhetoric, and Research 1 3 **ECON 201 Principles of Microeconomics 4 3 MATH 128 Plane Trigonometry 8 3 GEF Elective 7 3 CS 101 4 Second Year, Fall Semester 15 *MATH 155 Calculus 1 8 4 *CHEM 115 Fundamentals of Chemistry 2b 3 *CHEM 115L Fundamentals of Chemistry Laboratory 2b 1 *ENGR 101 Engineering Problem Solving 1 2 GEF Elective 5 3 Elective 2	
*ENGR 191 First-Year Seminar 1 MATH 126 College Algebra 3 3 GEF Elective 6 3 Elective 4 First Year, Spring Semester **ENGL 102 Composition, Rhetoric, and Research 1 3 **ECON 201 Principles of Microeconomics 4 3 MATH 128 Plane Trigonometry 8 3 GEF Elective 7 3 CS 101 4 4 Second Year, Fall Semester 15 *MATH 155 Calculus 1 8 4 *CHEM 115 Fundamentals of Chemistry 2b 3 *CHEM 115L Fundamentals of Chemistry Laboratory 2b 1 *ENGR 101 Engineering Problem Solving 1 2 GEF Elective 5 3 Elective 2	
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*CHEM 115L Fundamentals of Chemistry Laboratory 2b 1 *ENGR 101 Engineering Problem Solving 1 2 GEF Elective 5 3 Elective 2	
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**MATH 156 Calculus 2 8 4	
*ENGR 102 Engineering Problem Solving 2	
**PHYS 111 General Physics 1	
**Physics 111L General Physics 1 Laboratory 0	
Elective 4	

Total Credits Required

60

^{*} indicates core requirements of the Fundamentals of Engineering Program

^{**} indicates recommended courses in the Fundamentals of Engineering Program