Date Submitted: 10/21/19 9:11 am

Viewing: **EXSCMS KINSMS**: Exercise Science, Kinesiology, Master of Science

Last approved: 10/30/17 10:07 am
Last edit: 10/29/19 5:30 pm
Changes proposed by: pcallej

Submitter: User ID: **pcallej crsleaf1** Phone: **575-2854 575-6731**

Program Status: Active
Academic Level: Graduate
Type of proposal: Major/Field of Study

Select a reason for this modification
Reconfiguring an Existing Degree—(LON)

Are you adding a concentration?
No

Are you adding or modifying a track?
No

Are you adding or modifying a focused study?
No

Effective Catalog Year: Fall 2020

College/School Code: College of Education and Health Professions (EDUC)

Department Code: Department of Health, Human Performance and Recreation (HHPR)

In Workflow
1. EDUC Dean Initial
2. GRAD Dean Initial
3. Provost Initial
4. Director of Program Assessment and Review
5. Registrar Initial
6. Institutional Research
7. HHPR Chair
8. EDUC Curriculum Committee
9. EDUC Faculty
10. EDUC Dean
11. Global Campus
12. Provost Review
13. University Course and Program Committee
14. Graduate Committee
15. Faculty Senate
16. Provost Final
17. Provost's Office--Documentation sent to System Office
18. Higher Learning Commission
19. Board of Trustees
20. ADHE Final
21. Provost's Office--Notification of Approval
22. Registrar Final
23. Catalog Editor Final
<table>
<thead>
<tr>
<th>Program Code</th>
<th>KINMS</th>
<th>EXSCMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Degree</td>
<td>Master of Science</td>
<td></td>
</tr>
</tbody>
</table>

**Approval Path**

1. 12/14/18 10:10 am
   Ketevan
   Mamiseishvili (kmamisei): Approved for EDUC
   Dean Initial

2. 12/14/18 10:17 am
   Pat Koski (pkoski): Rollback to Initiator

3. 10/21/19 10:19 am
   Ketevan
   Mamiseishvili (kmamisei): Approved for EDUC
   Dean Initial

4. 10/21/19 10:59 am
   Pat Koski (pkoski): Approved for GRAD
   Dean Initial

5. 10/26/19 5:18 pm
   Terry Martin (tmartin): Approved for Provost Initial

6. 10/29/19 5:32 pm
   Alice Griffin (agriffin): Approved for Director of Program Assessment and Review

7. 10/30/19 12:36 pm
   Lisa Kulczak (lkulcza): Approved for Registrar Initial

8. 10/30/19 1:00 pm
   Gary Gunderman (ggunderm): Approved for
9. 10/30/19 3:42 pm
Matthew Ganio (msganio):
Approved for HHPR Chair

10. 10/30/19 3:50 pm
Ketevan Mamiseishvili (kmamisei):
Approved for EDUC Curriculum Committee

11. 10/30/19 3:51 pm
Ketevan Mamiseishvili (kmamisei):
Approved for EDUC Faculty

12. 10/30/19 3:51 pm
Ketevan Mamiseishvili (kmamisei):
Approved for EDUC Dean

13. 10/30/19 4:12 pm
Suzanne Kenner (skenner): Approved for Global Campus

14. 11/06/19 8:06 am
Terry Martin (tmartin): Approved for Provost Review

History
1. Aug 15, 2014 by Leepfrog Administrator (clhelp)
31.0505 - Kinesiology and Exercise Science.

Program Title

Exercise Science, Kinesiology, Master of Science

Program Delivery

Method

On Campus

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

No

What are the total hours needed to complete the program?

33

Program Requirements and Description

Requirements

Prerequisites to Degree Program: For acceptance to the master’s degree programs, the program area requires, in addition to the general requirements for admission to the Graduate School, an undergraduate degree in kinesiology or in a related field and the following admission standards: an overall undergraduate GPA of 3.00 or if the overall undergraduate GPA is between 2.70 and 2.99, the student must have a 3.00 GPA on the last 60 hours of undergraduate course work (excluding student teaching), or a GRE score of 290 or higher on the verbal and quantitative parts of the general test. Students must submit a CV/Resume, statement of purpose, and the names and contact information for three references.

Requirements for the Master of Science Degree: Candidates for the M.S. degree in Exercise Science, kinesiology with a concentration in either adapted movement science or exercise science must complete 27 semester hours
of graduate work and a thesis *(6 credit hours) or** or 33 semester hours without a thesis. A graduate GPA of 3.0 or better is required for graduation. In addition, all degree candidates must successfully complete a written comprehensive examination.

Students should also be aware of Graduate School requirements with regard to **master's degrees**.

### Required Research Component (6 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ESRM 5393</td>
<td>Statistics in Education and Health Professions</td>
<td>3</td>
</tr>
<tr>
<td>HHPR 5353</td>
<td>Research in Health, Human Performance and Recreation</td>
<td>3</td>
</tr>
</tbody>
</table>

### Required Core Courses (9 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXSC 5323</td>
<td>Biomechanics I</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 5513</td>
<td>Physiology Exercise I</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 5593</td>
<td>Practicum in Laboratory Instrumentation</td>
<td>3</td>
</tr>
</tbody>
</table>

### Required Project or Thesis (3-6 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 589V</td>
<td>Independent Research</td>
<td>1-3</td>
</tr>
<tr>
<td>KINS 600V</td>
<td>Master's Thesis</td>
<td>1-6</td>
</tr>
</tbody>
</table>

### Approved Electives (12-15 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXSC 5333</td>
<td>Instrumentation in Biomechanics</td>
<td></td>
</tr>
<tr>
<td>EXSC 5353</td>
<td>Exercise Psychology</td>
<td></td>
</tr>
<tr>
<td>EXSC 5443</td>
<td>Seminar in Brain Injury and Behavior</td>
<td></td>
</tr>
<tr>
<td>EXSC 5523</td>
<td>Muscle Metabolism in Exercise</td>
<td></td>
</tr>
<tr>
<td>EXSC 5533</td>
<td>Cardiac Rehabilitation Program</td>
<td></td>
</tr>
<tr>
<td>EXSC 5543</td>
<td>Cardiovascular Function in Exercise</td>
<td></td>
</tr>
<tr>
<td>EXSC 5613</td>
<td>Physical Dimensions of Aging</td>
<td></td>
</tr>
<tr>
<td>EXSC 5643</td>
<td>Advanced Psychology of Sports Injury and Rehabilitation</td>
<td></td>
</tr>
<tr>
<td>EXSC 5773</td>
<td>Performance and Drugs</td>
<td></td>
</tr>
<tr>
<td>EXSC 6313</td>
<td>Muscle Physiology</td>
<td></td>
</tr>
<tr>
<td>EXSC 6323</td>
<td>Biomechanics II</td>
<td></td>
</tr>
<tr>
<td>EXSC 6343</td>
<td>Physiology of Exercise II</td>
<td></td>
</tr>
<tr>
<td>EXSC 6443</td>
<td>Thermoregulation and Fluid Balance</td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours**: 33

Are Similar Programs available in the area?

No

Estimated Student Demand for Program: NA

Scheduled Program: **2023-2024 NA**

Review Date

Program Goals and Objectives
Program Goals and Objectives

1. To provide advanced experience for the students in exercise science that improves skills related to exercise and for entry-level allied health professions health professions.
2. Prepare students to serve as exercise specialist or sports science consultants.
3. Prepare students interest in research for doctoral work in health or exercise science, aimed to serve Arkansas and beyond.  

Learning Outcomes

1. Students will be able to integrate and problem-solve using management techniques across a variety of different situations in health, fitness and disease.
2. Students will be able to design a research project relative to exercise science.
3. Students will be able to demonstrate their knowledge of the current literature by writing and presenting in EXSC 5513 (Exercise Physiology) and EXSC 5323 (Biomechanics).

Description and justification of the request

<table>
<thead>
<tr>
<th>Description of specific change</th>
<th>Justification for this change</th>
</tr>
</thead>
<tbody>
<tr>
<td>The GRE scores were updated to the most current scale. A CV/Resume, statement of purpose, and three reference names were added to the admission criteria.</td>
<td>The program faculty would like to gather additional information about student background to better identify potential faculty mentors and research interests.</td>
</tr>
<tr>
<td>The KINSMS-EXSC and KINSMS-ADMS concentrations were inactivated and the title for the reconfigured degree was changed to EXSCMS.</td>
<td>There are only two courses that differ between the KINSMS-EXSC concentration and the KINSMS-ADMS concentration. This does not justify having two concentrations.</td>
</tr>
</tbody>
</table>

Upload attachments

- KINSMS-EXSCMS - Reconfiguration - Curriculum.docx
- KINSMS-EXSCMS - Reconfiguration - Ltr of Notification.pdf

Reviewer Comments

**Pat Koski (pkoski) (12/14/18 10:17 am):** Rollback: Would the department consider using percentiles instead of scores, and therefore employ best practices for the use of the GRE? The meaning of an actual score changes at every test administration.

**Alice Griffin (agriffin) (10/29/19 5:17 pm):** Adjusted formatting in program requirements for hours to reflect calculated total hours rather than enter total hours as a comment field.

**Alice Griffin (agriffin) (10/29/19 5:25 pm):** Minor edits to LON and curriculum document. Renamed documentation to match BOT naming convention.

**Alice Griffin (agriffin) (10/29/19 5:26 pm):** College is encouraged to review the Reason for
Proposed Action in the LON. Please explain how this change will better serve your student population or if it will have no effect on their marketability or opportunity for doctoral studies.

Alice Griffin (agriffin) (10/29/19 5:29 pm): Inserted program goals and student learning outcomes from the 2018-2019 assessment report. Department/College is encouraged to review and update as appropriate.

Alice Griffin (agriffin) (10/29/19 5:30 pm): Updated scheduled program review date.