KINESIOLOGY: APPLIED EXERCISE SCIENCE, M.S.

This is a named option in the Kinesiology, M.S. (http://guide.wisc.edu/graduate/kinesiology/kinesiology-ms/) For more information, please see our program website (https://kinesiology.education.wisc.edu/academics/grad-program/).

The Applied Exercise Science named option of the Kinesiology MS is designed to provide broad, graduate-level training in Kinesiology for students who are not necessarily interested in a career doing research in the field. This degree supports and interest in coaching/teaching (team or individual), personal training, or fitness instructions. Students will take graduate-level courses that cover the breadth of the field of Kinesiology and will take additional electives from Kinesiology or from any departments across campus that the students see as fitting their personal educational goals. The degree also supplements the practice of physical therapy, athletic training, other allied health professions, or any individual purpose a student may have. Students can use elective credits, internships, and independent studies to customize their program to meet their needs and future career goals.

ADMISSIONS

Please consult the table below for key information about this degree program’s admissions requirements. The program may have more detailed admissions requirements, which can be found below the table or on the program’s website.

Graduate admissions is a two-step process between academic programs and the Graduate School. Applicants must meet the minimum requirements (https://grad.wisc.edu/apply/requirements/) of the Graduate School as well as the program(s). Once you have researched the graduate program(s) you are interested in, apply online (https://grad.wisc.edu/apply/+).

Requirements  | Detail
--- | ---
Fall Deadline | February 15
Spring Deadline | December 1
Summer Deadline | This program does not admit in the summer.
GRE (Graduate Record Examinations) | Not required.
English Proficiency Test | Every applicant whose native language is not English or whose undergraduate instruction was not in English must provide an English proficiency test score and meet the Graduate School minimum requirements (https://grad.wisc.edu/apply/requirements/#english-proficiency)

Other Test(s) (e.g., GMAT, MCAT) | n/a
Letters of Recommendation Required | 3

Applications may be considered after February 15.

For admission, the Graduate School requires, as does the Kinesiology department, a minimum 3.0 GPA (on a 4.0=A scale) on the last 60 semester hours (or equivalent) of undergraduate coursework. An applicant must submit academic transcripts from each institution attended and a statement of reasons for graduate study. Please consult the kinesiology website (https://kinesiology.education.wisc.edu/grad/about/) for further details of these requirements and procedures.

FUNDING

GRADUATE SCHOOL RESOURCES

Resources to help you afford graduate study might include assistantships, fellowships, traineeships, and financial aid. Further funding information (https://grad.wisc.edu/funding/) is available from the Graduate School. Be sure to check with your program for individual policies and restrictions related to funding.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/#policiesandrequirementstext), in addition to the program requirements listed below.

NAMED OPTION REQUIREMENTS

MODE OF INSTRUCTION

<table>
<thead>
<tr>
<th>Face to Face</th>
<th>Evening/Weekend</th>
<th>Online</th>
<th>Hybrid</th>
<th>Accelerated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Mode of Instruction Definitions

Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students are able to complete a program with minimal disruptions to careers and other commitments.

Evening/Weekend: Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

Face-to-Face: Courses typically meet during weekdays on the UW-Madison Campus.

Hybrid: These programs combine face-to-face and online learning formats. Contact the program for more specific information.

Online: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Credit Requirement</td>
<td>30 credits</td>
</tr>
<tr>
<td>Minimum Residence Credit Requirement</td>
<td>16 credits</td>
</tr>
</tbody>
</table>
Minimum Graduate Coursework Requirement
15 credits must be graduate-level coursework. Details can be found in the Graduate School's Minimum Graduate Coursework (50%) policy (https://policy.wisc.edu/library/UW-1244/https://policy.wisc.edu/library/UW-1244/).

Overall Graduate GPA Requirement
3.00 GPA required. This program follows the Graduate School's policy: https://policy.wisc.edu/library/UW-1203/https://policy.wisc.edu/library/UW-1203/)

Other Grade Requirements
n/a

Assessments and Examinations
Not required.

Language Requirements
No language requirements.

REQUIRED COURSES

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall A (odd years)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KINES 773</td>
<td>Cardiorespiratory Adaptions to Environment and Exercise</td>
<td>3</td>
</tr>
<tr>
<td>KINES 991</td>
<td>Research in Physical Activity-Theory and Design</td>
<td>3</td>
</tr>
<tr>
<td>Spring A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KINES 700</td>
<td>Psychological Effects of Exercise</td>
<td>3</td>
</tr>
<tr>
<td>KINES/POP HLTH 791</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall B (even years)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KINES 618</td>
<td>Biomechanics</td>
<td>2</td>
</tr>
<tr>
<td>KINES 713</td>
<td>Neural Basis of Normal and Pathological Movement</td>
<td>3</td>
</tr>
<tr>
<td>Spring B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KINES 774</td>
<td>Metabolic Responses to Exercise and Environmental Stress</td>
<td>2</td>
</tr>
<tr>
<td>KINES 861</td>
<td>Principles of Motor Control and Learning</td>
<td>3</td>
</tr>
<tr>
<td>Suggested Electives</td>
<td></td>
<td></td>
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<tr>
<td>KINES 350</td>
<td>Introduction to Exercise Psychology</td>
<td></td>
</tr>
<tr>
<td>KINES 521</td>
<td>Physical Activity and Health</td>
<td></td>
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<tr>
<td>KINES/NURSING 523</td>
<td>Clinical Exercise Testing &amp; Training</td>
<td></td>
</tr>
<tr>
<td>KINES 527</td>
<td>Principles of Strength and Conditioning</td>
<td></td>
</tr>
<tr>
<td>KINES 528</td>
<td>Seminar in Strength and Conditioning</td>
<td></td>
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<tr>
<td>KINES 555</td>
<td>Sports Science &amp; Athlete Monitoring</td>
<td></td>
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<tr>
<td>KINES 600</td>
<td>Advanced Exercise Psychology</td>
<td></td>
</tr>
<tr>
<td>KINES 614</td>
<td>Biological Factors Influencing Exercise Performance</td>
<td></td>
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<tr>
<td>KINES 690</td>
<td>Internship in Kinesiology</td>
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<tr>
<td>KINES 721</td>
<td>Neural Basis for Movement</td>
<td></td>
</tr>
<tr>
<td>KINES 779</td>
<td>Human Muscle Function in Health and Disease</td>
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<tr>
<td>KINES 900</td>
<td>Seminar in Kinesiology</td>
<td></td>
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<tr>
<td>NUTR SCI/POP HLTH 621</td>
<td>Introduction to Nutritional Epidemiology</td>
<td></td>
</tr>
</tbody>
</table>

NUTR SCI 625 Advanced Nutrition: Obesity and Diabetes
CURR 744 Perspectives in Multicultural Education
GEN BUS 310 Fundamentals of Accounting and Finance for Non-Business Majors
GEN BUS 311 Fundamentals of Management and Marketing for Non-Business Majors

Total Credits 30

Student chooses, based on personal interests/goals, from this list or any other 300-level or higher numbered courses.

POLICIES

GRADUATE SCHOOL POLICIES
The Graduate School's Academic Policies and Procedures (https://grad.wisc.edu/acadpolicy/) provide essential information regarding general university policies. Program authority to set degree policies beyond the minimum required by the Graduate School lies with the degree program faculty. Policies set by the academic degree program can be found below.

NAMED OPTION-SPECIFIC POLICIES

PRIOR COURSEWORK
Graduate Work from Other Institutions
With program approval, students are allowed to count no more than 15 credits of graduate coursework from other institutions. Coursework earned five or more years prior to admission to a master's degree is not allowed to satisfy requirements.

UW-Madison Undergraduate
No credits from a UW-Madison undergraduate degree are allowed to count toward the degree.

UW-Madison University Special
This program follows the Graduate School's policy for Transfer from UW-Madison University Special Student Career at UW-Madison. (https://policy.wisc.edu/library/UW-1216/)

PROBATION
This program follows the Graduate School's Probation policy. (https://policy.wisc.edu/library/UW-1217/)

ADVISOR/COMMITTEE
This program follows the Graduate School's Advisor policy (https://policy.wisc.edu/library/UW-1232/) and the Graduate School's Committees policy (https://policy.wisc.edu/library/UW-1201/).

The program advisor is the Director of Graduate Studies.

CREDITS PER TERM ALLOWED
15 credits

TIME LIMITS
This program follows the Graduate School's Time Limits policy. (https://policy.wisc.edu/library/UW-1221/)
Within the Department, completion of required courses within two years of matriculation is considered satisfactory progress. See the Graduate Program Handbook link in Contact Information for more information.

**GRIEVANCES AND APPEALS**

These resources may be helpful in addressing your concerns:

- Bias or Hate Reporting ([https://doso.students.wisc.edu/bias-or-hate-reporting/](https://doso.students.wisc.edu/bias-or-hate-reporting/))
- Graduate Assistantship Policies and Procedures ([https://hr.wisc.edu/policies/gapp/#grievance-procedure](https://hr.wisc.edu/policies/gapp/#grievance-procedure))
- Hostile and Intimidating Behavior Policies and Procedures ([https://hr.wisc.edu/hib/](https://hr.wisc.edu/hib/))
  - Office of the Provost for Faculty and Staff Affairs ([https://facstaff.provost.wisc.edu/](https://facstaff.provost.wisc.edu/))
- Dean of Students Office ([https://doso.students.wisc.edu/](https://doso.students.wisc.edu/)) (for all students to seek grievance assistance and support)
- Employee Assistance ([http://www.eao.wisc.edu/](http://www.eao.wisc.edu/)) (for personal counseling and workplace consultation around communication and conflict involving graduate assistants and other employees, post-doctoral students, faculty and staff)
- Employee Disability Resource Office ([https://employeedisabilities.wisc.edu/](https://employeedisabilities.wisc.edu/)) (for qualified employees or applicants with disabilities to have equal employment opportunities)
- Graduate School ([https://grad.wisc.edu/](https://grad.wisc.edu/)) (for informal advice at any level of review and for official appeals of program/departmental or school/college grievance decisions)
- Office of Compliance ([https://compliance.wisc.edu/](https://compliance.wisc.edu/)) (for class harassment and discrimination, including sexual harassment and sexual violence)
- Office of Student Conduct and Community Standards ([https://conduct.students.wisc.edu/](https://conduct.students.wisc.edu/)) (for conflicts involving students)
- Ombuds Office for Faculty and Staff ([http://www.ombuds.wisc.edu/](http://www.ombuds.wisc.edu/)) (for employed graduate students and post-docs, as well as faculty and staff)
- Title IX ([https://compliance.wisc.edu/titleix/](https://compliance.wisc.edu/titleix/)) (for concerns about discrimination)

Any student who feels that they have been treated unfairly by a faculty or staff member has the right to complain about the treatment and to receive a prompt hearing of the grievance, following these grievance procedures. The complaint may concern course grades, classroom treatment, program admission, or other issues. To insure a prompt and fair hearing of any complaint, and to protect both the rights of the student and the person at whom the complaint is directed, the procedures below are used in the School of Education.

The person whom the complaint is directed against must be an employee of the School of Education. Any student or potential student may use these procedures unless the complaint is covered by other campus rules or contracts. The following steps are available within the School of Education when a student has a grievance:

1. The student should first talk with the person against whom the grievance is directed. Most issues can be settled at this level. If the complaint is directed against a teaching assistant, and the student is not satisfied, the next step would be to talk to the TA’s supervisor, who is usually the course professor. If the complaint is not resolved satisfactorily, the student may continue to step 2.
2. If the complaint does not involve an academic department, the procedure outlined in Step 4 below should be followed. If the complaint involves an academic department, the student should contact the chair of the department. The chair will attempt to resolve the problem informally. If this cannot be done to the student’s satisfaction, the student may submit the grievance to the chair in writing. This must be done within 60 calendar days of the alleged unfair treatment.
3. On receipt of a written complaint, the chair will refer the matter to a departmental committee, which will obtain a written response from the person at whom the complaint is directed. This response shall be shared with the person filing the grievance. The chair will provide a timely written decision to the student on the action taken by the committee.
4. If either party is not satisfied with the decision of the department, they have five working days from receipt of the decision to contact the dean’s office (at the number below), indicating the intention to appeal. If the complaint does not involve an academic department in the school, the student must contact the dean’s office within 60 calendar days of the alleged unfair treatment.
5. In either case, there will be an attempt to resolve the issue informally by the associate dean. If this cannot be done, the complaint can be filed in writing with the dean’s office. This must be done within 10 working days of the time the appealing party was notified that informal resolution was unsuccessful.
6. On receipt of such a written complaint, the associate dean will convene a subcommittee of the school’s Equity & Diversity Committee. This subcommittee may ask for additional information from the parties involved and may hold a hearing at which both parties will be asked to speak separately. The subcommittee will then make a written recommendation to the dean of the School of Education who will render a decision. Unless a longer time is negotiated, this written decision shall be made within 20 working days from the date when the grievance was filed with the dean’s office.

Questions about these procedures can be directed to the School of Education Dean’s Office, 377 Education Building, 1000 Bascom Mall, 608-262-1763.

State law contains additional provisions regarding discrimination and harassment. Wisconsin Statutes 36.12 reads, in part: “No student may be denied admission to, participation in or the benefits of, or be discriminated against in any service, program, course or facility of the system or its institutions or center because of the student’s race, color, creed, religion, sex, national origin, disability, ancestry, age, sexual orientation, pregnancy, marital status or parental status.” In addition, UW–System prohibits discrimination based on gender identity or gender expression. Students have the right to file discrimination and harassment complaints with the Office of Compliance ([https://compliance.wisc.edu/](https://compliance.wisc.edu/)), 361 Bascom Hall, 608-265-6018, uwcomplianceoffice@wisc.edu.

**OTHER**

n/a

**PROFESSIONAL DEVELOPMENT**

**GRADUATE SCHOOL RESOURCES**

Take advantage of the Graduate School's professional development resources ([https://grad.wisc.edu/pd/](https://grad.wisc.edu/pd/)) to build skills, thrive academically, and launch your career.
The Director of Graduate Studies, Dr. Lisa Cadmus-Bertram, is the advisor for all students in the Applied Exercise Science named option.

Contact information (https://kinesiology.education.wisc.edu/people/) for faculty can be found on the Kinesiology website.