Bachelor of Science in Robotics Engineering (BSRE) Flowchart (Effective Fall 2011, 136 credit hours)

**FRESHMAN**
- 17 hrs
  - MCS 1514 Computer Science 1
  - EGE 1012 Intro to Engineering
  - MCS 1414 Calculus 1
  - COM 1001 University Seminar

**SOPHOMORE**
- 18 hrs
  - MCS 2514 Computer Science 2
  - PHY 2413 University Physics 1
  - MCE 2534 Calculus 2
  - LLT 1213 World Masterpieces 1

**JUNIOR**
- 18 hrs
  - EGE 1012 Intro to Engineering
  - MCS 2522 Discrete Mathematics
  - ESE 2103 Mechanical Eng Graphics
  - SSC 2433 Development of American Exper

**SENIOR**
- 17 hrs
  - PHY 2423 University Physics 2
  - EME 3014 Unified Robotics I
  - MCS 3863 Linear Algebra
  - LDR 2001 Leadership Models & Prac

- 17 hrs
  - PHY 2422 University Physics 2 Laboratory
  - EME 3014 Unified Robotics I
  - MCS 3863 Linear Algebra
  - LDR 2001 Leadership Models & Prac

- 17 hrs
  - EME 3014 Unified Robotics II
  - LDR 2001 Leadership Models & Prac
  - EME/EEE/MCS/ERE 4/5__3 Tech Elective

- 15 hrs
  - EME 4243 Embedded Systems
  - EME 4242 Technology Capstone
  - LDR 4000 Leadership Capstone

---

List of acceptable technical elective courses (EME, EEE, MCS, ERE) and corresponding prerequisites is available at the M.E. Department office (E29).

Take Jr/Sr Humanities Electives and Tech Electives early to avoid scheduling conflicts in Senior year.

C. Riedel
6-24-2011