

# Exercise Physiology / Cardiac Rehab Pathway

- This pathway prepares students to sit for certification exams through the American College of Sports Medicine (ACSM). Specifically, this pathway encourages students to pursue the highest certification of Clinical Exercise Physiologist (ACSM-CEP).
- Also, it is highly recommended that students consider applying to the UTEP Masters of Science in Kinesiology Fast Track program. Although there are lots of courses in exercise physiology and cardiac rehabilitation in the Kinesiology undergraduate curriculum, most of the “hands on” opportunities at clinical sites are found in the graduate program's curriculum
- [List of ACSM Certification programs](#)
- [Clinical Exercise Physiologist Information](#)
- [UTEP Bachelors/Masters Fast Track Program Application](#)

# Requirements for Certified Clinical Exercise Physiologist

Minimum requirements for the clinical exercise physiologist is comprised of academic preparation and hands-on clinical experience.

**To be eligible to take the exam, candidates must possess the following:**

- Master's degree in Clinical Exercise Physiology or equivalent and 600 hours of hands-on clinical experience

OR

- Bachelor's degree in Exercise Science, Exercise Physiology, or equivalent and 1,200 hours of hands-on clinical experience

- [Full list of requirements](#)

## **The purpose of this degree plan example is to:**

- Suggest specialized KIN elective courses that will best prepare you as a future exercise physiologist
- Highlight important things you should consider at unique time points in your academic journey
- Provide you with the most time efficient order to take the classes in

## Fall Semester I

<b>Course Number</b>	<b>Course Title</b>	<b>Hrs.</b>
BIOL 1305	General Biology	3
BIOL 1107	Topics in Study of Life	1
KIN 1303	Foundations of Kinesiology	3
RWS 1301	Rhetoric and Composition 1	3
Math 1508	Precalculus	3
UNIV 1301	Critical Inquiry	3
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## Spring Semester I

<b>Course Number</b>	<b>Course Title</b>	<b>Hrs.</b>
BIOL 2311	Human Anat.& Phys. I	3
BIOL 2111	Human Anat.& Phys. I Lab	1
PSYC 1303	Statistical Methods	3
HIST 1301	History of the US to 1865	3
RWS 1302	Rhetoric & Composition 2	3
HSCI 2302	Fundamentals of Nutrition	3
		16

## Fall Semester II

<b>Course Number</b>	<b>Course Title</b>	<b>Hrs.</b>
BIOL 2113	Human Anat.&Phys. II	3
BIOL 2313	Human Anat.&Phys. II Lab	1
KIN 3303	Hist, Socio, Phil of Sport & PA	3
PHYS 1403	General Physics I	4
PSYC 1301	Introduction to Psychology	3
		14

## Spring Semester II

<b>Course Number</b>	<b>Course Title</b>	<b>Hrs.</b>
COMM 1301	Public Speaking	3
BIOL 1306	Organismal Biology	3
BIOL 1108	Organismal Biology Lab	1
HIST 1302	History of the US Since 1865	3
KIN 3313	Assessment & Evaluation	3
KIN 3331	Anatomical KIN	3
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## Fall Semester III

<b>Course Number</b>	<b>Course Title</b>	<b>Hrs.</b>
CHEM 1305	General Chemistry I	3
CHEM 1105	General Chemistry Lab I	1
KIN 3332	Motor Behavior	3
KIN 4312	Exercise Physiology	3
POLS 2310	Introduction to Politics	3
PHIL 2306	Ethics	3
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## Spring Semester III

Course Number	Course Title	Hrs.
CHEM 1306	General Chemistry II	3
CHEM 1106	General Chemistry Lab II	1
POLS 2311	American Government & Politics	3
KIN 4334	Coronary Intervention	3
DANC 1304	Dance Appreciation	3
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*\*If interested, this would be the semester you apply for the BS/MS fast track program*

## Fall Semester IV

Course Number	Course Title	Hrs.
PHYS 1404	General Physics II	4
CLSC 3150	Medical Terminology	1
KIN 4331	Clinical Exercise Physiology	3
KIN 4301	Personal Training	3
KIN 4314	Special Populations	3
		14

## Fall Semester IV (Fast Track)

Course Number	Course Title	Hrs.
PHYS 1404	General Physics II	4
CLSC 3150	Medical Terminology	1
KIN 5368	Coronary Intervention (Graduate Level)	3
KIN 4301	Personal Training	3
KIN 5372	Advanced Exercise Physiology	3
		14

## Spring Semester IV

Course Number	Course Title	Hrs.
KIN 4313	Biomechanics	3
KIN 4340	Scientific Principles & Practical Applications of of S&C	3
	KIN Elective	3
	General Elective	3
	General Elective	3
		15

## Spring Semester IV (Fast Track)

Course Number	Course Title	Hrs.
KIN 4313	Biomechanics	3
KIN 4340	Scientific Principles & Practical Applications of of S&C	3
KIN 5381	Muscular Physiology & Health	3
KIN 4301	Personal Training	3
KIN 5372	Advanced Exercise Physiology	3
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