

Academic Map: Exercise Science, Pre-Athletic Training

Department: Exercise and Sport Science **Degree:** BS¹
Program/Major: Exercise Science
Track/Emphasis: Pre-Athletic Training
Does this program require a minor? (Yes/No) No

Important program information in the online *Undergraduate Bulletin*:

UCA Core Requirements: <https://uca.edu/ubulletin/general-policies-information/uca-core/>
LD UCA Core Check Sheet: <https://uca.edu/academicbulletins/ld-uca-core/>
UD UCA Core Course List: <https://uca.edu/academicbulletins/ud-uca-core/>
Degree Requirements: <https://uca.edu/ubulletin/general-policies-information/degree-requirements/>
Program Description: <https://uca.edu/ubulletin/colleges-departments/ch/exss/>
Course Descriptions: <https://uca.edu/ubulletin/courses/>

This degree program requires a total of 120 semester credit hours, including at least 40 upper-division credit hours.

Comparable courses in the Arkansas Course Transfer System (ACTS) are cross-referenced in the ACTS column of each semester block below; a [core link](https://uca.edu/academicbulletins/ld-uca-core/) (https://uca.edu/academicbulletins/ld-uca-core/) takes the user to the *Undergraduate Bulletin's* Lower-Division (LD) UCA Core check sheet, where UCA Core options and ACTS course numbers are listed in full; an [acts link](#) takes the user to the *Undergraduate Bulletin's* ACTS page (https://uca.edu/academicbulletins/acts/) for additional information and a UCA-ACTS crosswalk.

Scholarship recipients: Please be aware of eligibility criteria for your scholarship(s). In particular, pay attention to (1) the enrollment requirements each semester for disbursement of your scholarship(s) and (2) the number of hours and GPA required each semester and/or year for renewal of your scholarship(s). Some Academic Maps may suggest enrollment in fewer hours than required for disbursement of your scholarship(s). In such cases, work with your academic advisor to adjust your schedule to meet requirements most efficiently. Contact the Office of Student Financial Aid at (501) 450-3140 with any questions regarding enrollment/renewal requirements of your scholarship(s). For online information resources, see endnote 2.

Year 1

Fall – Semester 1 (Credit hours: 16)

SUBJ	NUM	TITLE	SCH	ACTS
WRTG	1310	Introduction to College Writing (LD UCA Core: Writing Foundation)	3	ENGL1013
EXSS	1320	Foundations of Wellness (recommended LD UCA Core: Responsible Living) or Other LD UCA Core	3	core link
BIOL	1400 1440	Exploring Concepts in Biology or Principles of Biology (LD UCA Core: Lab Science) ³	4	BIOL1004 BIOL1014
PSYC	1300	Introduction to Psychology (LD UCA Core: Inquiry/Analysis [SS]) or LD UCA Core: First Year Seminar	3	PSYC 1103 core link
MATH	1390	College Algebra or Approved higher level mathematics course (LD UCA Core: Quantitative)	3	MATH1103 core link

Spring – Semester 2 (Credit hours: 16)

SUBJ	NUM	TITLE	SCH	ACTS
WRTG ENGL	1320 1320	Academic Writing and Research or Interdisciplinary Writing and Research or Other approved alternative (LD UCA Core: Writing/Research)	3	ENGL1023 ENGL1023 core link
COMM	1300	Principles of Communication or Approved alternative (LD UCA Core: Oral Communication)	3	SPCH1003 core link
CHEM	1402 1450	General Chemistry for Health Sciences or College Chemistry I (LD UCA Core: Lab Science) ⁴	4	CHEM1214 CHEM1414
EXSS	1310	Introduction to Exercise Science	3	
PSYC	1300	General Psychology (LD UCA Core: Inquiry/Analysis [SS]) or LD UCA Core First Year Seminar (if not taken Semester 1) ⁵	3	PSYC 1103 core link

Year 2**Fall – Semester 3 (Credit hours: 15)**

SUBJ	NUM	TITLE	SCH	ACTS
		Related Requirement ⁶	4	
EXSS	2340	Motor Development and Learning	3	
EXSS	2381	Anatomical Kinesiology	3	
HLTH	2201	First Aid	2	
		LD UCA Core ⁵	3	core link

Spring – Semester 4 (Credit hours: 15)

SUBJ	NUM	TITLE	SCH	ACTS
		Related Requirement ⁶	4	
NUTR	1300	Foundations of Nutrition	3	
EXSS	3215	Athletic Training Profession	2	
PSYC	3321 4328 3322	Developmental Psychology or Sports Psychology or Abnormal Psychology	3	
		LD UCA Core ⁵	3	core link

Year 3**Fall – Semester 5 (Credit hours: 16)**

SUBJ	NUM	TITLE	SCH	ACTS
EXSS	2320	Fitness Assessments in Exercise Science	3	
EXSS	3303	Exercise Physiology	3	
PHYS	1405 1410	Applied Physics ⁷ or College Physics 1	4	
		LD UCA Core	3	core link
		Nutrition Requirement ⁸	3	

Spring – Semester 6 (Credit hours: 15)

SUBJ	NUM	TITLE	SCH	ACTS
EXSS	4395	Sport in American Society (UD UCA Core: D)	3	
EXSS	3350	Obesity Prevention and Management	3	
EXSS	3382	Biomechanics (UD UCA Core: I)	3	

SUBJ	NUM	TITLE	SCH	ACTS
EXSS	3348	Exercise Prescription for General Populations (UD UCA Core: R)	3	
EXSS	3331	Care and Prevention of Exercise and Sport Injuries	3	

Year 4**Fall – Semester 7 (Credit hours: 15)**

SUBJ	NUM	TITLE	SCH	ACTS
EXSS	3352	Exercise Prescription for Special Populations	3	
EXSS	4351	Sport and Fitness Administration (UD UCA Core: C)	3	
EXSS	4376	Exercise Prescription for Athletic Populations	3	
		Statistics Requirement ⁹	3	
BIOL	4351	General Pharmacology ¹⁰	3	

Spring – Semester 8 (Credit hours: 12)

SUBJ	NUM	TITLE	SCH	ACTS
EXSS	3353	Exercise Prescription for Senior Populations	3	
EXSS	4320	Measurement and Evaluation in Human Performance (UD UCA Core: Z)	3	
BIOL	4311	Pathophysiology ¹¹	3	
EXSS	4V99	Internship in Exercise Science ¹²	3	

SIGNED – DEPARTMENT CHAIR

DATE

SIGNED – COLLEGE DEAN

DATE

To be completed by the advisor when an Eight-Semester Plan is accepted by the student:

If applicable, has student selected a minor? Type “x” as appropriate. _____ No _____ Yes

If “yes,” specify: _____

Notes

¹ A major grade point average of 2.0 or higher on a 4.0 scale is required to complete the Bachelor of Science in Exercise Science with a Pre-Athletic Training concentration. This degree serves as a pre-professional plan (contains the prerequisite course requirements) for admission to the graduate level Athletic Training Program which has competitive and selective admission. A cumulative GPA of at least 2.70 on 4.00 scale or at least a 3.00 GPA on a 4.00 scale on the last 60 hours of course work is necessary to apply for the Master of Science in Athletic Training. Students will need to graduate from an accredited graduate level Athletic Training Program to be eligible to sit for the Board of Certification examination for the Athletic Trainer and become licensed to practice in the state of Arkansas as an athletic trainer.

² See online information resources for UCA scholarships at <https://uca.edu/scholarships/> and for state scholarships at <https://scholarships.adhe.edu/scholarships-and-programs/a-z/>.

³ Must be animal biology, not botany. **Note:** BIOL 1440 requires the following prerequisites: High School chemistry or CHEM 1301 (or above) and a composite ACT score of 21 or higher OR BIOL 1400 and CHEM 1301 (or above), both with a grade of C or higher. Students not meeting the prerequisite requirements must have permission of the Biology department chair prior to enrollment.

Notes – *continued*

⁴ CHEM 1402 and 1450 require the following prerequisites: ACT mathematics score of at least 21 or corequisite/prerequisite of MATH 1390. It is recommended that students have taken and passed high school chemistry or have completed CHEM 1301 with a C or better.

⁵ Students must complete two Humanities (HUM) or Fine Arts (FA) courses as part of the lower-division UCA Core, one from the Diversity category and the other from the Critical Inquiry, Fine Arts/Humanities category. Note that the following humanities courses have prerequisites: CHIN 2320 Intermediate Chinese II, FREN 2320 Intermediate French II, GERM 2320 Intermediate German II, SPAN 2320 Intermediate Spanish III. In addition to PSYC 1300 General Psychology, students must complete an additional Social Science course (designated SS) in the Diversity category of the LD UCA Core. Students in consultation with their advisor should refer to the current *Undergraduate Bulletin* and the lower-division UCA Core check sheet in selecting an appropriate SS course.

⁶ Students must complete a sequence of Human Anatomy and Physiology courses: BIOL 1410 and 2410 or BIOL 3406 and 3407.

⁷ PHYS 1405 is an acceptable substitution for PHYS 1410 and is offered in the spring semesters.

⁸ Students select one of the following courses to satisfy the nutrition requirement: NUTR 3370 or NUTR 4315. It is recommended that students in the Pre-Athletic Training concentration complete NUTR 4315.

⁹ Students select one of the following courses to satisfy the statistics requirement: MATH 2311, PSYC 2330, or SOC 2321.

¹⁰ BIOL 4351 requires one of the following as a prerequisite: BIOL 2405, BIOL 2410, BIOL 3407, or BIOL 4460.

¹¹ BIOL 4311 requires one of the following as a prerequisite: BIOL 2405, BIOL 2410, BIOL 3407, or BIOL 4460.

¹² Students must contact the Internship Coordinator one full semester before their internship. Information is on the Exercise and Sport Science website.