Academic Advisement Report
UGRD.USCNC.MATHBA.LIFESC
Undergraduate Career
College of Science Program
Mathematics Major (BA)
Life Sciences Option
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

ENGL 109H

Foundation Second Language - Fourth Semester Proficiency (R519)

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 for pass/fail.
Determine fourth semester proficiency in a second language by completing one of the following:

1. Complete a Fourth Semester Language Course
2. Complete Arabic 401 and 1 course from Arabic 424B, 427B or 430B.
3. Pass a language proficiency examination at the fourth semester level

Option 1: Fourth Semester Language Course

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

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available


OR Option 2: Arabic Language (R519/L20)

Not Satisfied: Complete ARB 401, Intermediate Arabic, plus one additional course from ARB 424B, 427B, 439B.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ARB 401

AND Option 2: Additional Arabic Courses

Not Satisfied: Complete one additional course from ARB 424B, 427B, 439B.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ARB 424B, ARB 427B, ARB 439B

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 Natural Sciences

Not Satisfied: Fulfillment of Natural Sciences requires completion of two distinctly numbered courses (e.g., NATS 102 & 104).

- Units: 6.00 required, 0.00 completed, 6.00 needed

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Courses Available

NATS 101, NATS 101-SA, NATS 102, NATS 104, Physical & Biological Sciences

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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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

ARC 325, ARE 130, ARH 201, ARH 202, ARH 202-SA, ARH 203, ARH 312, ARH 314, ARH 315, ARH 315-SA, ARH 316A, ARH 316B, ARH 319, ARH 320, ARH 321, ARH 322, ARH 324, ARH 325, ARH 329, ART 203, ART 242, ART 329, ART 358, CLAS 329, DNS 100, DNS 112A, DNS 112B, DNS 112C, DNS 143, DNS 144A, DNS 144B, DNS 144C, DNS 152A, DNS 152B, DNS 152C, DNS 175, DNS 176A, DNS 176B, DNS 177C, DNS 177D, DNS 200, DNS 276A, ENGL 209, ENGL 210, ENGL 300-SA, HNRS 203H, HNRS 203H, JPN 245, LAS 322, LAS 337, MAR 252, MAR 375, MUS 337, MUS 100, MUS 100-SA, MUS 101A, MUS 107, MUS 108, MUS 108-CC, MUS 109, MUS 206, MUS 231, MUS 328, MUS 334, MUS 334-SA, MUS 337, MUS 344, MUS 360, TAR 100, TAR 103

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

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Courses Available


Tier II Natural Sciences

Not Satisfied: Prerequisite course work in Tier 1 (NATS) 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


Diversity Emphasis Course

- 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 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.

**BA in Mathematics**

Overall Requirement Not Satisfied: Bachelor of Arts in Mathematics

Equivalent MATV courses may be available through UA South. For approved courses consult with your advisor.

**Math Major Requirements**

Overall Requirement Not Satisfied: Math Major Requirements

**Introduction Course**

Not Satisfied: Complete 1 course

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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

Option 1: Calculus and Differential Equations 1
Not Satisfied: Complete MATH 129 and MATH 355

- Courses: 2.00 required, 0.00 completed, 2.00 needed

Term | Subject | Catalog Nbr | Course Title | Grade | Units | RptCd | RqDes | Type
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Courses Available
MATH 129, MATH 129-CC, MATH 355

OR Option 2: Calculus and Differential Equations 2
Not Satisfied: Complete MATH 250A and MATH 250B

- Courses: 2.00 required, 0.00 completed, 2.00 needed

Term | Subject | Catalog Nbr | Course Title | Grade | Units | RptCd | RqDes | Type
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Courses Available
MATH 250A, MATH 250B

Core Courses
Not Satisfied: Complete 4 courses

- Courses: 4.00 required, 0.00 completed, 4.00 needed

Term | Subject | Catalog Nbr | Course Title | Grade | Units | RptCd | RqDes | Type
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Courses Available
CSC 127A, MATH 215, MATH 223, MATH 223-CC, MATH 323

Sub-Plan Required
Not Satisfied: A sub-plan is required for this major. Please consult with your advisor.

Select 1 from the following options: General Option or Comprehensive Option or Computer Science Option or Probability and Statistics Option or Economics Business Option or Education Option or Life Sciences Option.

Option in Life Sciences Mathematics
Overall Requirement Not Satisfied: Option in Life Sciences Mathematics
Equivalent MATV courses may be available through UA South. For approved courses consult with your advisor.

**Life Sciences Option Requirements**  
Overall Requirement Not Satisfied: Life Sciences Option Requirements

**Life Sciences Required Courses**  
Not Satisfied: Complete 2 courses from the following

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

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**Courses Available**  
MATH 422, MATH 464

**Core Electives 1**  
Not Satisfied: Complete 1 course from the following

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

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**Courses Available**  
BIOC 496N, ECOL 380, ECOL 496N, MATH 380, MATH 485, MATH 496N, MCB 496N

**Core Electives 2**  
Not Satisfied: Complete 1 course from the following

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

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**Courses Available**  
MATH 410, MATH 413

**Core Electives 3**  
Not Satisfied: Complete 1 course from the following

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

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Courses Available

MATH 454, MATH 454-CC, MATH 456

Core Electives 4.

Not Satisfied: Complete 1 course from the following

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

MATH 464, MATH 466

Life Sciences Option Graduation Requirements

Overall Requirement Not Satisfied: Life Sciences Option 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 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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Major 400-level Upper Division

Not Satisfied: A minimum of 15 units of 400-level upper-division major coursework must be completed.

- Units: 15.00 required, 0.00 completed, 15.00 needed

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Minor Required

Not Satisfied: A minor is required for this major. Consult with your advisor to select a minor or discuss other options such as selecting a second major.