

Central Connecticut State University
College of Health and Rehabilitation Sciences

Degree: Bachelor of Science
Program: Exercise Science with Specialization in Clinical Exercise Physiology
Effective Term: Fall 2025

Name: _____

ID#: _____

General Education: Ways of Understanding:

Arts & Humanities (9 credits)

	Credits	Grade
Literature (L)	3	
	3	
	3	

Social & Behavioral Sciences (12 credits)

History	3	
PSY 112 Introduction to Psychology	X	
PSY 136 Life-Span Development	X	
	3	

Math & Natural Sciences (9-10 credits)

STAT 104 or STAT 200 or STAT 215	X	
CHEM 161 General Chemistry	X	
PHYS 111 Introductory Physics or PHYS 121	X	

General Education: Essential Skills:

Written & Oral Communication (6 credits)

WRT 105 & WRT 105P or WRT 110 Freshman Comp.	3	
	3	

World Language (0-6 credits) or Gen Ed Free Elective (3 credits)

World Language course numbered 112 or 118* or Gen Ed Free Elective.	3	
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Thriving in College (2-3 credits)

CCSU 102, CCSU 103, or FYE course** or 3 credit Gen Ed Elective for transfer students with 24 or more credits at the time of admission.	2-3	
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International & Equity, Justice, & Inclusion (EJI) Requirements:

International (I) Requirement		
International (I) Requirement		
Equity, Justice & Inclusion Requirement***		

Coursework applied toward International & EJI requirements may be used in any other area of general education or program requirements.

Residency Requirements: A minimum of 30 credits overall must be completed in residence, with at least 15 credits in the major (at least 12 of which must be at the 300 level or above) and 9 credits in a minor at Central. In residence means attending classes conducted on campus or under supervision of Central.

Is a Minor Required with this Major?

Yes No

Exercise Science Major (70 credits)

Core Courses (56 credits)

	Credits	Grade
EXS 109 Introduction to Human Performance	3	
EXS 207 Anatomy & Physiology in Exercise Science I	3	
EXS 211 Anatomy & Physiology in Exs I Lab	1	
EXS 208 Anatomy & Physiology in Exercise Science II	3	
EXS 212 Anatomy and Physiology in Exs II Lab	1	
EXS 215 Physio & Human Performance of Aging	3	
EXS 216 Biomechanics	3	
EXS 301 Applied Kinesiology	3	
EXS 307 Human Nutrition	3	
EXS 325 Organization and Mgt in Exercise Science	3	
EXS 332 Psych Aspects of Exs & Sport Medicine	3	
*EXS 408 Physiology of Sport and Exercise	3	
EXS 411 Research Methods in Exercise Science	3	
*EXS 415 Fitness Assessment & Exs Prescription	3	
*EXS 409 Clinical Exercise Physiology	3	
EXS 417 Prevention and Care in Sports Medicine	3	
*EXS 421 Pharmacology in Sports Medicine	3	
*EXS 450 Practicum in Exercise Science	3	
*EXS 470 Internship in Exercise Science	6	

Clinical Exercise Physiology Specialization (14 credits)

EXS 280 Leadership and Group Exercise	3	
EXS 405 Exercise and Sport Nutrition	3	
*EXS 416 Graded Exercise Testing	3	
BMS 102 Introduction to Biomolecular Science	3	
BMS 103 Intro to Biomolecular Science Laboratory	1	
CHEM 162 General Chemistry Laboratory	1	

*Formal admission to the Exercise Science Program is required before taking this course; Grade of C or better required

Related Requirements (15-16 credits) Requires a C- or better

PSY 112 Introduction to Psychology	3	
PSY 136 Life-Span Development	3	
CHEM 161 General Chemistry	3	
PHYS 111 Introductory Physics or PHYS 121	3-4	
STAT 104 or STAT 200 or STAT 215	3	

Free Electives: Free Electives may be used, as needed, to reach the total credits required for the degree when all other degree requirements have been met.

Total Credits Required for Degree: 120

* Students with 3 years, or more, of one world language at the high school level, a passing score on a world language placement exam, or native proficiency in a language other than English will have the World Language requirement waived and can satisfy this requirement with any general education free elective course (3cr).

** Transfer students with 24 or more transfer credits at the time of admission can satisfy this requirement with any general education free elective (3cr).

*** Waived for transfer students with 50 or more transfer credits at the time of admission.