# Bachelor of Science in Engineering Management 2012-2013

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<th>STUDENT NAME:</th>
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<th>ADVISOR:</th>
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## School of Engineering and Computing Sciences

### Year One

#### Fall
- **FCWR 101**
  - Foundations of College Composition
  - **Pre-req**: PLACEMENT EXAM
- **FCIQ 101**
  - Foundations of Inquiry
- **ETCS 105**
  - Career Discovery
- **MATH 170**
  - Calculus I
  - **Pre-req**: PLACEMENT EXAM, MATH-141, or TMAT-155
  - **Co-req**: MATH-170
- **PHYS 170**
  - General Physics I
  - **Co-req**: MATH-170

#### Spring
- **FCWR 151**
  - Foundations of Research Writing
  - **Pre-req**: FCWR 101
- **FCSC 101**
  - Foundations of Scientific Process
- **FCSP 105**
  - Foundations of Speech
- **MATH 180**
  - Calculus II
  - **Pre-req**: MATH-170
- **PHYS 180**
  - General Physics II
  - **Pre-req**: PHYS-170, Co-req-MATH-180

### Year Two

#### Fall
- **IENG 240**
  - Engineering Economics
  - **Pre-req**: TMAT-155 or MATH-141
- **IENG 245**
  - Statistical Design I
  - **Pre-req**: TMAT-235 or MATH-170
- **MATH 310**
  - Linear Algebra
  - **Pre-req**: MATH-180
- **IENG 251**
  - Project Engineering
  - **Pre-req**: MATH-170 or MATH-161

#### Spring
- **ICBS 3XX**
  - Behavioral Science Choice
  - **Pre-req**: FCIQ-101, FCSP-105, FCSC-101, FCWR-151
- **MENG 105**
  - Engineering Graphics
- **IENG 345**
  - Statistical Design II
  - **Pre-req**: IENG-245
- **ACCT 101**
  - Accounting I
  - **Pre-req**: MATH-170 or MATH-161
- **CSCI 125**
  - Computer Programming I
  - **Pre-req**: MATH-141 or TMAT-155

### Year Three

#### Fall
- **CHEM 107**
  - Engineering Chemistry
  - **Pre-req**: TMAT-135
- **MRKT 200**
  - Introduction to Marketing
- **IENG 350**
  - Quality Control and Reliability
  - **Pre-req**: MATH-141 or TMAT-135
- **IENG 425**
  - Systems Simulation
  - **Pre-req**: IENG-380, IENG-345
- **MENG 310**
  - Intro to Material Sciences
  - **Pre-req**: CHEM-107
- **IENG 475**
  - Industrial Engineering Design I
  - **Pre-req**: FCIQ, FCSP, FCSC, FCWR, Junior or Senior Status
- **ICSS 309**
  - Social Science: Technology and Global Issues
  - **Pre-req**: FCIQ, FCSP, FCSC, FCWR, and Junior or Senior Status
- **ECON 105**
  - Principles of Economics I
  - **Pre-req**: ACCT-101, ECON-105, and TMAT-135 or higher math
- **FINC 201**
  - Corporation Finance
  - **Pre-req**: ACCT-101, ECON-105, and TMAT-135 or higher math

#### Spring
- **IENG 476**
  - Industrial Engineering Design II
  - **Pre-req**: FCIQ, FCSP, FCSC, FCWR, and Junior or Senior Status
- **ICLT 3XX**
  - Literature Choice
  - **Pre-req**: FCIQ, FCSP, FCSC, FCWR, and Junior or Senior Status
- **ICPH 3XX**
  - Philosophy Choice
  - **Pre-req**: FCIQ, FCSP, FCSC, FCWR, and Junior or Senior Status
- **IENG 510**
  - Industrial Engineering Elective
- **IENG 590**
  - Energy Policy and Economics
  - **Pre-req**: IENG-475
- **ICLT 3XX**
  - Literature Choice
  - **Pre-req**: FCIQ, FCSP, FCSC, FCWR, and Junior or Senior Status
- **ICPH 3XX**
  - Philosophy Choice
  - **Pre-req**: FCIQ, FCSP, FCSC, FCWR, and Junior or Senior Status
- **IENG 510**
  - Industrial Engineering Elective
- **IENG 590**
  - Energy Policy and Economics
  - **Pre-req**: IENG-475

### Year Four

#### Fall
- **ICLT 3XX**
  - Literature Choice
  - **Pre-req**: FCIQ, FCSP, FCSC, FCWR, and Junior or Senior Status
- **ICPH 3XX**
  - Philosophy Choice
  - **Pre-req**: FCIQ, FCSP, FCSC, FCWR, and Junior or Senior Status
- **IENG 476**
  - Industrial Engineering Design II
  - **Pre-req**: FCIQ, FCSP, FCSC, FCWR, and Junior or Senior Status
- **IENG 510**
  - Industrial Engineering Elective
- **IENG 590**
  - Energy Policy and Economics
  - **Pre-req**: IENG-475

### Credits
- **126**

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