**Study Plan for B.S.E., PRODUCT DESIGN & MANUFACTURING ENGINEERING Major**

**Semester: Fall** | **Credits** | **Grade** | **Completed**
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* MTH 201 Calculus I | 4 | | 
* HNR 217 MOE I | 3 | | 
* EGR 106 Intro to Egr Design I | 3 | | 
# GE - LS (BIO 105) | 3 | | 

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**Semester: Winter** | **Credits** | **Grade** | **Completed**
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* MTH 202 Calculus II | 4 | | 
* CHM 115 Chemistry I | 5 | | 
* EGR 107 Intro to Egr Design II | 3 | | 
HNR 218 MOE II | 3 | | 

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**Semester: S/S** | **Credits** | **Grade** | **Completed**
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**Semester: Fall** | **Credits** | **Grade** | **Completed**
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* MTH 203 Calculus III | 4 | | 
% ECO 210/211 Economics | 3 | | 
HNR 227 MOE II | 3 | | 
HNR SBS | 3 | | 

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**Semester: Winter** | **Credits** | **Grade** | **Completed**
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* MTH 302 Lin Alg & DEQ | 4 | | 
* STA 220 Engrg Statistics | 2 | | 
* EGR 220 Engrg Stats Lab I | 1 | | 
* PHY 230 Physics I | 5 | | 
HNR 228 MOE IV | 3 | | 

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**Semester: S/S** | **Credits** | **Grade** | **Completed**
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**Semester: Fall** | **Credits** | **Grade** | **Completed**
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* PHY 234/1 Physics II | 4/5 | | 
* EGR 226 Intro Digital Sys | 4 | | 
* EGR 209 Mech & Mach | 4 | | 
* EGR 289 Engrg Co-op Prep | 1 | | 

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**Semester: Winter** | **Credits** | **Grade** | **Completed**
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* EGR 309 Mach Design I | 4 | | 
* EGR 250 Mat Sci & Engrg | 4 | | 
* EGR 214 Circuit Analysis I | 4 | | 

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**Semester: S/S** | **Credits** | **Grade** | **Completed**
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**Semester: Fall** | **Credits** | **Grade** | **Completed**
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EGR 301 Fund Prod Des | 4 | | 
EGR 345 Dyn Sys Mod | 4 | | 
EGR 367 Mfg Processes | 4 | | 

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**Semester: Winter** | **Credits** | **Grade** | **Completed**
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EGR 390 Engrg Co-op II | 3 | | 

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**Semester: S/S** | **Credits** | **Grade** | **Completed**
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**Semester: Fall** | **Credits** | **Grade** | **Completed**
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EGR 490 Engrg Co-op III | 3 | | 

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**Semester: Winter** | **Credits** | **Grade** | **Completed**
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EGR 401 Adv Prod Design | 4 | | 
EGR 450 Mfg Controls | 4 | | 
EGR 485 Sr Project I | 1 | | 
PDM Elec | 4 | | 

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**Secondary Admissions Criteria:**
- A GPA of 2.7 or above in the Engineering Foundation courses
- Completion of each course in the Engineering Foundation with a grade of C (2.0) or above, **with no more than one repeat**
- Completion of preparation for placement in the cooperative engineering education, EGR 289

**Recommendation:**
It is strongly encouraged that students do not begin or break a curriculum thread by taking courses at other institutions; e.g., take the MTH 201 equivalent elsewhere, return to GV and continue in the math thread with MTH 202.

**PCEC Student Services: (616)331-6025**

* Engineering Foundation course
+ Students may enroll in PHY 231 instead of PHY 234
# Issues courses as well.
% ECO 210 or 211 is required in the engineering curriculum. Also fulfills one SBS GenEd requirement.