

Program Revision Request:

MS in Exercise Physiology

Request:

Change total credits required to 34.

Update KSR 5450 course title and credits earned.

Remove elective KSR 5170 – Sport Physiology for Coaches. Credits: 3

Add elective KSR 5760 – Human Movement Dysfunction and Corrective Exercise Program Design. Credits: 3

Rationale:

KSR 5450 received CGS approval as a 4-credit course in SP21.

KSR 5170 has not been delivered for many years and will never be delivered again.

KSR 5760 was created to meet increasing demand for specialized strength and conditioning content.

APPROVALS

DATE APPROVED BY DEPARTMENT: October 25, 2021

DATE APPROVED BY CHHS CURRICULUM COMMITTEE: November 11, 2021

DATE APPROVED BY CGS:

Exercise Physiology

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: ~~33~~ 34

Required Courses

Credits: ~~24~~ 25

- 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~~
- **KSR 5450 – Advanced Exercise Programming and Leadership. Credits: 4**

Electives

Credits: 9

Choose from the following courses:

- ~~KSR 5170 - [Sport Physiology for Coaches](#) Credits: 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~~