Academic Advisement Report  
UGRD.USCNC.CHEMBS  
Undergraduate Career  
College of Science Program  
Chemistry Major (BS)  
Requirement Term: Fall 2010

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.

The following requirements must be met for graduation.

Units Required and Cumulative GPA
120 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
Not Satisfied: A minimum of 18 of the final 30 units taken toward degree requirements must be in residence at The University of Arizona.

- Units: 18.00 required, 0.00 completed, 18.00 needed

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Correspondence and/or Exam Credit Limit

**Satisfied:** A maximum of 60 units of Correspondence Credit and/or Exam Credit may apply toward graduation.

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 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 56 units of course work must be completed at a 4-year institution, military institution, or as test credit.

- **Units:** 56.00 required, 0.00 completed, 56.00 needed

Success Course Limit

**Satisfied:** No more than 3 units will apply toward a student's graduation requirements.

Success Course 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 from MATH 124,125,129,223 TO 499.


- **Units:** 2.67 required, 0.00 completed, 2.67 needed
Courses Available

MATH 124, MATH 125, MATH 125-CC, MATH 129, MATH 129-CC, MATH 215, MATH 223, MATH 223-CC, MATH 250A, MATH 254, MATH 254-CC

Undergraduate General Education and Foundation Requirements

Overall Requirement Not Satisfied: Undergraduate General Education and Foundation Requirements

Foundation Composition

Not Satisfied: Complete 1 of the 2 following options:
1. First and Second Semester Composition OR
2. Honors Composition

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 103H, ENGL 107

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
**Foundation Second Language - Second Semester Proficiency**

Not Satisfied: Credit will not be given for a course at an equivalent or lower level than prior language credit earned. Course must be taken for a grade, not as pass/fail. Third semester or higher courses used to fulfill this requirement may also be used to fulfill other requirements.

Demonstrate second semester proficiency in a second language by completing a second semester or higher language course or by passing a language proficiency examination at the second semester level or higher.

**Second Semester Language Course**

Not Satisfied: Complete 1 course.


- Courses: 1.00 required, 0.00 completed, 1.00 needed

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**Courses Available**

AIS 104B, AIS 307A, ARB 102, CHN 102, CHN 102-CC, CHN 102-SA, CRL 102, CRL 197A, FREN 102, FREN 102-CC, FREN 102-SA, FREN 112, GER 102, GER 102-CC, GRK 102, GRK 102-SA, GRK 104, ITAL 102, ITAL 102-CC, ITAL 102Z, ITAL 102Z-SA, JPN 102, LAT 102, LAT 102-SA, LING 307A, PORT 102, PRS 102, RSSS 101B, RSSS 101B-CC, RSSS 101B-SA, SERP 370B, SPAN 102, SPAN 102-CC, SPAN 103, TURK 102

**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).

- Courses: 2.00 required, 0.00 completed, 2.00 needed

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**Courses Available**

INDV 101, INDV 101-SA, INDV 102, INDV 102-SA, INDV 103, INDV 103-CC, INDV 103-SA, (***) (###)

**Tier I Traditions & Cultures**

Not Satisfied: Fulfillment of Traditions and Cultures requires completion of two distinctly numbered courses (e.g., TRAD 102 & 104).

- Courses: 2.00 required, 0.00 completed, 2.00 needed

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CHEMBS

Courses Available
TRAD 101, TRAD 101-CC, TRAD 102, TRAD 102-CC, TRAD 103, TRAD 103-SA, TRAD 104, TRAD 104-SA, (***) (###)

General Education Tier II

Overall Requirement Not Satisfied: Complete 1 course from each of the following areas.

Tier II Arts

Not Satisfied: Complete 3 units.

- Units: 3.00 required, 0.00 completed, 3.00 needed

Courses Available


Tier II Humanities

Not Satisfied: 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

Courses Available


Tier II Individual & Societies

Not Satisfied: 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
### Courses Available

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**Diversity Emphasis Course**

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**

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

INDV 101 will only fulfill this area if topic taken is "Race, Ethnicity, and the American Dream".

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

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INDV 101 will only fulfill this area if topic taken is "Race, Ethnicity, and the American Dream".

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

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

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INDV 101 will only fulfill this area if topic taken is "Race, Ethnicity, and the American Dream".

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

BS in Chemistry
Overall Requirement Not Satisfied: Bachelor of Science in Chemistry

Chemistry Pre-Major
Overall Requirement Not Satisfied: Courses used to fulfill this requirement can be used to fulfill other requirements.

1. Mathematics
Not Satisfied: Complete 3 courses. Only one from MATH 124 and 125 can be used for this requirement.

- Courses: 3.00 required, 0.00 completed, 3.00 needed

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Courses Available
MATH 124, MATH 125, MATH 125-CC, MATH 129, MATH 129-CC, MATH 223, MATH 223-CC

2. Physics
Not Satisfied: Complete 2 courses.

- Courses: 2.00 required, 0.00 completed, 2.00 needed

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Courses Available
PHYS 141, PHYS 241

Introductory Chemistry
Overall Requirement Not Satisfied: Introductory Chemistry

1. Option I: Introductory Chemistry I
Not Satisfied: Complete Chem 151

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

CHEM 151, (***) (###)

**OR 1. Option II: Introductory Chemistry I** *(R1146/L20)*

**Not Satisfied:** Complete CHEM 105A and 106A

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

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**Courses Available**

CHEM 105A, CHEM 106A

**2. Option I: Introductory Chemistry II** *(R1146/L40)*

**Not Satisfied:** Complete CHEM 152

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

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**Courses Available**

CHEM 152, (***) (###)

**OR 2. Option II: Introductory Chemistry II** *(R1146/L50)*

**Not Satisfied:** Complete CHEM 105B and 106B

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

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**Courses Available**

CHEM 105B, CHEM 106B

**Intermediate Chemistry** *(R1148)*

**Not Satisfied:** Intermediate Chemistry

**Option I: Intermediate Chemistry** *(R1148/L20)*
Not Satisfied: Complete 4 courses. A grade of 'C' or better must be achieved in 242A and 242B.

- Courses: 4.00 required, 0.00 completed, 4.00 needed

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Courses Available

CHEM 242A, CHEM 242B, CHEM 244A, CHEM 244B

OR Option II: Intermediate Chemistry (R1148/L30)

Not Satisfied: Complete 4 courses. A grade of 'C' or better must be achieved in 246A and 246B.

- Courses: 4.00 required, 0.00 completed, 4.00 needed

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Courses Available

CHEM 246A, CHEM 246B, CHEM 247A, CHEM 247B

Advanced Chemistry (R1150)

Overall Requirement Not Satisfied: Advanced Chemistry

1. Advanced Electives (R1150/L10)

Not Satisfied: Complete 8 courses. A maximum of one course may be selected between CHEM 480B and 481. A grade of 'C' or higher must be achieved in these courses to count for the major.

- Courses: 8.00 required, 0.00 completed, 8.00 needed

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Courses Available

CHEM 325, CHEM 326

Courses Available


Chemistry Major Graduation Requirements

Overall Requirement Not Satisfied: Chemistry Major 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
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 major must be taken at the University of Arizona.
- Units: 18.00 required, 0.00 completed, 18.00 needed

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.