

BACHELOR OF SCIENCE IN HEALTH SCIENCES (BSHS) – PHYSIOLOGY AND MEDICAL SCIENCES

For students entering in the 2020-2021 academic year

Schedule an advising appointment online: <https://ua-trellis.force.com/uastudent/s/>
or by phone at 520-621-4850 or 520-621-2785

UNIVERSITY REQUIREMENTS

University Composition Requirement (3-6 units)
 ENGL 101 First-Year Composition 3 _____
 ENGL 102 First-Year Composition* 3 _____
 OR ENGL 109H First-Year Composition Honors* 3 _____

Mathematics Requirements – 2 courses required (6-8 units)

1) Calculus I
 MATH 122a and MATH 122b 1/4 _____
 OR MATH 119A 4 _____
 OR MATH 125 3 _____

2) Calculus II or Biostatistics
 MATH 129 3 _____
 OR MATH 263 or BIOS 376 or ECOL 379 3 _____

Second Language (0-8 units)

Complete one of the following:
 A) Complete courses through 2nd semester level
 B) Pass a language proficiency exam at 2nd semester level

General Education

Tier I (12 units)
 A) Individuals & Society (150a/b/c)
 _____ 3 _____
 _____ 3 _____

B) Traditions & Cultures (160a/b/c/d)
 _____ 3 _____
 _____ 3 _____

Tier II (9 units)
 A) Individuals & Societies
 _____ 3 _____
 B) Arts
 _____ 3 _____
 C) Humanities
 _____ 3 _____

Diversity Emphasis Course _____ 3 _____
 *Mid-Career Writing Assessment
 Satisfied by a grade of A or B in ENGL 102 or 109H _____

SCIENCE REQUIREMENTS (35 units)

CHEM 151 General Chemistry I 4 _____
 CHEM 152 General Chemistry II 4 _____
 CHEM 241a Organic Chemistry I Lecture 3 _____
 CHEM 243a Organic Chemistry I Lab 1 _____
 CHEM 241b Organic Chemistry II Lecture 3 _____
 CHEM 243b Organic Chemistry II Lab 1 _____
 MCB 181R Introductory Biology I Lecture 3 _____
 MCB 181L Introductory Biology I Lab 1 _____
 ECOL 182R Introductory Biology II Lecture 3 _____
 ECOL 182L Introductory Biology II Lab 1 _____
 PHYS 102 Introductory Physics I Lecture 3 _____
 PHYS 181 Introductory Physics I Lab 1 _____
 PHYS 103 Introductory Physics II Lecture 3 _____
 PHYS 182 Introductory Physics II Lab 1 _____
 BIOC 384 Foundations in Biochemistry
 OR BIOC 385 Metabolic Biochemistry 3 _____

PHYSIOLOGY AND MEDICAL SCIENCES MAJOR (36 units total)

Required Courses (14 Units)
 PSIO 201 Human Anatomy & Physio I (F, S, SSI) 4 _____
 PSIO 202 Human Anatomy & Physio II (F, S, SSII) 4 _____
 PSIO 303 Integrative Cellular Physio (F only) 3 _____
 PSIO 305 Integrative System Physio (S only) 3 _____

*Students must complete PSIO 201 (with a C or better),
and PSIO 202 (with a C or better) before being eligible to enroll
in any 300 and 400-level PSIO courses

Major Electives (22 units total)
 Complete 15 units from list A and 7 additional units from lists A, B, or C

List A (minimum of five courses from this list) (15 units)

PSIO 101, PSIO 404, PSIO 411, PSIO 420, PSIO 425,
 PSIO 426, PSIO 427, PSIO 429, PSIO 431, PSIO 441,
 PSIO 442, PSIO 450 PSIO 452, PSIO 465, PSIO 467,
 PSIO 469, PSIO 472 PSIO 484, PSIO 485, PSIO 487,
 PSIO 489

_____ 3 _____
 _____ 3 _____
 _____ 3 _____
 _____ 3 _____
 _____ 3 _____

List B

CMM 401, CMM 410, CMM 465, IMB 401,
 PATH 415, PATH 416, PHCL 412, PHCL 422, PHCL 442,
 _____ 3-4 _____
 _____ 3-4 _____
 _____ 3-4 _____

List C

PSIO 195, PSIO 295H, PSIO 295R, PSIO 391/391H, PSIO 393,
 PSIO 395A, PSIO 395B PSIO 399/399H/499/499H, PSIO 492,
 PSIO 495H, PSIO 495M, PSIO 495S, PSIO 495T, PSIO 496R,
 PSIO 498H, ANTH 324, BME 477, ECOL 320, MCB 304, MCB 305,
 MCB 325, MCB 410, MCB 411, NROS 310, NROS 430, NSC 308,
 NSC 445, NURS 350, NURS 39, PCOL 320, PCOL 434
 _____ 1-4 _____
 _____ 1-4 _____
 _____ 1-4 _____

Total Units for degree: 120 units

Required: Minimum of 42 units of upper-division credit (all courses numbered 300-499). The major coursework could provide 23 of these units; however, the remaining 19 units are up to the student through Tier 2 courses, optional minor, or general elective courses.

Note: Required courses may not be taken for Pass/Fail; however, exceptions are: PSIO 391, 399, and 499.

Required to apply to advanced standing

Units

UD

GPA