## Suggested Plan of Study

### Fall—Year 1
- MATH 2554, Calculus I
- CHEM 1103, University Chemistry I
- ENGL 1013, Composition I
- PHYS 2054, University Physics I
- GNEG 1111, Introduction to Engineering I
- 15 hours

### Spring—Year 1
- MATH 2564, Calculus II
- CHEM 1123, University Chemistry II
- ENGL 1023, Composition II
- PHYS 2074, University Physics II
- GNEG 1121, Introduction to Engineering II
- 16 hours

### Fall—Year 2
- MATH 2574, Calculus III
- CHEM 3603, Organic Chemistry I
- CHEM 3601L, Organic Chemistry I Lab
- CHEG 2113, Intro to Chemical Engineering I
- Humanities/Social Science Elective, 3 hours
- HIST 2003, HIST 2013 or PLSC 2003
- 17 hours

### Spring—Year 2
- MATH 2584, Differential Equations
- CHEM 3613, Organic Chemistry II
- CHEM 3611L, Organic Chemistry II Lab
- Humanities/Social Science Elective, 3 hours
- CHEG 2133, Fluid Mechanics
- CHEG 2313, Thermodynamics of Single Comp
- 17 hours

### Fall—Year 3
- CHEM 3813, Intro to Biochemistry or CHEM 4813H, Honors Biochemistry I
- CHEG 3144, Heat and Mass Transport
- ECON 2143, Basic Economics (ECON 2013 may be substituted)
- CHEG 3323, Thermodynamics of Multicomponent Systems
- Technical Elective, 3 hours
- Humanities/Social Science Elective, 3 hours
- 19 hours

### Spring—Year 3
- CHEG 3713, Materials Technology
- CHEG 3333, Chemical Engr Reactor Design
- CHEG 3253, Computer Methods
- CHEG 3233L, Chemical Engineering Lab I
- Humanities/Social Science Elective, 3 hours
- 15 hours

### Fall—Year 4
- CHEG 4163, Separation Processes
- CHEG 4413, Chem Engr Design I
- CHEG 4813, Chemical Process Safety
- Technical Elective, 3 hours
- Advanced Science elective—3 hours
- 15 hours

### Spring—Year 4
- CHEG 4332, Chemical Engineering Lab II
- CHEG 4423, Auto Process Control
- CHEG 4443, Chem Engr Design II
- Advanced Science or Chemical Engineering elective—3 hours
- Chemical Engineering Elective, 3 hours
- 14 hours
University of Arkansas
Ralph E. Martin Department of Chemical Engineering
Fall 2015 (128 hour) plan

Name: ____________________________  ID: ____________  Semester: ________________

“X” out the courses you have passed, or are taking; circle the classes you are planning to take

History/HSS Electives (18 hr)
1. HIST 2003, 2013 or PLSC 2003
2. Hum: ____________________________
3. Fine Arts: ____________________________
4. Soc Sci 1: ECON 2143 or ECON 2013
5. Soc Sci 2: ____________________________

Technical Elective (6 hr)
1. ____________________________
2. ____________________________

Advanced Science/CHEG Electives (9 hr)
1. ____________________________ (AS)
2. ____________________________ (AS/CHEG)
3. ____________________________ (CHEG)