Academic Advisement Report
UGRD.UMDTC.PSIOBSHS
Undergraduate Career
College of Medicine Program
Physiology Major (BSHS)
Requirement Term: Fall 2018

MAIN Campus at TUCSON Location

The undergraduate Physiology major emphasizes the integrated biological functions of the human body ranging from the cellular to the organ system level. Coursework and research participation provide students with opportunities to learn how the body functions and how these functions are affected by stress and disease. The physiology major prepares students to continue their studies, following completion of the BS in Health Sciences degree, in graduate or professional school pursuing a career in fields related to health science, basic research, or health care. The major curriculum includes the courses required for application to schools of medicine, dentistry, pharmacy, physical therapy, etc.

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) Candidates for a second bachelor's degree at The University of Arizona with a different award date than the first must earn no fewer than 30 units of University Credit in addition to the units required for the first degree, and must meet all requirements for the second 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
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 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.

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

**Overall Requirement Not Satisfied:** GE Substantial Math Strand

Calculus I

**Not Satisfied:** Complete 1 course. A maximum of 1 course can be taken from MATH 122B, 124 and 125; only one will be accepted towards this requirement.

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

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Courses Available

MATH 122B, MATH 125

Calculus II or Biostatistics

Not Satisfied: Complete 1 course.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

BIOS 376, MATH 129, MATH 263

Undergraduate General Education and Foundation Requirements

Overall Requirement Not Satisfied: Undergraduate General Education and Foundation Requirements

Foundation Composition

Not Satisfied: Complete 1 of the following 4 Foundation Composition options:
1. 3 Course Foundation Composition Sequence
2. 2 course Foundation Composition sequence
3. Honors Composition with grade of C or higher
4. 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: Foundation Composition - 3 Course Sequence


- Courses: 3.00 required, 0.00 completed, 3.00 needed

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OR Option 2: Foundation Composition - 2 Course Sequence

Not Satisfied: Complete 2 courses. Complete ENGL 101/107 AND ENGL 102/108

- Courses: 2.00 required, 0.00 completed, 2.00 needed

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Courses Available

ENGL 101, ENGL 101A, ENGL 107, ENGL 107A, ENGL 102, ENGL 108, ENGL 106
Courses Available

ENGL 101, ENGL 101A, ENGL 107, ENGL 107A, ENGL 102, ENGL 108

OR Option 3: Honors Composition

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

- Courses: 1.00 required, 0.00 completed, 1.00 needed

Courses Available

ENGL 109H

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. A grade of C or higher is required in the course that satisfies the second language requirement.

Demonstrate second semester proficiency in a second language by completing a sequence of courses through a second semester or higher level or by passing a language proficiency examination at the second semester level or higher.

Second Semester Language Course

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


- Courses: 1.00 required, 0.00 completed, 1.00 needed

Courses Available

AIS 104B, AIS 307B, ARB 102, CHN 102, CRL 102, FREN 102, FREN 112, GER 102, GRK 102, GRK 104, GRK 112, ITAL 102, ITAL 102Z, JPN 102, JUS 103B, LAS 305A, LAT 102, LAT 112, LING 104B, LING 307B, MENA 103B, PORT 102, PORT 305A, PORT 325A, PRS 102, RSSS 102, SERP 370B, SPAN 102, SPAN 103, SPAN 205, TURK 102

General Education Tier I

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

Tier I Individuals & Societies

Not Satisfied: Complete 2 courses, 6 units total. Transfer students with quarter system credits may satisfy Tier One requirements with 2 courses and 5.34 units.

- Units: 5.34 required, 0.00 completed, 5.34 needed
Courses: 2.00 required, 0.00 completed, 2.00 needed

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Courses Available

(**) (##), AFAS 150B1, ANTH 150B1, ART 150B1, ART 150B2, EDP 150B1, ENGL 150B1, ESOC 150B1, FREN 150B1, FSHD 150B1, FTV 150B1, GEO 150B1, GEOG 150B2, GER 150B1, GWS 150B1, GWS 150B2, GWS 150B3, GWS 150B4, GWS 150B5, HNRS 150B1, HNRS 150B2, HUMS 150B1, ITAL 150B1, LAS 150B1, LAS 150B2, MAS 150B1, MAS 150B2, MIS 150B1, PA 150B1, PHIL 150B1, POL 150B1, RCSC 150B1, RCSC 150B2, RELI 150B1, RSSS 150B1, RSSS 150B2, SOC 150B1, SOC 150B2, SPAN 150B1, SPAN 150B2, TLS 150B1, AED 150A1, ANTH 150A1, ART 150A1, GER 150A1, HNRS 150A1, HNRS 150A2, HNRS 150A3, HNRS 150A4, HNRS 150A5, PAH 150A1, PHIL 150A1, POL 150A1, PSY 150A1, AED 150C1, AREC 150C1, AREC 150C2, AREC 150C3, ECON 150C1, GEOG 150C1, HIST 150C1, HIST 150C2, HIST 150C3, HIST 150C4, HIST 150C5, HIST 150C6, HNRS 150C1, HPS 150C1, JOUR 150C1, MAS 150C1, MENA 150C1, NGC 150C1, PHIL 150C1, PLP 150C1, POL 150C1, POL 150C2, POL 150C3, RNR 150C1, SOC 150C1, SOC 150C2, TLS 150C1

Tier I Traditions & Cultures

Not Satisfied: Complete 2 courses, 6 units total. Transfer students with quarter system credits may satisfy Tier One requirements with 2 courses and 5.34 units.

- Units: 5.34 required, 0.00 completed, 5.34 needed
- Courses: 2.00 required, 0.00 completed, 2.00 needed

Courses Available


General Education Tier II

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

Tier II Arts

Not Satisfied: Complete 1 course, 3 units total. Transfer students with quarter system credits may satisfy Tier Two requirements with 2.67 units.

- Units: 2.67 required, 0.00 completed, 2.67 needed
- Courses: 1.00 required, 0.00 completed, 1.00 needed
## Courses Available


### Tier II Humanities

**Not Satisfied:** Complete 1 course, 3 units total. Transfer students with quarter system credits may satisfy Tier Two requirements with 2.67 units. 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.

- **Units:** 2.67 required, 0.00 completed, 2.67 needed
- **Courses:** 1.00 required, 0.00 completed, 1.00 needed

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## Courses Available


### Tier II Individual & Societies

**Not Satisfied:** Complete 1 course, 3 units total. Transfer students with quarter system credits may satisfy Tier Two requirements with 2.67 units. Prerequisite course work in Tier 1 Individuals and Societies (INDV) must be completed prior to taking.

- **Units:** 2.67 required, 0.00 completed, 2.67 needed
- **Courses:** 1.00 required, 0.00 completed, 1.00 needed

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## Courses Available

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.

**Physiology Pre-Major Coursework**

*Not Satisfied:* Qualification for admission to the Physiology major requires credit for 56 units, a minimum cumulative GPA of 2.250, a major GPA of 2.000 or higher in PSIO courses, completion of the MCWA, and an approved application. The following coursework must be completed prior to being admitted into the major: ENGL101 or ENGL107 and ENGL102 or ENGL108, or ENGL 109H; MATH 122A/B or MATH124 or MATH125; CHEM103A & 104A or 151, CHEM103B & 104B or 152; PSIO201, 202 (grade of C or better). Please consult with your advisor.

**Physiology Pre-Major Coursework**

*Overall Requirement Not Satisfied:* Physiology Pre-Major Coursework

1. Chemistry I
   *Not Satisfied:* Complete 4 units
   
   - **Units:** 4.00 required, 0.00 completed, 4.00 needed

   **Courses Available**
   
   CHEM 161, CHEM 163, CHEM 141, CHEM 143, CHEM 151, Approved Transfer Course

2. Chemistry II
   *Not Satisfied:* Complete 4 units
   
   - **Units:** 4.00 required, 0.00 completed, 4.00 needed

   **Courses Available**
   
   CHEM 162, CHEM 164, CHEM 142, CHEM 144, CHEM 152, Approved Transfer Course

3. Organic Chemistry Lectures
   *Not Satisfied:* Complete 2 Organic Chemistry Lecture courses in sequence (A and B).
   
   - **Courses:** 2.00 required, 0.00 completed, 2.00 needed
Courses Available


4. Organic Chemistry Labs

Not Satisfied: Complete 2 Organic Chemistry Lab courses in sequence (A and B).

- Courses: 2.00 required, 0.00 completed, 2.00 needed

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Courses Available

CHEM 243A, CHEM 243B, CHEM 247A, CHEM 247B

4. Biology I

Not Satisfied: Complete 4 units.

- Units: 4.00 required, 0.00 completed, 4.00 needed

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Courses Available

MCB 181L, MCB 181R, Approved Transfer Course

5. Biology II

Not Satisfied: Complete 4 units.

- Units: 4.00 required, 0.00 completed, 4.00 needed

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Courses Available

ECOL 182L, ECOL 182R, Approved Transfer Course

6. Physics I

Not Satisfied: Complete 4 units

- Units: 4.00 required, 0.00 completed, 4.00 needed

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**PHYS 102, PHYS 181, PHYS 141**

7. Physics II

Not Satisfied: Complete 4 units

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

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**PHYS 103, PHYS 182, PHYS 241**

8. Anatomy & Physiology I & II

Not Satisfied: Complete 8 units.

- **Units:** 8.00 required, 0.00 completed, 8.00 needed

### Courses Available

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**PSIO 201, PSIO 202**

**BSHS in Physiology**

Overall Requirement Not Satisfied: Bachelor of Science in Health Sciences in Physiology

### Physiology Major

Overall Requirement Not Satisfied: Complete a minimum of 30 units.

NOTE: All pre-requisites for the courses below must be completed before taking PSIO coursework.

1. Anatomy & Physiology I & II

Not Satisfied: Complete 8 units.

- **Units:** 8.00 required, 0.00 completed, 8.00 needed
Courses Available

PSIO 201, PSIO 202

2. Biochemistry

Not Satisfied: Complete 1 course

- Courses: 1.00 required, 0.00 completed, 1.00 needed

Courses Available

BIOC 384, BIOC 385

3. Core Course I

Not Satisfied: Complete 1 course.

NOTE: Student must earn a grade of "C" or better in PSIO201 & PSIO202 before taking upper-division PSIO courses

- Courses: 1.00 required, 0.00 completed, 1.00 needed

Courses Available

PSIO 303

4. Core Course II

Not Satisfied: Complete 1 course.

NOTE: Student must earn a grade of "C" or better in PSIO201 & PSIO202 before taking upper-division PSIO courses

- Courses: 1.00 required, 0.00 completed, 1.00 needed

Courses Available

PSIO 305

5. Additional Courses

Not Satisfied: Complete 9 units. A maximum of one non-PSIO course may be taken in the major. A maximum of one course
may be taken from PSIO 415 and PSIO 497A.

- Units: 9.00 required, 0.00 completed, 9.00 needed

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**Courses Available**

ACBS 312, ANTH 265, ANTH 395D, BME 484, CMM 401, CMM 410, CMM 484, ECOL 320, ECOL 409, MCB 304, MCB 305, MCB 325, MCB 404, MCB 407, MCB 410, MCB 411, MCB 484, MIC 205A, MIC 205L, NROS 307, NROS 308, PHYS 440, PHYS 484, PHYS 495, PSIO 404, PSIO 411, PSIO 415, PSIO 420, PSIO 425, PSIO 426, PSIO 431, PSIO 450, PSIO 465, PSIO 467, PSIO 469, PSIO 472, PSIO 484, PSIO 485, PSIO 487, PSIO 489, PSIO 497A

6. Remaining Units

**Not Satisfied:** Complete 4 units.

See advisor if selecting PSIO399 or PSIO499. A maximum of one non-PSIO course may be taken in the major. A maximum of one course may be taken from PSIO 415 and PSIO 497A.

- Units: 4.00 required, 0.00 completed, 4.00 needed

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**Courses Available**


**Physiology Graduation Requirements**

**Overall Requirement Not Satisfied:** Physiology 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 Units**

- **Not Satisfied:** A minimum of 30 units must be completed in the major.

  - **Units:** 30.00 required, 0.00 completed, 30.00 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 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

Major Upper Division

Not Satisfied: A minimum of 19 units of upper-division major coursework must be completed.

- Units: 19.00 required, 0.00 completed, 19.00 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.