Systems Engineering Design (formerly General Engineering) Curriculum Map

Effective August 2017

Name: ___________________________ UIN: _____________

Secondary Field Option: ________________

**Freshman**
- 15-16 hrs
  - MATH 221 (4)
  - CHEM 102 (3)
  - CHEM 103 (1)
  - ENG 100 (0)
  - SE 100 (1)
  - RHET 105 (4)
  - LEE (3)

**Sophomore**
- 15 hrs
  - MATH 241 (4)
  - PHYS 211 (4)
  - TAM 211 (3)
  - SE 101 (3)
  - LEE (3)
  - ECE 110 (3)

**Junior**
- 15 hrs
  - MATH 285 (3)
  - PHYS 212 (4)
  - TAM 251 (3)
  - SE 261 (1)
  - SE 390 (0)
  - ECE 211 (2)

**Senior**
- 15-17 hrs
  - MATH 415 (3)
  - IE 310 (3)
  - SFO (3)
  - Eng Sci Elect (3)
  - Free Elec (3)

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1 Rhet 105 is taken either the first or second semester of the first year, according to the student's UIN (RHET 105 in Spring if your UIN is odd). SE 101 is taken the other semester.
2 You must complete ECON 102 or 103 as one of your LEE selections.
3 SE 494 and SE 495 are to be taken based on the student's UIN (Odd UIN is Spring; Even UIN is Fall). These courses also complete the Advanced Composition requirement. All courses in the freshman, sophomore, and junior year should be complete prior to enrollment. Specific prerequisites are: SE 261, SE 390, SE 311, IE 300, IE 310, and TAM 335; or credit or concurrent registration in a SE Design Elective Must enroll concurrently in SE 495.