

# Mid-Year Addendum

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## ABOUT THE MID-YEAR ADDENDUM

### OVERVIEW

The University Catalog is published annually and serves as a reference for the academic year. The University recognizes the evolving nature of curriculum and policy development results in proposal approvals throughout the academic year. **The University Catalog Mid-Year Addendum allows critical policy updates and academic courses and programs approved outside the catalog publication cycle to be included in the official University catalog in a timely manner.**

The Mid-Year Addendum is limited to policy updates to maintain compliance or align with international, national, state and other regulatory bodies, newly approved academic courses and programs, and critical announcements. Items included in the Mid-Year Addendum are effective at the start of the Spring term unless otherwise noted.

### PRIOR PUBLICATIONS

The University of Texas at Arlington Online University Catalog, published in June, is the official catalog of the University and takes precedence over any previously printed or online catalog. **As such, the University Catalog Mid-Year Addendum, published and effective at the start of Spring term, also supersedes catalog editions published prior to this date.**

Students are governed by the catalog under which they were enrolled or, at a student's option, the catalog of any subsequent year in which that student was in residence. Please refer to the [academic requirements and procedures section \(http://catalog.uta.edu/academicregulations/\)](http://catalog.uta.edu/academicregulations/) for more information.

### IN THIS EDITION

Below is a list of items included in the 2024 edition of the University Catalog Mid-Year Addendum. If the page is listed here, detailed information can be found in the corresponding tab above. If no updates were made, the page will be notated with, "*No updates at this time.*"

#### COLLEGE OF ENGINEERING

- **Industrial Engineering > Undergraduate Programs**
  - Overview - Revises mandatory accreditation statement for the Industrial Engineering Program
- **Mechanical and Aerospace Engineering > Undergraduate Programs**
  - Overview - Revises mandatory accreditation statement for the Aerospace Engineering and Mechanical Engineering programs

#### COLLEGE OF NURSING AND HEALTH INNOVATION

- **Kinesiology > Undergraduate Programs**
  - Adds new accelerated degree track to undergraduate programs
    - Bachelor of Science in Exercise Science (3 + 2) Health, Fitness & Wellness to Master of Science in Athletic Training

#### COLLEGE OF SCIENCE

- **Psychology > Graduate Programs**
  - Updates name of Industrial/Organizational master's degree

## ADMINISTRATIVE UPDATES

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*NO UPDATES AT THIS TIME*

## COLLEGE OF ARCHITECTURE, PLANNING AND PUBLIC AFFAIRS

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*NO UPDATES AT THIS TIME*

## COLLEGE OF BUSINESS

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*NO UPDATES AT THIS TIME*

## **COLLEGE OF EDUCATION**

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*NO UPDATES AT THIS TIME*

## **COLLEGE OF ENGINEERING**

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**page: [industrial, manufacturing and systems engineering > undergraduate programs > overview \(http://catalog.uta.edu/midyearaddendum/engineering/industrial/undergraduate/\)](http://catalog.uta.edu/midyearaddendum/engineering/industrial/undergraduate/)**

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### **ABET ACCREDITATION**

Accreditation is an assurance that the professionals that serve us have a solid educational foundation and are capable of leading the way in innovation, emerging technologies, and in anticipating the welfare and safety needs of the public. The program in Industrial Engineering has been accredited since 1967 by the Engineering Accreditation Commission (EAC) of ABET, <http://www.abet.org>, under the General Criteria and the Industrial Engineering Program Criteria.

**PAGE: [MECHANICAL AND AEROSPACE ENGINEERING > UNDERGRADUATE PROGRAMS > OVERVIEW \(http://catalog.uta.edu/midyearaddendum/engineering/mechanical/undergraduate/\)](http://catalog.uta.edu/midyearaddendum/engineering/mechanical/undergraduate/)**

### **OVERVIEW**

The Department of Mechanical and Aerospace Engineering (MAE) offers three programs of study leading to the bachelor's degree. They are the Bachelor of Science in Aerospace Engineering, the Bachelor of Science in Mechanical Engineering, and a double degree of Bachelor of Science in Aerospace Engineering and Bachelor of Science in Mechanical Engineering. Both Aerospace Engineering and Mechanical Engineering degree programs offer a Fast Track option which enables outstanding undergraduate students to receive dual undergraduate/ graduate course credit for up to nine hours of coursework. Minor degrees are also offered in Aerospace Engineering and Mechanical Engineering. The Mechanical Engineering (B.S.) program is accredited by the Engineering Accreditation Commission (EAC) of ABET (<https://www.abet.org>), under the General Criteria and the Program Criteria for Mechanical Engineering and Similarly Named Engineering programs. The Aerospace Engineering (B.S.) program is accredited by the Engineering Accreditation Commission of ABET (<https://www.abet.org>), under the General Criteria and the Program Criteria for Aerospace Engineering and Similarly Named Engineering programs. The mechanical and aerospace engineering programs have been accredited since 1967 and 1968, respectively.

## **COLLEGE OF LIBERAL ARTS**

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*NO UPDATES AT THIS TIME*

## **COLLEGE OF NURSING AND HEALTH INNOVATION**

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**PAGE: [COLLEGE OF NURSING AND HEALTH INNOVATION > KINESIOLOGY > UNDERGRADUATE PROGRAMS \(http://catalog.uta.edu/midyearaddendum/nursing/kinesiology/undergraduate/\)](http://catalog.uta.edu/midyearaddendum/nursing/kinesiology/undergraduate/)**

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### **OVERVIEW**

The Department of Kinesiology is committed to providing quality educational programs that emphasize scientific theory, hands-on learning in the laboratory setting and real-world application through clinical internships and other field-based experiences. The faculty's vast teaching experience and research expertise provide rich learning experiences across all of the department's academic programs.

The undergraduate studies within the Department of Kinesiology are organized into three areas: Bachelor of Arts in Kinesiology (Physical Education Teacher Education, Sports Leadership & Management), Bachelor of Science in Exercise Science (Clinical & Applied Physiology; Health, Fitness, & Wellness; and Motor & Rehabilitation Sciences), and Bachelor of Science in Public Health. Each of these academic programs share a common core of kinesiology courses that provide students with a strong foundation in the sciences of human anatomy, biomechanics, motor behavior, and

exercise physiology, as well as an introduction to research methodology. In addition to the kinesiology core, each undergraduate degree plan provides a comprehensive discipline-specific program of study designed to prepare students for a specific career path.

The Department of Kinesiology also offers an accelerated (3+2) Bachelor of Science in Exercise Science (Health, Fitness, & Wellness) to Master of Science in Athletic Training. This track enables high-achieving undergraduate students to begin taking MSAT courses in their 4<sup>th</sup> year and complete the MSAT in their 5<sup>th</sup> year.

The Department of Kinesiology offers multiple degree plan options that work towards meeting the prerequisite requirements for admission to athletic training, physical therapy, occupational therapy, speech pathology, and physician's assistant graduate programs, as well as medical and dental schools.

The undergraduate program areas are listed below. Complete degree plans, descriptions, and course requirements are provided on subsequent pages.

## BACHELOR OF SCIENCE IN EXERCISE SCIENCE

The Bachelor of Science in Exercise Science is designed to provide a foundation of the movement and exercise science to students interested in pursuing careers associated with therapy and rehabilitation, fitness and training, and research with typical and atypical populations. The three tracks are designed to provide a thorough foundation in three areas of Exercise Science: Clinical & Applied Physiology, Health, Fitness, & Wellness, and Motor & Rehabilitation Sciences. All KINE listed courses are designed for majors only.

The Clinical & Applied Physiology (CAP) Track incorporates prerequisites and prepares students for graduate school applications in physical therapy, physician assistant, and medical/dental schools.

The Motor & Rehabilitation Sciences (MRS) Track incorporates prerequisites and prepares students for graduate school applications in occupational therapy, as well as careers and research in pediatrics and special populations, biomechanics, motor behavior and rehabilitation sciences.

The Health, Fitness, & Wellness (HFW) Track prepares students for careers in strength conditioning, personal training, cardiac rehabilitation, and corporate wellness & fitness. It also prepares students for certifications programs such as ACSM, HFS, NSCA, CSCS. In addition, it incorporates prerequisites and prepares students for graduate school applications in athletic training.

The Health, Fitness, & Wellness (HFW) to Master of Science in Athletic Training (MSAT) 3+2 track enables high-achieving undergraduate students to begin taking MSAT courses in their 4<sup>th</sup> year and complete the MSAT in their 5<sup>th</sup> year. This program is designed for students with a goal of becoming an athletic trainer. Undergraduates will apply to the MSAT program during their third year, and if accepted, will begin taking MSAT courses in the summer of their third year. They will graduate with their Bachelor of Science in Exercise Science in their fourth year and with their Master of Science in Athletic Training at the end of their fifth year.

### Admission Requirements:

To ensure that all students develop a solid academic foundation, all first time, first-year freshman students (regardless of intended major) must obtain academic advising and clearance for registration from an advisor in the Division of Student Success during their first year. After the first year, students should seek advisement from the Exercise Science Advisor in the Department of Kinesiology prior to each semester and summer sessions. Transfer students must seek academic advising from the Exercise Science Advisor in the Department of Kinesiology immediately. All incoming freshmen and transfer students wishing to major in Exercise Science are initially classified as Exercise Science pre-majors.

To be classified as an Exercise Science major, students must satisfy the following requirements:

#### Clinical & Applied Physiology Track

- Completion of 12 hours at UT Arlington
- Overall GPA of 3.00 and KINE GPA of 3.00 by completion of KINE 3415 and a grade of "B" or better at KINE 3415.

#### Motor & Rehabilitation Sciences Track

- Completion of 12 hours at UT Arlington
- Overall GPA of 2.5 and KINE GPA of 2.5 by completion of KINE 3415.

#### Health, Fitness, & Wellness Track

- Completion of 12 hours at UT Arlington
- Overall GPA of 2.5 and KINE GPA of 2.5 by completion of KINE 3415.

#### Master of Science in Athletic Training Portion of the Health, Fitness, & Wellness to Master of Science in Athletic Training Track

- Must be within 30 hours of graduation with a BS in EXS
- Must have completed at least 30 hours of study at UTA with a 3.3 GPA or better
- A 3.3 overall GPA for all college courses
- 50 hours of observation with an athletic trainer (LAT and/or ATC credential)

- Meet program technical standards for admission
- Measles, Mumps and Rubella (MMR) vaccination
- Hepatitis B vaccination (three doses)
- Proof of current certification by the American Heart Association in Basic Life Support (**only AHA BLS certification will be accepted**)
- Successful interview with the MSAT admissions committee
- A 'C' or better and 3.3 GPA in the following prerequisite courses:
  - Anatomy and Physiology I
  - Anatomy and Physiology II
  - Functional Anatomy
  - Physiology of Exercise
  - Nutrition
  - Psychology
  - Statistics/Research Design
  - Biology (lecture and lab)
  - Physics (lecture and lab; will accept PHYS 3360 from UTA)
  - Chemistry (lecture and lab)

#### **Maintaining Major Status:**

Students accepted as Bachelor of Science in Exercise Science majors in the Department of Kinesiology must maintain the minimum GPAs as indicated above or they will be on departmental probation. Students who are on departmental probation must meet with their academic advisor for future enrollment options. If the student is unable to make up the deficiency in the semester immediately following the probation, the student will lose status as a Bachelor of Science in Exercise Science major. Courses to make up the GPA deficiency must be taken at UT Arlington. No courses on the degree plan may be taken as pass/fail.

Retention Requirements for the Master of Science in Athletic Training Portion of the Health, Fitness, & Wellness to Master of Science in Athletic Training Track

- Maintain a 'B' or better in the following courses:
  - KINE 5120 Clinical Athletic Training I
  - KINE 5229 Functional Anatomy & Biomechanics for the Athletic Trainer
  - KINE 5230 Foundations of Orthopedic Assessment & Therapeutic Interventions
  - KINE 5236 Prevention, Health Promotion, and Wellness
  - KINE 5332 Assessment and Management I
- Complete each additional course with a grade of C or better. Students who earn below a C will be dismissed from the program.
- Maintain a 3.0 cumulative GPA. Students who earn below a 3.0 cumulative GPA will be placed on academic probation for one semester. If the student does not earn a cumulative GPA of 3.0 or higher by the end of the probationary semester, the student will be dismissed from the program. \*Students who are dismissed from the program and have not yet completed their bachelor's degree will be able to take undergraduate electives to complete their degree. They will also be eligible to apply for regular admissions to the MSAT program upon completion of their bachelor's degree.
- Adhere to documents which outline professional behaviors, including but not limited to the MSAT Student Handbook, BOC Standards of Professional Practice, the NATA Code of Ethics, and course syllabi.

## **MOTOR & REHABILITATION SCIENCES (MRS)**

The Exercise Science – Motor & Rehabilitation Sciences track is designed for students interested in careers and research in pediatrics, special populations, biomechanics, motor behavior, and rehabilitation sciences, as well as prepares students for graduate school applications in occupational therapy.

## **BS IN EXERCISE SCIENCE - MRS**

### **Pre-Professional Courses**

General Core Requirements (<http://catalog.uta.edu/academicregulations/degreerequirements/generalcorerequirements/>)

42

### Recommended Core Requirements

|           |                                 |
|-----------|---------------------------------|
| ENGL 1301 | RHETORIC AND COMPOSITION I      |
| ENGL 1302 | RHETORIC AND COMPOSITION II     |
| MATH 1302 | COLLEGE ALGEBRA                 |
| MATH 1308 | ELEMENTARY STATISTICAL ANALYSIS |
| POLS 2311 | GOVERNMENT OF THE UNITED STATES |

|  |  |            |
|--|--|------------|
| POLS 2312  | STATE AND LOCAL GOVERNMENT                               |            |
| BIOL 1441  | BIOLOGY I FOR SCIENCE MAJORS: CELL AND MOLECULAR BIOLOGY |            |
| BIOL 2457  | HUMAN ANATOMY AND PHYSIOLOGY I                           |            |
| Program Science Requirements                               |  | 12         |
| BIOL 2458  | HUMAN ANATOMY AND PHYSIOLOGY II                          |            |
| PSYC 3310  | DEVELOPMENTAL PSYCHOLOGY                                 |            |
| PSYC 3318  | ABNORMAL PSYCHOLOGY                                      |            |
| PSYC 3322  | BRAIN AND BEHAVIOR                                       |            |
| General Electives (sufficient to bring total to 120 hours) |  | 25         |
| <b>Professional Courses</b>                                |  |            |
| Motor and Rehabilitation Sciences Major Core Major Core    |  |            |
| KINE 1300  | INTRODUCTION TO KINESIOLOGY AND EXERCISE SCIENCE         | 3          |
| KINE 1100  | LAB SKILLS IN KINESIOLOGY AND EXERCISE SCIENCE           | 1          |
| KINE 2330  | CARE AND PREVENTION OF ATHLETIC INJURIES                 | 3          |
| KINE 3300  | FUNCTIONAL ANATOMY                                       | 3          |
| KINE 3401  | BIOMECHANICS OF HUMAN MOVEMENT                           | 4          |
| KINE 3302  | SPORT AND EXERCISE PSYCHOLOGY                            | 3          |
| KINE 3415  | PHYSIOLOGY OF EXERCISE                                   | 4          |
| KINE 3325  | UNDERGRADUATE RESEARCH METHODS                           | 3          |
| KINE 3388  | THEORY AND APPLICATION IN MOTOR DEVELOPMENT              | 3          |
| KINE 4317  | EXERCISE PRESCRIPTION FOR SPECIAL POPULATIONS            | 3          |
| KINE 4323  | MOTOR CONTROL AND LEARNING                               | 3          |
| KINE 4420  | APPLIED MOTOR BEHAVIOR                                   | 4          |
| KINE 4491  | MRS INTERNSHIP   | 4          |
| <b>Total Hours</b>   |  | <b>120</b> |

**MANY OF THE COURSES IN THE KINESIOLOGY CURRICULUM REQUIRE PREREQUISITE COURSES WHICH ARE IDENTIFIED IN THE COURSE DESCRIPTIONS.**

## **BS IN EXERCISE SCIENCE (HFW) TO MS IN ATHLETIC TRAINING (3+2)**

The Exercise Science – Health, Fitness, & Wellness track to Master of Science in Athletic Training (MSAT) enables high-achieving undergraduate students to begin taking MSAT courses in their 4<sup>th</sup> year and complete the MSAT in their 5<sup>th</sup> year. This program is designed for students entering the University with a goal of becoming an athletic trainer. Undergraduates will apply to the MSAT program during their third year, and if accepted, will begin taking MSAT courses in the summer of their third year. They will graduate with their Bachelor of Science in Exercise Science in their fourth year and with their Master of Science in Athletic Training at the end of their fifth year.

## **BS IN EXERCISE SCIENCE - HFW TO MSAT**

### **Pre-Professional Courses**

General Core Requirements (<http://catalog.uta.edu/academicregulations/degreerequirements/generalcorerequirements/>) 42

### Recommended Core Requirements

|                              |  |    |
|------------------------------|--|----|
| ENGL 1301                    | RHETORIC AND COMPOSITION I                               |    |
| ENGL 1302                    | RHETORIC AND COMPOSITION II                              |    |
| MATH 1302                    | COLLEGE ALGEBRA  |    |
| MATH 1308                    | ELEMENTARY STATISTICAL ANALYSIS                          |    |
| POLS 2311                    | GOVERNMENT OF THE UNITED STATES                          |    |
| POLS 2312                    | STATE AND LOCAL GOVERNMENT                               |    |
| BIOL 1441                    | BIOLOGY I FOR SCIENCE MAJORS: CELL AND MOLECULAR BIOLOGY |    |
| BIOL 2457                    | HUMAN ANATOMY AND PHYSIOLOGY I                           |    |
| PSYC 1315                    | INTRODUCTION TO PSYCHOLOGY                               |    |
| Program Science Requirements |  | 12 |
| BIOL 2458                    | HUMAN ANATOMY AND PHYSIOLOGY II                          |    |
| CHEM 1441                    | GENERAL CHEMISTRY I                                      |    |
| PHYS 1441                    | GENERAL COLLEGE PHYSICS I                                |    |

**Professional Courses**

## HFW to MSAT Major Core

|              |  |   |
|--------------|--|---|
| KINE 1300    | INTRODUCTION TO KINESIOLOGY AND EXERCISE SCIENCE                     | 3 |
| KINE 1100    | LAB SKILLS IN KINESIOLOGY AND EXERCISE SCIENCE                       | 1 |
| KINE 2330    | CARE AND PREVENTION OF ATHLETIC INJURIES                             | 3 |
| KINE 3300    | FUNCTIONAL ANATOMY   | 3 |
| KINE 3401    | BIOMECHANICS OF HUMAN MOVEMENT                                       | 4 |
| KINE 3302    | SPORT AND EXERCISE PSYCHOLOGY  | 3 |
| KINE 3415    | PHYSIOLOGY OF EXERCISE   | 4 |
| KINE 3325    | UNDERGRADUATE RESEARCH METHODS                                       | 3 |
| KINE 4415    | FITNESS ASSESSMENT/PROGRAMMING                                       | 4 |
| KINE 4329    | STRENGTH & CONDITIONING IN SPORT AND PERFORMANCE                     | 3 |
| or KINE 4337 | STRENGTH AND CONDITIONING IN GENERAL POPULATIONS: HEALTH AND DISEASE |   |
| KINE 4330    | PROGRAM DESIGN & ADMINISTRATION                                      | 3 |
| KINE 4331    | OBESITY & WEIGHT MANAGEMENT  | 3 |
| KINE 4490    | EXERCISE SCIENCE INTERNSHIP  | 4 |
| HEED 3301    | SPORTS NUTRITION   | 3 |

## Athletic Training Courses

|           |  |   |
|-----------|--|---|
| KINE 5120 | ATHLETIC TRAINING CLINICAL I                                       | 1 |
| KINE 5230 | FOUNDATIONS OF ORTHOPEDIC ASSESSMENT AND THERAPEUTIC INTERVENTIONS | 2 |
| KINE 5229 | FUNCTIONAL ANATOMY AND BIOMECHANICS FOR THE ATHLETIC TRAINER       | 2 |
| KINE 5236 | PREVENTION, HEALTH PROMOTION, AND WELLNESS                         | 2 |
| KINE 5221 | CLINICAL ATHLETIC TRAINING II                                      | 2 |
| KINE 5121 | FUNCTIONAL ANATOMY AND BIOMECHANICS FOR THE ATHLETIC TRAINER II    | 1 |
| KINE 5332 | ASSESSMENT AND MANAGEMENT I  | 3 |
| KINE 5321 | THERAPEUTIC INTERVENTIONS I  | 3 |
| KINE 5122 | DOCUMENTATION AND HEALTH INFORMATICS FOR THE ATHLETIC TRAINER      | 1 |
| KINE 5222 | CLINICAL ATHLETIC TRAINING III                                     | 2 |
| KINE 5324 | ASSESSMENT AND MANAGEMENT II                                       | 3 |
| KINE 5237 | BEHAVIORAL AND POPULATION HEALTH                                   | 2 |
| KINE 5325 | THERAPEUTIC INTERVENTIONS II                                       | 3 |

Remaining courses (below) apply to the MSAT "+2"

|           |  |   |
|-----------|--|---|
| KINE 5306 | CLINICAL ATHLETIC TRAINING IV                          | 3 |
| KINE 5343 | LITERATURE AND RESEARCH FOR THE ATHLETIC TRAINER       | 3 |
| KINE 5123 | PHARMACOLOGY IN ATHLETIC TRAINING                      | 1 |
| KINE 5339 | ASSESSMENT AND MANAGEMENT III                          | 3 |
| KINE 5224 | CLINICAL ATHLETIC TRAINING V                           | 2 |
| KINE 5235 | ADVANCED FUNCTIONAL ASSESSMENT AND CORRECTIVE EXERCISE | 2 |
| KINE 5239 | HEALTH CARE ADMINISTRATION                             | 2 |
| KINE 5240 | ADVANCED IMMEDIATE AND EMERGENCY CARE                  | 2 |
| KINE 5238 | ADVANCED MANUAL THERAPY AND INTEGRATED MODALITIES      | 2 |
| KINE 5520 | CLINICAL ATHLETIC TRAINING VI                          | 5 |
| KINE 5334 | SEMINAR IN ATHLETIC TRAINING                           | 3 |
| KINE 5241 | PERFORMANCE ENHANCEMENT FOR THE ATHLETIC TRAINER       | 2 |

**Hours Toward BS in Exercise Science 120**

**Hours Toward MS in Athletic Training 35**

**Total Hours**

**155**

**MANY OF THE COURSES IN THE KINESIOLOGY CURRICULUM REQUIRE PREREQUISITE COURSES WHICH ARE IDENTIFIED IN THE COURSE DESCRIPTIONS.**

**COLLEGE OF SCIENCE**

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**PAGE: [science > psychology > graduate > masters \(http://catalog.uta.edu/science/psychology/graduate/#masterstext\)](http://catalog.uta.edu/science/psychology/graduate/#masterstext)**

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## **MASTER OF SCIENCE IN INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY**

The program and curriculum are designed for students who intend to pursue an applied, professional career as practitioners in the field. The program offers both a thesis (41 hours) and a non-thesis option (38 hours); however, all students enter the program under the non-thesis option. The decision to change to a thesis option will be made on a case-by-case basis and will be based on the student's aptitude and career focus, as well as on the fit between the student and the faculty mentor. Whether thesis or non-thesis option is chosen, all students earn a Master of Science in Industrial/Organizational Psychology and will therefore be required to conduct research related to I/O Psychology. Required psychology courses include PYSC 5405, 5407, 5324, 5325, 5326, 5327 (5127 and 5227), 5330, 5342, 6300, and 5391 OR 5698. Students are also required to complete 400-hours of an outside internship. Students typically complete their thesis or non-thesis option (Individual Research) at the end of their second year.

## **SCHOOL OF SOCIAL WORK**

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*NO UPDATES AT THIS TIME*

## **HONORS COLLEGE**

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*NO UPDATES AT THIS TIME*

## **DIVISION OF STUDENT SUCCESS**

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*NO UPDATES AT THIS TIME*