

**Bachelor of Science in Engineering & Management Science**  
(136 SCH)  
**BSEMS**  
Catalog 2013 - 2015

**Freshman**

**Sophomore**

**Junior**

**Senior**

Semester 1  
(13 SCH)

Semester 2  
(17 SCH)

Semester 3  
(16 SCH)

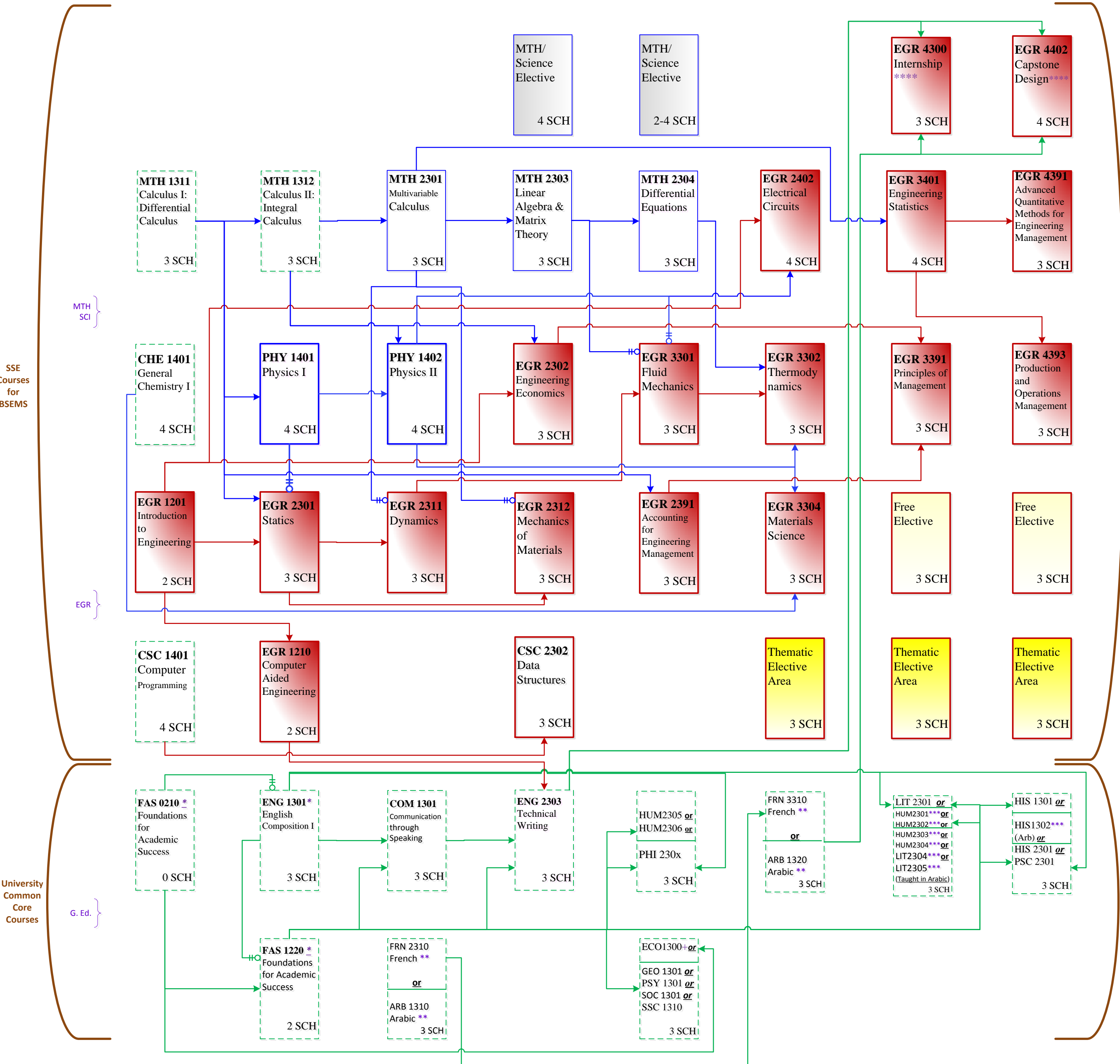
Semester 4  
(19 SCH)\*,\*

Semester 5  
(17-19 SCH)\*,\*

Semester 6  
(16 SCH)

Semester 7  
(19 SCH)

Semester 8  
(19 SCH)



MTH SCI }  
SSE Courses for BSEMS  
EGR }  
G. Ed. }  
University Common Core Courses

**Key**

- Maths (MTH) and Basic Sciences (SCI)
- Engineering (EGR)
- University Common Core for SSE Programs (General Education (G. Ed.))
- The box from which a line originates indicates the pre-requisite for the destination box
- ↔ Co-Requisite (CR)

**Notes**

- \* **FAS 0210 & FAS 1220:** FAS 0210 counts for 2 non-degree credits. FAS 0210 and FAS 1220 must be taken sequentially. Only students who have completed Language Center requirements, except AWT1002, can take FAS 0210. FAS1220 is for students who passed FAS 0210 and ENG 1301, but it can be taken in the same semester as ENG 1301 if necessary.
- \* **Prerequisite of ENG 1301 English Composition I:** Student should pass all Language Center modules; Possible Corequisite: FAS 1210
- \*\* **Arabic and French language requirements:** A total of 6 SCH in these languages is a requirement of the UCC. Students take 0-6 SCH of Arabic and/or 0-6 SCH of French, depending on their background.
  - a- Students holding a Moroccan baccalaureate or having had Arabic as the language of instruction in high school are not required to take Arabic courses (0 SCH). They fulfill the Arabic language requirement by taking one of the following UCC content courses taught in Arabic: HIS1302, HUM 2303, HUM 2304, LIT2304, or LIT2305. Language requirement in the UCC should be met by taking French courses depending on the TEF score.
  - b- Students who have not had Arabic as the language of instruction in high school are required to successfully complete 3-6 SCH depending on the placement test that will determine which Arabic courses (such as ARB1309, ARB1310, or ARB1320) are needed. A maximum of 6 SCH in Arabic can be counted as fulfilling the UCC language requirement. Any additional credits will not count towards the degree.
- All students are required to satisfy the TEF-B2 level of French, or take the required course(s) to reach the level needed, FRN3310, before graduation. Students will take a placement test which determines the French courses (such as FRN2310) needed to achieve this level of proficiency. A maximum of 6 SCH in French can be counted as fulfilling the UCC requirement. Any additional courses (such as FRN1305 and FRN1308) will not count towards the degree and will be graded on Pass/Fail basis. All students must also pass the French component of the Exit Exam.
- \*\*\* **History and Humanities requirements:** Students who take a content course taught in Arabic (HIS 1302, HUM 2303, HUM 2304, LIT 2304, or LIT 2305) fulfill a History or Humanities requirement of the UCC. They may not take the equivalent course in English (HIS 2301, HUM 2301, HUM 2302) or Arabic (ARB 2304, ARB 2305) to fulfill another requirement.
- + **ECO1300:** This course is designed only for students that are NOT majoring or minoring in Business Administration or Human Resource development. Therefore, it cannot serve as a substitute for ECO 2301 or ECO 2302. However, students that are eligible to take this course can also take it as an elective course.
- \*\*\*\* **May be combined with internship 7 SCH**
- \*, \* **Semester suitable for Exchange Program**