## Degree Requirement Checksheet

### General Education Program

**Required Courses**
- **Lower and Junior Level Required Courses**
  - **Communication (9 SEM HRS)**
    - EGS 1006C Introduction to the Engineering Profession: 1 SH
    - EGN 1007C Engineering Concepts and Methods: 1 SH
    - 6 SH
  - STA 3032 Probability & Statistics for Engineers: GEP 3 SH
  - ENC 1101: 3 SH
  - ENC 1102: 3 SH
  - SPC 1603C: 3 SH
  - Approve Cultural Foundations course: 3 SH
  - **Select 2: GE 1200 or GEO 2370 (either GEO is preferred) or BSC 1050C or BSC 1005C or GLY 1030**
    - 3 SH
  - **Special Foundation - (6 SEM HRS)**
    - ECO 2013 or ECO 2023: 3 SH

### Engineering Core

**Required Courses**
- **Senior Level Required Courses**
  - STA 3032 Probability & Statistics for Engineers: 3 SH
  - ENC 1101: 3 SH
  - ENC 1102: 3 SH
  - SPC 1603C: 3 SH
    - 6 SH
  - STA 3032 Probability & Statistics for Engineers: GEP 3 SH
  - ENC 1101: 3 SH
  - ENC 1102: 3 SH
  - SPC 1603C: 3 SH
  - Approve Cultural Foundations course: 3 SH
  - **Select 2: GE 1200 or GEO 2370 (either GEO is preferred) or BSC 1050C or BSC 1005C or GLY 1030**
    - 3 SH
  - **Special Foundation - (6 SEM HRS)**
    - ECO 2013 or ECO 2023: 3 SH

### Mathematics

**Required Courses**
  - 6 SH

### Science

**Required Courses**
  - 6 SH

### Engineering Electives

**Required Courses**
  - 6 SH

### Technical Electives (EEE or EEL 4XXX or 5XXX)

**Required Courses**
  - 6 SH

**GPA Requirement**
- **GPA Engr Option = (2.250 minimum)**
- **Advisor Comments:**
  - Transfer students please see your faculty advisor before registering for these classes.
  - **BS-MS students should choose (3 SH) 5000 level courses as electives.**

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* **Indicates minimum "C" or better grade

* A Grade of C (2.00) or higher required

** Indicates "C-" minimum required by the Gordon Rule

### Notes

- GPA Gen Ed Prog = 36
- GPA Engr Option = (2.250 minimum)
- Technical Electives (EEE or EEL 4XXX or 5XXX)
- EEL 4914 Senior Design I: 3 SH
- EEL 4915L Senior Design II: 3 SH
- EEL 5557 Introduction to Radar Systems: 3 SH
- EEL 5582 Fundamentals of Wireless Communication: 3 SH
- EEL 5628 Communications and Networking for Smart Grid: 3 SH
- EEL 5820 Image Processing or its equivalent course from CS: 3 SH
- EEL 5882 Fundamentals of Wireless Communication: 3 SH
- EEL 6268 Wireless Networks: 3 SH
- Technical Electives (EEE or EEL 4XXX or 5XXX)