

Program Revision Request:

MS in Exercise Physiology

Request:

Change the following courses from Required to Elective

KSR 5130

KSR 5225

Rationale:

The current array of required courses limits flexibility for students in the one-year program and also complicates the upcoming accelerated MS in exercise physiology.

APPROVALS

DATE APPROVED BY DEPARTMENT CURRICULUM COMMITTEE: March 8, 2022

DATE APPROVED BY CHHS CURRICULUM COMMITTEE: March 28, 2022

DATE APPROVED BY CGS:

Current Catalog Copy

Degree Requirements

Degree requirements include those outlined for the master's degree by the Graduate School (see ["Requirements for the Master's Degree"](#)).

Curriculum for the Master of Science in Exercise Physiology

Total
Credits: 34

Required Courses

Credits: 24

- [KSR 5000 - Research Methods in Kinesiology, Sport, and Recreation](#) Credits: 3
- [KSR 5005 - Literature Review in Kinesiology and Sports Studies](#) Credits: 3
- [KSR 5130 - Exercise Psychology](#) Credits: 3
- [KSR 5225 - Physical Activity and Aging](#) Credits: 3
- [KSR 5260 - Cardiopulmonary Exercise Physiology](#) Credits: 3
- [KSR 5270 - Neuromuscular Exercise Physiology](#) Credits: 3
- [KSR 5280 - Exercise Metabolism Body Composition](#) Credits: 3
- [KSR 5450 - Supervisory Experiences in Adult Fitness](#) Credits: 3

Electives

Credits: 9

Choose from the following courses:

- [KSR 5170 - Sport Physiology for Coaches](#) Credits: 3
- [KSR 5250 - Exercise Electrocardiography](#) Credits: 3
- [KSR 5860 - Advanced Biomechanics of Resistance Training](#) Credits: 3
- [KSR 5640 - Graded Exercise Testing and Exercise Prescription for the Apparently Healthy and the Cardiac Patient](#) Credits: 3
- [KSR 5655 - Supervisory Experience in Cardiac Rehabilitation](#) Credits: 3
- [KSR 5950 - Thesis](#) Credits: 3 or 6
- [KSR 5980 - Internship in Sports Administration](#) Credits: 3
- [KSR 5990 - Independent Study](#) Credits: 1 to 6

Degree Requirements

Degree requirements include those outlined for the master's degree by the Graduate School (see "[Requirements for the Master's Degree](#)").

Curriculum for the Master of Science in Exercise Physiology

Total Credits: 34

Required Courses

Credits: ~~25~~ 19

- KSR ~~5005~~ 5050 - Literature Review in Kinesiology and Sports Studies Credits: 3
- KSR ~~5006~~ 5055 - Research Methods in Kinesiology, Sport, and Recreation
- Credits: 3
- ~~KSR 5130 – Exercise Psychology Credits: 3~~
- ~~KSR 5225 – Physical Activity and Aging Credits: 3~~
- KSR 5260 - Cardiopulmonary Exercise Physiology Credits: 3
- KSR 5270 - Neuromuscular Exercise Physiology Credits: 3
- KSR 5280 - Exercise Metabolism Body Composition Credits: 3
- KSR 5450 – Advanced Exercise Programming and Leadership. Credits: 4

Electives

Credits: ~~9~~ 15

Choose from the following courses:

- ~~KSR 5130 – Exercise Psychology: 3~~
- ~~KSR 5225 – Physical Activity and Aging: 3~~
- KSR 5250 - Exercise Electrocardiography Credits: 3
- KSR 5760 – Human Movement Dysfunction and Corrective Exercise Program Design. Credits: 3
- KSR 5860 - Advanced Biomechanics of Resistance Training Credits: 3
- KSR 5640 - Graded Exercise Testing and Exercise Prescription for the Apparently Healthy and the Cardiac Patient. Credits: 3
- KSR 5655 - Supervisory Experience in Cardiac Rehabilitation. Credits: 3
- KSR 5950 - Thesis. Credits: 3 or 6
- KSR 5980 - Internship in Sports Administration. Credits: 3
- ~~KSR 5990 - Independent Study Credits: 1 to 6~~

Degree Requirements

Degree requirements include those outlined for the master's degree by the Graduate School (see ["Requirements for the Master's Degree"](#)).

Curriculum for the Master of Science in Exercise Physiology

Total Credits: 34

Required Courses

Credits: **19**

- KSR 5050 - Literature Review in Kinesiology and Sports Studies Credits: 3
- KSR 5055 - Research Methods in Kinesiology, Sport, and Recreation Credits: 3
- KSR 5260 - Cardiopulmonary Exercise Physiology Credits: 3
- KSR 5270 - Neuromuscular Exercise Physiology Credits: 3
- KSR 5280 - Exercise Metabolism Body Composition Credits: 3
- KSR 5450 - Advanced Exercise Programming and Leadership. Credits: 4

Electives

Credits: **15**

Choose from the following courses:

- KSR 5130 - Exercise Psychology: 3
- KSR 5225 - Physical Activity and Aging: 3
- KSR 5250 - Exercise Electrocardiography Credits: 3
- KSR 5760 - Human Movement Dysfunction and Corrective Exercise Program Design. Credits: 3
- KSR 5860 - Advanced Biomechanics of Resistance Training Credits: 3
- KSR 5640 - Graded Exercise Testing and Exercise Prescription for the Apparently Healthy and the Cardiac Patient. Credits: 3
- KSR 5655 - Supervisory Experience in Cardiac Rehabilitation. Credits: 3
- KSR 5950 - Thesis. Credits: 3 or 6
- KSR 5980 - Internship in Sports Administration. Credits: 3
- KSR 5990 - Independent Study Credits: 1 to 6