Academic Advisement Report
UGRD.UENGR.CHEBSCHE
Undergraduate Career
College of Engineering Program
Chemical Engineering Major (BSCHE)
Requirement Term: Fall 2014

Undergraduate Graduation Requirements
All course work and requirements for this degree must be completed prior to the date the degree is awarded. The University of Arizona requirements to follow in this audit are required for graduation and awarding of the degree.

Curriculum:
1. The University of Arizona and the Arizona Board of Regents have sole discretion over all curricula changes.
2. Courses, programs & requirements may be suspended, deleted, restricted, or changed in any manner, at any time.
3. Students must remain currently informed about all policies & other info that bears on completing a degree.

Required Units:
Additional units will be required to complete this degree if a student:
A) is admitted to the UA with deficiencies;
B) changes his/her academic plan(s);
C) fails to meet minimum course/plan requirements;
D) ineffectively plans or fails to execute a course of study that leads directly to degree completion; or
E) is completing more than one baccalaureate degree. Completing a second bachelor's degree at The University of Arizona requires no fewer than 30 units in addition to the units required for the first degree, and all requirements for the second degree must be met.

The following requirements must be met for graduation.

Units Required and Cumulative GPA
128 units are required at a 2.0 GPA. View the pdf report grid for units earned toward this degree and cumulative GPA.
Completing a second bachelor's degree at The University of Arizona requires no fewer than 30 units in addition to the units required for the first degree, and all requirements for the second degree must be met.

Upper Division Units
Not Satisfied: A minimum of 42 units of upper-division credit are required for this degree.
- Units: 42.00 required, 0.00 completed, 42.00 needed

Units in Residence
Not Satisfied: A minimum of 30 units in residence at The University of Arizona (excluding correspondence credit and credit by exam) is required.
- Units: 30.00 required, 0.00 completed, 30.00 needed

Final Units in Residence
A minimum of 18 of the final 30 units taken toward degree requirements must be in residence at The University of Arizona. Consult with your academic advisor if you plan to use transfer credits to fulfill your degree requirements.

Correspondence and/or Exam Credit Limit
Satisfied: A maximum of 60 units of Correspondence Credit and/or Exam Credit may apply toward graduation.
- Units: 0.00 completed
Non Degree Seeking Limit
A maximum of 15 units completed as a non-degree seeking student may be used for fulfilling undergraduate degree requirements.
Units exceeding this limit (shown below) must be subtracted from the units required towards the degree and graduation requirements.

Community College Limit
Not Satisfied: A maximum of 64 units of community college course work may apply toward graduation. A minimum of 64 units of course work must be completed at a 4-year institution, military institution, or as test credit.
- Units: 64.00 required, 0.00 completed, 64.00 needed

Success Course Limit
Satisfied: No more than 3 units will apply toward a student's graduation requirements.
All Success courses taken can be seen below. Success Course units exceeding the 3 unit maximum must be subtracted from the total units, residency requirements and cumulative grade point average.

PE Activity Course Limit
Satisfied: No more than 3 units will apply toward a student's graduation requirements.
All PE activity courses taken can be seen below. PE Activity units exceeding the 3 unit maximum must be subtracted from the total units, residency requirements and cumulative grade point average.

Foundation Mathematics
Not Satisfied: Foundation Mathematics

GE Substantial Math Strand
Not Satisfied: GE Substantial Math Strand

GE Substantial Math Strand
Not Satisfied: Complete 1 course.
- Units: 2.67 required, 0.00 completed, 2.67 needed
- Courses: 0.00 completed

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Courses Available
MATH 122B, MATH 124, MATH 125, MATH 125-CC

Undergraduate General Education and Foundation Requirements
Overall Requirement Not Satisfied: Undergraduate General Education and Foundation Requirements
Foundation Composition

Not Satisfied: Select from 1 of the 3 following options:
1. First and Second Semester Composition OR
2. Honors Composition with grade of C or higher OR
3. Honors Composition with a grade of D and Second Semester Composition.

Please note: Students who earn a grade of D in Honors Composition may choose to repeat the course in order to earn a higher grade to satisfy the requirement. Please consult with your major advisor.

Mid-Career Writing Assessment - Complete 2nd semester English Composition with a B grade or higher. Students who do not earn a grade of B or better in 2nd semester English Composition must also satisfy a college or department writing requirement. Consult your major advisor if you do not earn a grade of B in 2nd semester English Composition.

Option 1: First Semester Composition

Not Satisfied: Complete 1 course

· Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ENGL 101, ENGL 101A, ENGL 103H, ENGL 107, ENGL 107A

AND Option 1: Second Semester Composition

Not Satisfied: AND Complete 1 course

· Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ENGL 102, ENGL 104H, ENGL 108

OR Option 2: Honors Composition

Not Satisfied: OR Complete 1 course with a C or better.

· Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ENGL 109H

GE Foundation Second Language not required

Satisfied: There is no second language required for your major.
**General Education Tier I**

**Overall Requirement Not Satisfied:** Complete 2 courses in each of the following areas.

**Tier I Individuals & Societies**

**Not Satisfied:** Fulfillment of Individuals and Societies requires completion of two distinctly numbered courses (e.g., INDV 101 & 103 or PSY 150A1 & ANTH 150B1 or PSY 150A1 & INDV 103).

Only one course may be completed from the 150A options OR INDV 101. Only one course may be completed from the 150B options OR INDV 102. Only one course may be completed from the 150C options OR INDV 103.

INDV 101 = 150A#
INDV 102 = 150B#
INDV 103 = 150C#

- **Courses:** 2.00 required, 0.00 completed, 2.00 needed

**Courses Available**

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**Tier I Traditions & Cultures**

**Not Satisfied:** Fulfillment of Traditions and Cultures requires completion of two distinctly numbered courses (e.g., TRAD 102 & 104 or AFAS 160C2 & RSSS 160C1 or TRAD 101 & RSSS 160C1).

Only one course may be completed from the 160A options OR TRAD 101. Only one course may be completed from the 160B options OR TRAD 102. Only only course may be completed from the 160C options OR TRAD 103. Only one course may be completed from the 160D options OR TRAD 104.

TRAD 101 = 160A#
TRAD 102 = 160B#
TRAD 103 = 160C#
TRAD 104 = 160D#

- **Courses:** 2.00 required, 0.00 completed, 2.00 needed

**Courses Available**

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General Education Tier II

Overall Requirement Not Satisfied: Majors must complete Tier II Individual and Societies. Choose one additional Tier II courses from Tier II Arts or Tier II Humanities to complete the requirement.

Option 1: Tier II Arts

Not Satisfied: Complete 3 units

- Units: 3.00 required, 0.00 completed, 3.00 needed

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Courses Available


OR Option 2: Tier II Humanities

Not Satisfied: Complete 1 course. Prerequisite course work in Tier 1 Traditions and Cultures (TRAD) must be completed prior to taking. If LAT 201 or 202 are used to fulfill Foundation Second Language Proficiency, they cannot be used to fulfill Tier II Humanities.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

AFAS 200, AFAS 222, AFAS 224, AFAS 230, AFAS 245, AFAS 245-CC, AFAS 249, AFAS 255, AFAS 310, AFAS 314, AFAS 320, AFAS 324, AFAS 365, AFAS 373, AFAS 374, AFAS 375, AIS 381, AIS 381, ANTH 222, ANTH 300, ARH 300, ARH 329, ART 329, CHN 245, CLAS 220, CLAS 221, CLAS 221-SA, CLAS 260, CLAS 300, CLAS 300-SA, CLAS 329, CLAS 335, CLAS 335-SA, CLAS 342, CLAS 346, ENGL 220A, ENGL 220B, ENGL 230, ENGL 231, ENGL 245, ENGL 245-CC, ENGL 248B, ENGL 260, ENGL 260-SA, ENGL 265, ENGL 265-CC, ENGL 267, ENGL 267-SA, ENGL 280, ENGL 342, ENGL 375, ENGV 360, FREN 245, FREN 245-CC, FREN 249, FREN 280, FREN 280-SA, FREN 282,

AND Tier II Individual & Societies
(R2778/L30)

Not Satisfied: Complete 1 course. Prerequisite course work in Tier 1 Individuals and Societies (INDV) must be completed prior to taking.

· Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

Diversity Emphasis Course
(R631)

Not Satisfied: One course must be taken that focuses on Gender, Race, Class, Ethnicity, Sexual Orientation or Non-Western Area Studies.

Courses used to fulfill this requirement may also be used to fulfill other requirements.

Diversity Emphasis Course
(R631/L10)

Not Satisfied: General Education Diversity Emphasis Course: Gender, Race, Class, Ethnicity, Sexual Orientation or Non-Western Area Studies.

· Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available
### Additional Coursework

Courses listed in this section may include general elective credits, UA courses and transferable courses from other institutions. Consult with your advisor to determine if courses listed in this section may be used to fulfill a requirement or sub-requirement in your degree program.

Courses taken for Pass/Fail option can only count as elective credit. They cannot fulfill any General Education, Major, or Minor requirements.

### BSCH in Chemical Engineering

**Overall Requirement Not Satisfied:** BSCH in Chemical Engineering

### Chemical Engineering Supporting Sciences

**Overall Requirement Not Satisfied:** Chemical Engineering Supporting Sciences

#### Chemistry 1

**Not Satisfied:** Complete 4 units consisting of a lecture and lab.

- **Units:** 4.00 required, 0.00 completed, 4.00 needed

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**Courses Available**

- CHEM 103A, CHEM 103A-CC, CHEM 104A, CHEM 151, Approved Transfer Course, CHEM 105A, CHEM 106A
Chemistry II

**Not Satisfied:** Complete 4 units consisting of a lecture and lab.

- **Units:** 4.00 required, 0.00 completed, 4.00 needed

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Courses Available

CHEM 152, Approved Transfer Course, CHEM 103B, CHEM 103B-CC, CHEM 104B, CHEM 105B, CHEM 106B

Core Sciences

**Not Satisfied:** Complete 7 courses

Note: ENGR102 or ENGR102A & ENGR102B can be taken

- **Courses:** 7.00 required, 0.00 completed, 7.00 needed

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Physics I

**Not Satisfied:** Complete 1 course

- **Courses:** 1.00 required, 0.00 completed, 1.00 needed

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Physics II

**Not Satisfied:** Complete 1 course

- **Courses:** 1.00 required, 0.00 completed, 1.00 needed

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### Courses Available

**Mathematics**

Complete 3 courses

- Courses: 3.00 required, 0.00 completed, 3.00 needed

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### Courses Available

**Advanced Physical Chemistry**

Complete 1 course

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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### Courses Available

**Chemical Engineering Major**

Complete 16 courses. Credit will be given only for BIOC462A or CHEE477R.

- Courses: 16.00 required, 0.00 completed, 16.00 needed
### Courses Available

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<tr>
<td>BIOC 462A, CHEE 201, CHEE 201L, CHEE 202, CHEE 203, CHEE 301A, CHEE 301B, CHEE 303, CHEE 305, CHEE 326, CHEE 401A, CHEE 402, CHEE 413, CHEE 420, CHEE 442, CHEE 443, CHEE 477R</td>
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### Technical Electives

- **Not Satisfied:** Complete 6 Upper Division units from Engineering, Science, or Business courses in consultation with an advisor.
- Lower division courses of MCB 181R and/or ECOL 182R are the exceptions to the Upper Division courses may be used to satisfy the requirement. Only 3 units of CHEE 399 or CHEE 499 will be approved for a technical or engineering elective.

- **Units:** 6.00 required, 0.00 completed, 6.00 needed

### Courses Available

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<tr>
<td>AME 3TR, AME 300, AME 301, AME 302, AME 313, AME 320, AME 321, AME 323, AME 324A, AME 324B, AME 324C, AME 324L, AME 331, AME 352, AME 400, AME 401, AME 420, AME 420A, AME 422, AME 422A, AME 423, AME 424, AME 425, AME 426, AME 427, AME 428A, AME 429, AME 430, AME 431, AME 432, AME 433, AME 442, AME 444, AME 445, AME 446, AME 451, AME 452, AME 454, AME 455, AME 457, AME 460, AME 462, AME 463, AME 466, AME 472, AME 473, AME 474, AME 480, AME 481, AME 482, AME 483, AME 484, AME 485, AME 486, AME 487, AME 488, AME 489A, AME 489B, BIOC 3TR, BIOC 384, BIOC 385, BIOC 434, BIOC 443, BIOC 444A, BIOC 448A, BIOC 462A, BIOC 462B, BIOC 463A, BIOC 466, BIOC 470, BIOC 471, BIOC 472, BIOC 473A, BME 3TR, BME 330, BME 331, BME 416, BME 417, BME 466, BME 480, BME 481B, BME 483, BME 484, BME 485, BME 486</td>
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Overall Requirement Not Satisfied: Chemical Engineering Graduation Requirements

Not Satisfied: Complete 9 units. Only 3 units of CHEE 399 or CHEE 499 will be approved for a technical or engineering elective.

- Units: 9.00 required, 0.00 completed, 9.00 needed

### Courses Available

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### Chemical Engineering Graduation Requirements

Overall Requirement Not Satisfied: Chemical Engineering Graduation Requirements
**Mid Career Writing Assessment**

Not Satisfied: Complete 2nd semester English Composition with a B grade or higher. Students who do not earn a grade of B or higher in 2nd semester English Composition must also satisfy a college or department writing requirement. Consult your major advisor if you do not earn a grade of B or higher in 2nd semester English Composition.

- **Courses**: 1.00 required, 0.00 completed, 1.00 needed

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**Major GPA**

Satisfied: A minimum 2.0 GPA is required in the major coursework.

- **Units**: 0.00 completed
- **GPA**: 2.000 required, 0.000 completed

**Major Residency**

Not Satisfied: A minimum of 18 units in the pre-major, supporting coursework, professional core, and/or major must be taken at the University of Arizona.

- **Units**: 18.00 required, 0.00 completed, 18.00 needed

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**Minor Optional**

Satisfied: A minor is optional for this major. Consult with your advisor to select a minor or discuss other options such as selecting a second major.