

# Kinesiology

Degrees offered include the Master of Science and the Educational Specialist. At the master's degree level, students complete a teacher certification program (traditional master's program for those holding a valid B level certificate in physical education or the alternative master's program for those NOT completing an undergraduate physical education teacher education program). The traditional master's and the educational specialist link teacher certification with the graduate program in physical education. For example, the M.S. awards the level A certificate and the Ed.S. is linked to the AA certificate. Each program requires a teaching certificate in physical education at the previous level (e.g., B certificate for admission to the A level, except the Alternative A program, and the A certificate for admission to the AA certificate).

## Dispositions

Faculty individually review the professional dispositions (behaviors and attitudes) of students within each course in accordance with the School of Education and Human Science's policy and procedure. Additionally, faculty will collectively review student dispositions and overall progress in the program at the end of each semester. Dispositional areas identified as deficient could result in termination from the program.

## Graduate Certificate in Clinical Exercise Physiology

The certificate will help provide fundamental knowledge, skills, and abilities to conduct exercise testing and prescription in clinical and non-clinical settings. The certificate can be completed as a stand-alone certificate for undergraduate or graduate students majoring in exercise science or related fields (nutrition, biomedical science, biology, community health, and health education). Or may be used as part of the Graduate School's Master's Degree of Interdisciplinary Graduate Studies (IGS).

Students who have completed a master's degree in Kinesiology with a concentration in Exercise Physiology from UAB are not eligible to complete the graduate certificate in clinical exercise physiology.

## Admission Requirements

Applicants must meet the following requirements for admission to the Graduate Certificate in Clinical Exercise Physiology:

- Completed undergraduate degree with an overall GPA of at least 2.5 on a 4.0 scale OR current UAB undergraduate student in good standing with 60+ credit hours completed (36 of these credit hours must have been taken at UAB) and an institutional GPA of 3.0 (Applicants do not need to have earned a degree in kinesiology nor be currently pursuing a degree in kinesiology).
- Applicants must submit a certificate-seeking application for admission to the [UAB Graduate School](#).

**Note:** Undergraduate students cannot use the graduate credit hours from this certificate program toward their undergraduate degree.

## Graduate Certificate in Coaching the Intercollegiate Scholar Athlete

This program will provide current or aspiring athletic coaches throughout our state, and the region, with access to a strategically designed

practitioner-focused credential to support their career competencies and advancement. The certificate will be offered as a stand-alone to undergraduate or graduate students majoring in exercise science or related fields (nutrition, biomedical science, biology, community health, and health education). Or may be used as part of the Graduate School's Master's Degree of Interdisciplinary Graduate Studies (IGS).

## Admission Requirements

Applicants must meet the following requirements for admission to the Graduate Certificate in Clinical Exercise Physiology:

- Completed undergraduate degree with an overall GPA of at least 2.5 on a 4.0 scale OR current UAB undergraduate student in good standing with 60+ credit hours completed (36 of these credit hours must have been taken at UAB) and an institutional GPA of 3.0 (Applicants do not need to have earned a degree in kinesiology nor be currently pursuing a degree in kinesiology).
- Applicants must submit a certificate-seeking application for admission to the [UAB Graduate School](#).

**Note:** Undergraduate students cannot use the graduate credit hours from this certificate program toward their undergraduate degree.

Students can start this 15-hour Coaching the Intercollegiate Scholar Athlete Graduate Certificate in either the fall, spring, or summer. Applicants do not need to have earned a degree in kinesiology

## Master of Science and "A" level teaching certificate; Non-Thesis

(30-33 hours)

Teaching Field: At least 1/3 of the program shall be teaching field courses. (18 hours)

Requirements	Hours
KIN 643 Program Development in Physical Education & Coaching	3
KIN 647 Strategies and Issues in P-12 Physical Education and Coaching	3
KIN 649 Advanced Adapted Physical Education & Coaching <sup>1</sup>	3
KIN 693 Advanced Field Experience in Physical Education & Coaching	3
Survey of Special Education Coursework: Required if not previously completed (0-3 hours)	0-3
ECY 600 Introduction to Exceptional Learner <sup>2</sup>	
Electives (as approved by advisor) <sup>3</sup>	6
<b>Unified Courses (12 hours)</b>	
EPR 594 Introduction to Educational Research Design	3
EDU 613 Collaborating to Support Diverse Learners	3
EDU 614 Making Sense of Data to Inform Instruction	3
EDU 615 Learning in Context	3
<b>Total Hours</b>	<b>30-33</b>

<sup>1</sup> Approved diversity course

<sup>2</sup> Survey of Special Education Coursework: Required if not previously completed (0-3 hours)

<sup>3</sup> Potential courses that may be used for the Electives in the Physical Education Teacher Certification Master's Degree Program: KIN 601, KIN 607, KIN 636, KIN 645, KIN 650, KIN 651, KIN 672, KIN 693,

KIN 694,. Other graduate level courses may be used with the consent of your Advisor.

## Master of Science and "A" level teaching certificate; Thesis

(30-33 hours)

Teaching Field: At least 1/3 of the program shall be teaching field courses. (18 hours)

Requirements	Hours
KIN 643 Program Development in Physical Education & Coaching	3
KIN 647 Strategies and Issues in P-12 Physical Education and Coaching	3
KIN 649 Advanced Adapted Physical Education & Coaching <sup>1</sup>	3
KIN 693 Advanced Field Experience in Physical Education & Coaching	3
EPR 608 Introduction to Statistical Methods in Educational Research	3
KIN 699 Thesis Research	3
Survey of Special Education Coursework: Required if not previously completed (0-3 hours) <sup>2</sup>	0-3
ECY 600 Introduction to Exceptional Learner <sup>3</sup>	
<b>Unified Courses (12 hours)</b>	
EPR 594 Introduction to Educational Research Design	3
EDU 613 Collaborating to Support Diverse Learners <sup>1</sup>	3
EDU 614 Making Sense of Data to Inform Instruction	3
EDU 615 Learning in Context	3
<b>Total Hours</b>	<b>30-33</b>

<sup>1</sup> Approved diversity course

<sup>2</sup> Survey of Special Education Coursework: Required if not previously completed (0-3 hours)

## Master of Science in Kinesiology: Physical Education Alternative Master's

The M.S. in Kinesiology: Physical Education leads to Alternative Class A Alabama professional educator certification. The program requires 45-48 credit hours. A GPA of 3.0 is required.

Requirements	Hours
<b>Professional Studies</b>	
KIN 645 Advanced Motor Development	3
Advisor-approved EDF or EPR 500-600 level course	3
KIN 589 Physical Education Instructional Strategies	6
<b>Teaching Field Courses</b>	
KIN 508 Adapted Physical Education	3
KIN 509 Assessment in Physical Education	3
KIN 511 Elementary School Physical Education & 511L and Educational Dance & Gymnastics	4
KIN 520 Teaching Skill Acquisition in Secondary Schools & 520L and Sport Skill Proficiency	4
KIN 523 Techniques of Teaching Fitness and Nutrition in Schools	3
KIN 607 Principles of Coaching	3
<b>Internship</b>	

KIN 696	Elementary & Secondary Physical Education Student Teaching	9
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### Additional Requirements

EPR 608	Introduction to Statistical Methods in Educational Research	3
EDR 521	Reading in Content Areas	1
<b>Survey of Special Education <sup>1</sup></b>		<b>0-3</b>
ECY 600	Introduction to Exceptional Learner <sup>1</sup>	
<b>Total Hours</b>		<b>45-48</b>

<sup>1</sup> Required if not previously completed

## Education Specialist Degree in Education with a Concentration in Kinesiology

The EdS degree requires a minimum of 30 credit hours for the Kinesiology program. A minimum GPA of 3.25 is required.

Requirements	Hours	
<b>Teaching Field</b>		
At least 1/3 of the program shall be teaching field courses (12 hours)		
KIN 649	Advanced Adapted Physical Education & Coaching	3
KIN 715	Advanced Field Experience in Physical Education & Coaching	3
KIN 726	Supervised Research in Physical Education & Coaching	3
KIN 729	Physical Education & Coaching Capstone	3
<b>Survey of Special Education or Elective</b>	<b>3</b>	
ECY 600	Introduction to Exceptional Learner <sup>1</sup>	
Advisor-Approved Elective <sup>2</sup>		
<b>Research Courses</b>	<b>6</b>	

Choose 2 of the courses below (total of 6 hours)

EPR 594	Introduction to Educational Research Design	
EPR 596	Introduction to Qualitative Methods in Educational Research	
EPR 608	Introduction to Statistical Methods in Educational Research	
EPR 609	Statistical Methods and Research in Education: Intermediate	

### Education Coursework

EDU 717	Promoting Ethics & Wellness in P-12 Education	3
EDU 718	Student Support Systems in P-12 Education	3
EDU 719	Action Research for Educational Improvement	3
<b>Total Hours</b>		<b>30</b>

<sup>1</sup> Not required if previously completed

<sup>2</sup> Advisor-approved elective required if credit is awarded for previously completing special education survey course

## Accelerated Learning Opportunities

### Master in Kinesiology with a concentration in Exercise Physiology via the Accelerated Bachelors/Masters (EPH-ABM) Program

Exercise Physiology offers an [Accelerated Bachelors/Masters \(ABM\)](#) option for high-achieving undergraduates. Distinct advantages of EPH-ABM include the use of up to 12 hours of shared credit this is applied to both your BS and MS degrees, taking graduate courses at

the undergraduate tuition rate, and additional opportunities for academic advising and mentoring.

## Admission Requirements

- Junior status (60 credit hours, 36 of these hours at UAB)
- Minimum 3.5 undergraduate GPA
- Complete the following pre-requisite courses: BY 115, BY 116, CHHS 140, CHHS 141, KIN 136, KIN 307, & KIN 400
  - UAB Transcript (uploaded by Graduate School)
  - ABM Form
  - Application Fee
  - Essay
  - Resume
- Maintain a 3.0 GPA average in undergraduate Exercise Science courses while in the EPH-ABM
- Receive a B (or better) in graduate courses taken while still an undergraduate student
- Maintain full-time-student status at UAB (with exceptions for medical emergencies)

The following courses are approved for shared credit for students pursuing an ABM in Exercise Physiology: KIN 585, KIN 639, KIN 640, KIN 641, KIN 645, KIN 649, KIN 656, KIN 672, and KIN 674

**Note:** If any of the requirements are violated, the student will be withdrawn from the EPH-ABM program. If a student is withdrawn, they will retain credit for the courses already taken in the program, but no credit sharing will be allowed, even if later the student enrolls in a graduate program in the Department of Human Studies. Once the undergraduate student has completed all course requirements for graduation, their undergraduate degree will be awarded.

Once the student graduates with a B.S., they continue to take additional coursework to fulfill the degree requirements of their M.S. program. The M.S. degree will be awarded after those requirements.

## Deadlines for all Applicants:

- **Fall:** August 1
- **Spring:** December 1
- **Summer:** May 1

## For More Information:

Please contact Dr. Gordon Fisher (Graduate Program Director; [grdnfs@uab.edu](mailto:grdnfs@uab.edu)), or visit our website: <https://www.uab.edu/education/home/graduate/kinesiology/ms-kinesiology-exercise-physiology-concentration>.

## Graduate Certificate in Clinical Exercise Physiology

Requirements	Hours	
KIN 639	Exercise Prescription for High Risk Populations	3
KIN 644	Application of Exercise Physiology to Fitness and Performance	3
KIN 697	Advanced Field Experience in Kinesiology	6
KIN 640 or KIN 585	Advanced Techniques in Conditioning the Athlete Advanced Exercise Testing and Prescription	3
<b>Total Hours</b>		<b>15</b>

## Graduate Certificate in Coaching the Intercollegiate Scholar Athlete

Requirements	Hours	
LEAD 500	Introduction to Leadership Theory and Behavior	3
HEA 660	College Student Development	3
KIN 601	Introduction to Sports Administration	3
KIN 656	Advanced Sport Psychology	3
KIN 690	Seminar in Sports Administration	3
<b>Total Hours</b>		<b>15</b>