- Applied Communication Studies (MA) - Admission Requirements
- Applied Communication Studies (MA) - Curriculum
- Applied Communication Studies (MA) - Graduation Requirements
- Applied Communication Studies (MA) - Areas of Emphasis
- Applied Communication Studies (MA) - Areas of Emphasis
- Applied Communication Studies (MA) - Areas of Emphasis
- Applied Communication Studies (MA) - Areas of Emphasis
- Art and Design Studio (MFA) - Admission Requirements
- Art and Design Studio (MFA) - Curriculum
- Art and Design Studio (MFA) - Graduation Requirements
- Art Therapy Counseling (MA) - Admission Requirements
- Art Therapy Counseling (MA) - Program of Study
- Art Therapy Counseling (MA) - Graduation Requirements
- Biological Sciences (MA,MS) - Admission Requirements
- Biological Sciences (MA,MS) - Curriculum
- Biological Sciences (MA,MS) - Graduation Requirements
- Chemistry (MS) - Admission Requirements
- Chemistry (MS) - Curriculum
- Chemistry (MS) - Early Entry BS and MS in Chemistry
- Chemistry (MS) - Graduation Requirements
- Psychology - Clinical Child and School Psychology (MS) - Admission Requirements
- Psychology - Clinical Child and School Psychology (MS) - Curriculum
- Psychology - Clinical Child and School Psychology (MS) - Graduation Requirements
- Psychology - Clinical Child and School Psychology (MS) - Specializations
- Civil Engineering (MS) - Admission Requirements
- Civil Engineering (MS) - Specialized Learning Opportunities
- Civil Engineering (MS) - Program of Study
- Civil Engineering (MS) - Specialized Learning Opportunities
- Civil Engineering (MS) - Graduation Requirements
- Civil Engineering (MS) - Specialized Learning Opportunities
- Civil Engineering (MS) - Specialized Learning Opportunities
- Civil Engineering (MS) - Specialized Learning Opportunities
- Civil Engineering (MS) - Specialized Learning Opportunities
- Psychology - Clinical Psychology (MA) - Admission Requirements
- Psychology - Clinical Psychology (MA) - Curriculum
- Psychology - Clinical Psychology (MA) - Graduation Requirements
- CMIS (MS) - Admission Requirements
- CMIS (MS) - Program of Study
- CMIS (MS) - Graduation Requirements
- CMIS (MS) - Specializations
- CMIS (MS) - Specializations
- College Student Personnel Administration (MSEd) - Admission Requirements
- College Student Personnel Administration (MSEd) - Curriculum
- College Student Personnel Administration (MSEd) - Graduation Requirements
- Computer Science (MS) - Admission Requirements
- Computer Science (MS) - Curriculum
- Computer Science (MS) - Combined Program
- Computer Science (MS) - Graduation Requirements
- Cooperative PhD - Computer Science - Admission Requirements
- Cooperative PhD - Computer Science - Candidacy and Dissertation
- Cooperative PhD - Computer Science - Curriculum
- Cooperative PhD - Computer Science - Graduation Requirements
- Creative Writing (MFA) - Admission Requirements
- Creative Writing (MFA) - Curriculum
- Creative Writing (MFA) - Graduation Requirements

- Criminal Justice Policy (MS) - Admission Requirements
- Criminal Justice Policy (MS) - Curriculum
- Criminal Justice Policy (MS) - Graduation Requirements
- Curriculum and Instruction (MSEd) - Admission Requirements
- undefined - undefined
- Curriculum and Instruction (MSEd) - Curriculum
- Curriculum and Instruction (MSEd) - Graduation Requirements
- Curriculum and Instruction (MSEd) - Specialized Learning Opportunities
- Curriculum and Instruction (MSEd) - Specialized Learning Opportunities
- Curriculum and Instruction (MSEd) - Specialized Learning Opportunities
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- Curriculum and Instruction (MSEd) - Specialized Learning Opportunities
- Diversity and Equity in Education (MSEd) - Admission Requirements
- Diversity and Equity in Education (MSEd) - Program of Study
- Diversity and Equity in Education (MSEd) - Areas of Emphasis
- Diversity and Equity in Education (MSEd) - Areas of Emphasis
- Diversity and Equity in Education (MSEd) - Areas of Emphasis
- Diversity and Equity in Education (MSEd) - Areas of Emphasis
- Diversity and Equity in Education (MSEd) - Graduation Requirements
- Post-Master's Doctor of Nursing Practice - Admission Requirements
- Post-Master's Doctor of Nursing Practice - Sample Curriculum (subject to change)
- Post-Master's Doctor of Nursing Practice - Graduation Requirements
- Educational Administration - Principal (MSEd, EdS) - Admission Requirements
- Educational Administration - Principal (MSEd, EdS) - undefined
- Educational Administration - Principal (MSEd, EdS) - Principal Endorsement
- Educational Administration - Principal (MSEd, EdS) - Graduation Requirements
- Educational Administration - Superintendent (EdS) - Admission Requirements
- Educational Administration - Superintendent (EdS) - Superintendent
- Educational Administration - Superintendent (EdS) - Superintendent Endorsement
- Educational Administration - Superintendent (EdS) - Graduation Requirements
- Educational Administration - Teacher Leader (MSEd, EdS) - Admission Requirements
- Educational Administration - Teacher Leader (MSEd, EdS) - Curriculum
- Educational Administration - Teacher Leader (MSEd, EdS) - Teacher Leader Endorsement
- Educational Administration - Teacher Leader (MSEd, EdS) - Graduation Requirements
- Educational Leadership Doctorate - General School Leadership (EdD) - Admission Requirements
- Educational Leadership Doctorate - General School Leadership (EdD) - Curriculum
- Educational Leadership Doctorate - General School Leadership (EdD) - Graduation Requirements
- Electrical and Computer Engineering (MS) - Admission Requirements
- Electrical and Computer Engineering (MS) - Curriculum
- Electrical and Computer Engineering (MS) - Combined Program
- Electrical and Computer Engineering (MS) - Graduation Requirements
- Cooperative PhD - Engineering Science - Admission Requirements
- Cooperative PhD - Engineering Science - Candidacy and Dissertation
- Cooperative PhD - Engineering Science - Areas of Concentration
- Cooperative PhD - Engineering Science - Areas of Concentration
- Cooperative PhD - Engineering Science - Curriculum
- Cooperative PhD - Engineering Science - Areas of Concentration
- Cooperative PhD - Engineering Science - Graduation Requirements
- Cooperative PhD - Engineering Science - Areas of Concentration
- English Language and Literature (MA) - Admission Requirements
- English Language and Literature (MA) - Post-Baccalaureate Certificate
- English Language and Literature (MA) - Curriculum

- English Language and Literature (MA) - Graduation Requirements
- English - Teaching of Writing (MA) - Admission Requirements
- English - Teaching of Writing (MA) - Curriculum
- English - Teaching of Writing (MA) - Graduation Requirements
- English - Teaching of Writing (MA) - Post-Baccalaureate Certificate
- Environmental Resources and Policy (PhD) - Admission Requirements
- Environmental Resources and Policy (PhD) - Candidacy and Dissertation
- Environmental Resources and Policy (PhD) - Curriculum
- Environmental Resources and Policy (PhD) - Graduation Requirements
- Environmental Sciences (MS) - Admission Requirements
- Environmental Sciences (MS) - Curriculum
- Environmental Sciences (MS) - Graduation Requirements
- Environmental Sciences (MS) - Emphasis Options
- Environmental Sciences (MS) - Emphasis Options
- Environmental Sciences (MS) - Emphasis Options
- Environmental Sciences (MS) - Emphasis Options
- Environmental Sciences (MS) - Emphasis Options
- Environmental Science Management (PSM) - Admission Requirements
- Environmental Science Management (PSM) - Curriculum
- Environmental Science Management (PSM) - Graduation Requirements
- Kinesiology - Exercise and Sport Psychology (MS) - Admission Requirements
- Kinesiology - Exercise and Sport Psychology (MS) - Curriculum
- Kinesiology - Exercise and Sport Psychology (MS) - Graduation Requirements
- Family Nurse Practitioner - Admission Requirements
- Family Nurse Practitioner - Full-Time Sample Curriculum
  (Part-Time Sample Curriculum Available on Request)
- Family Nurse Practitioner - Graduation Requirements
- Geography (MS) - Admission Requirements
- Geography (MS) - Curriculum
- Geography (MS) - Graduation Requirements
- Healthcare Informatics (MS) - Admission Requirements
- Healthcare Informatics (MS) - Program of Study
- Healthcare Informatics (MS) - Graduation Requirements
- Healthcare and Nursing Administration / Healthcare Informatics (MS) - Admission Requirements
- Healthcare and Nursing Administration / Healthcare Informatics (MS) - Sample Curriculum (subject to change)
- Healthcare and Nursing Administration / Healthcare Informatics (MS) - Graduation Requirements
- History (MA) - Admission Requirements
- History (MA) - Curriculum
- History (MA) - Graduation Requirements
- History (MA) - Museum Studies
- History- Co-op PhD - Admission Requirements
- History- Co-op PhD - Candidacy
- History- Co-op PhD - Curriculum
- History- Co-op PhD - Graduation Requirements
- Industrial Engineering (MS,PhD) - Admission Requirements
- Industrial Engineering (MS,PhD) - Curriculum
- Industrial Engineering (MS,PhD) - Combined Programs
- Industrial Engineering (MS,PhD) - Graduation Requirements
- Psychology - Industrial-Organizational (MA) - Admission Requirements
- Psychology - Industrial-Organizational (MA) - Curriculum
- Psychology - Industrial-Organizational (MA) - Graduation Requirements
- Instructional Technology (MSEd) - Admission Requirements
- Instructional Technology (MSEd) - Specialized Learning Opportunities
- Instructional Technology (MSEd) - Core Curriculum
- Instructional Technology (MSEd) - Specialized Learning Opportunities
- Instructional Technology (MSEd) - Specialized Learning Opportunities
- Instructional Technology (MSEd) - Specialized Learning Opportunities
- Instructional Technology (MSEd) - Graduation Requirements

- Instructional Technology (MSEd) - Specialized Learning Opportunities
- Instructional Technology (MSEd) - Specialized Learning Opportunities
- Instructional Technology (MSEd) - Specialized Learning Opportunities
- Instructional Technology (MSEd) - Specialized Learning Opportunities
- Instructional Technology (MSEd) - Specialized Learning Opportunities
- Integrative Studies (MA,MS) - Integrative Studies - Cultural Heritage and Resources Management (MA,MS)
- Integrative Studies (MA,MS) - Integrative Studies - Engineering Management (MS)
- Integrative Studies (MA,MS) - Integrative Studies - GIS Development and Database Administration (MS)
- Integrative Studies (MA,MS) - Graduation Requirements
- Integrative Studies (MA,MS) - Integrative Studies - Marketing Communications (MS)
- Integrative Studies (MA,MS) - Integrative Studies - Media Management (MS)
- Integrative Studies (MA,MS) - Integrative Studies - Organizational Design Thinking (MS)
- Integrative Studies (MA,MS) - Integrative Studies - Sustainability (MA,MS)
- Kinesiology- Exercise Physiology (MS) - Admission Requirements
- Kinesiology- Exercise Physiology (MS) - Curriculum
- Kinesiology- Exercise Physiology (MS) - Graduation Requirements
- Literacy Education (MSEd) - Admission Requirements
- Literacy Education (MSEd) - Curriculum
- Literacy Education (MSEd) - Graduation Requirements
- Literacy Education (MSEd) - Specialized Learning Opportunities
- Literacy Education (MSEd) - Specialized Learning Opportunities
- Literacy Education (MSEd) - Specialized Learning Opportunities
- Literacy Education (MSEd) - Specialized Learning Opportunities
- Integrative Studies (Post-Baccalaureate Certificate) - Marketing and Public Relations
- Marketing Research (MMR) - Admission Requirements
- Marketing Research (MMR) - Program of Study
- Marketing Research (MMR) - Graduation Requirements
- Marketing Research (MMR) - Specialization
- Mathematics (MS) - Admission Requirements
- Mathematics (MS) - Curriculum
- Mathematics (MS) - Specialized Learning Opportunities
- Mathematics (MS) - Graduation Requirements
- Mathematics (MS) - Specialized Learning Opportunities
- Mathematics (MS) - Specialized Learning Opportunities
- Mathematics (MS) - Specialized Learning Opportunities
- Mathematics (MS) - Specialized Learning Opportunities
- Mathematics (MS) - Specialized Learning Opportunities
- MBA - Admission Requirements
- MBA - Program of Study
- MBA - Graduation Requirements
- MBA - Specializations
- MBA - Specializations
- MBA - Specializations
- MBA - Specializations
- DNP/MBA - Admission Requirements
- DNP/MBA - Curriculum
- DNP/MBA - Graduation Requirements
- Mechanical Engineering (MS) - Admission Requirements
- Mechanical Engineering (MS) - Curriculum
- Mechanical Engineering (MS) - Combined Program
- Mechanical Engineering (MS) - Graduation Requirements
- Media Studies (MS) - Admission Requirements
- Media Studies (MS) - Curriculum
- Media Studies (MS) - Graduation Requirements
- Media Studies (MS) - Media Literacy
- Master of Science in Accountancy (MSA) - Admission Requirements
- Master of Science in Accountancy (MSA) - Program of Study
- Master of Science in Accountancy (MSA) - Graduation Requirements

- Master of Science in Accountancy (MSA) - Specializations
- Master of Science in Accountancy (MSA) - Specializations
- Music (MM) - Admission Requirements
- Music (MM) - Curriculum
- Music (MM) - Graduation Requirements
- Music (MM) - Specialized Learning Opportunities
- Music (MM) - Specialized Learning Opportunities
- Music (MM) - Specialized Learning Opportunities
- Music (MM) - Specialized Learning Opportunities
- Nurse Anesthesia - Application Requirements
- Nurse Anesthesia - Sample Curriculum (subject to change)
- Nurse Anesthesia - Graduation Requirements
- Nursing - Nurse Educator (MS) - Admission Requirements
- Nursing - Nurse Educator (MS) - Program of Study
- Nursing - Nurse Educator (MS) - Graduation Requirements
- Nursing - Nurse Educator (MS) - Nurse Educator Post-Master's Certificate
- Nursing - Healthcare and Nursing Administration (MS) - Admission Requirements
- Nursing - Healthcare and Nursing Administration (MS) - Program of Study
- Nursing - Healthcare and Nursing Administration (MS) - Graduation Requirements
- Nursing - Healthcare and Nursing Administration (MS) - Healthcare and Nursing Administration Post-Master's Certificate
- Nutrition and Dietetics (MS) - Admission Requirements
- Nutrition and Dietetics (MS) - Curriculum
- Nutrition and Dietetics (MS) - Graduation Requirements
- Nutrition and Dietetics (MS) - Sports Nutrition
- Pharmaceutical Sciences - Admission Requirements
- Pharmaceutical Sciences - Curriculum
- Pharmaceutical Sciences - Graduation Requirements
- Pharmacy - Admission Requirements
- Pharmacy - Sample Curriculum
- Pharmacy - undefined
- Pharmacy - Graduation Requirements
- Pharmacy - undefined
- Pharmacy - Organizational Leadership Certificate
- Pharmacy - Pediatric Specialization
- PharmD/Healthcare Informatics (MS) - Admission Requirements
- PharmD/Healthcare Informatics (MS) - Program of Study
- PharmD/Healthcare Informatics (MS) - Graduation Requirements
- PharmD/MBA - Admission Requirements
- PharmD/MBA - Curriculum
- PharmD/MBA - Graduation Requirements
- Kinesiology - Physical Education and Coaching Pedagogy (MSEd) - Admission Requirements
- Kinesiology - Physical Education and Coaching Pedagogy (MSEd) - Curriculum
- Kinesiology - Physical Education and Coaching Pedagogy (MSEd) - Graduation Requirements
- Public Administration (MPA) - Admission Requirements
- Public Administration (MPA) - Curriculum
- Public Administration (MPA) - Graduation Requirements
- Public Health (MPH) - Admission Requirements
- Public Health (MPH) - Program of Study
- Public Health (MPH) - Graduation Requirements
- Speech-Language Pathology (MS) - Admission Requirements
- Speech-Language Pathology (MS) - Curriculum
- Speech-Language Pathology (MS) - Graduation Requirements
- Speech-Language Pathology (MS) - Prerequisite Requirements
- Social Work (MSW) - Admission Requirements
- Social Work (MSW) - Curriculum
- Social Work (MSW) - Graduation Requirements
- Sociology (MA) - Admission Requirements
- Sociology (MA) - Curriculum

- Sociology (MA) - Graduation Requirements
- Special Education (MSEd) - Admission Requirements
- Special Education (MSEd) - Curriculum
- Special Education (MSEd) - Graduation Requirements
- Special Education (MSEd) - Second Certificate in Special Education (Learning Behavior Specialist I)
- Educational Leadership Doctorate - Superintendent (EdD) - Admission Requirements
- Educational Leadership Doctorate - Superintendent (EdD) - Curriculum
- Educational Leadership Doctorate - Superintendent (EdD) - Graduation Requirements
- Integrative Studies (Post-Baccalaureate Certificate) - Sustainability
- Teaching English as a Second Language (MA) - Admission Requirements
- Teaching English as a Second Language (MA) - Curriculum
- Teaching English as a Second Language (MA) - Graduation Requirements
- Teaching English as a Second Language (MA) - Post-Baccalaureate Certificate
- Integrative Studies (Post-Baccalaureate Certificate) - Transportation Engineering and Construction Management
- undefined - undefined

Applied Communication Studies (MA)

Admission Requirements

1. Graduate School application and $40 fee
2. Submission of all postsecondary academic transcripts
3. Successful completion of a bachelor's degree prior to enrollment
4. Minimum undergraduate GPA of 2.75
5. International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
6. Statement of Purpose: Submit a typed statement (of at least 500 words) about the academic and professional goals the applicant plans to attain through their work in the graduate program
7. Submit two letters of recommendation that discuss the applicant's potential for graduate-level academic work, leadership and interpersonal skills. (If the student is a current student in, or recent graduate of SIUE's Department of Applied Communication Studies, two Reference Forms for Use by Current SIUE Students may be submitted in lieu of the letters of recommendation.)

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions Office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants who do not have an undergraduate degree in applied communication studies or a related field will be required, if admitted to the program, to demonstrate a knowledge of basic communication theory before enrolling in any 500-level classes. This demonstration of proficiency may be accomplished by completing, with a grade of B or better, either ACS 330 Theories of Communication, or proficiency examinations based upon the content of this course. Please contact the Department of Applied Communication Studies for information about the proficiency examination procedures.

Review the SIUE Admissions Policy for more information.

Applied Communication Studies (MA)

Curriculum

Students must complete at least 33 semester hours for this degree. A foreign language is not required. With approval of the student's advisory committee, up to three hours of graduate-level coursework from outside the applied communication studies curriculum, up to three hours of independent study credits, and up to three hours of 400-level courses, may be applied toward the minimum of 33 hours.

All students admitted to the program are required to enroll in the **program core**, which consists of two courses (six hours total):

- ACS 500 Seminar in Communication Theory
- ACS 501 Communication Research Methods and Tools

The core courses must be completed with a minimum grade of B the first time they are offered after the student is admitted. Students who fail to meet this stipulation will be restricted from enrolling in any other 500-level courses until the program core requirement is met. Students are also required to declare an area of specialization and complete three required courses in their respective specialization.

Responsibility for the development of the remainder of the student's program of study rests with the student and student's advisory committee. The Department of Applied Communication Studies offers a variety of courses designed to complement the student's academic and professional interests.

Students may choose either a thesis or a non-thesis plan of study. Students who select the thesis plan (thesis or applied project) must declare their intentions by the time they have completed 18 semester hours of graduate work. They will complete a minimum total of 27 hours of coursework. They will confirm their ability to conduct research in applied communication studies by submitting a thesis or applied project for six semester hours of credit in ACS 598 or ACS 599. The oral defense then provides a supplemental assessment of the student's performance on the written portion of the thesis, or the final product of the project.

Students who select the non-thesis plan will complete a minimum total of 33 hours of coursework. Students will confirm their ability to conduct research in applied communication studies through the research projects and papers they complete during their coursework.

Applied Communication Studies (MA)

Graduation Requirements

The comprehensive examination is administered during each student's final term of coursework. For students following the thesis plan, the examination is oral and focuses primarily on a defense of the thesis or applied project, but may also cover the planned program.

For a student electing the non-thesis plan, the examination, which comprises both written and oral elements, covers content from both the required core courses and the individually planned program. The written examination is composed of two sections. One section focuses on communication theory and research methodology, and the student must successfully answer one item on theory and one on research. The other section of the written examination focuses on the individual program of study. The student must respond successfully to two items from this section, in which a choice is offered among items prepared by the individual's advisory committee. The oral component then provides a supplemental assessment of the student's performance on the written portion of the examination.

Review the graduation policy for more information.

Applied Communication Studies (MA)

Areas of Emphasis

- Corporate and Organizational Communication
  - Corporate and Organizational Communication
  - Health Communication
  - Interpersonal Communication
  - Public Relations

Corporate and Organizational Communication

Students are required to complete three courses in their respective areas of emphasis. These courses include:

- ACS 540 Survey of Organizational Communication Research
- ACS 541 Seminar in Organizational Culture
- ACS 542 Communication Consulting

Applied Communication Studies (MA)

Areas of Emphasis

- Health Communication
    - Corporate and Organizational Communication
    - Health Communication
    - Interpersonal Communication
    - Public Relations

Health Communication

Students are required to complete three courses in their respective areas of emphasis. These courses include:

- ACS 530 Survey of Health Communication Theory and Research
- ACS 531 Culture, Health, and Communication
- ACS 532 Seminar in Health Communication Campaigns

Applied Communication Studies (MA)

Areas of Emphasis

- Interpersonal Communication
  - Corporate and Organizational Communication
  - Health Communication
  - Interpersonal Communication
  - Public Relations

Interpersonal Communication

Students are required to complete three courses in their respective areas of emphasis. These courses include:

- ACS 520 Seminar in Interpersonal Communication
- ACS 521 Seminar in Computer-Mediated Communication
- ACS 522 Seminar in Family Communication

Applied Communication Studies (MA)

Areas of Emphasis

- Public Relations
  - Corporate and Organizational Communication
  - Health Communication
  - Interpersonal Communication
  - Public Relations

Public Relations

Students are required to complete three courses in their respective areas of emphasis. These courses include:

- ACS 550 Seminar in Public Relations
- ACS 551 Nonprofit Public Relations
- ACS 552 Corporate Social Responsibility

Art and Design Studio (MFA)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Minimum GPA of 2.50
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Submit three letters of recommendation by those familiar with your current artwork
- Provide a cover letter, resume/cv, artist statement and letter of intent of approximately 500 words, indicating professional aspirations and more immediate objectives you will pursue while in graduate school at SIUE
- Submit a digital portfolio (PPT or PDF) of 20 images

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions Office with questions regarding the application submission process at graduateadmissions@siue.edu.

A committee consisting of the graduate studio faculty who offer MFA classes will review the applications. Letters of acceptance will be mailed approximately one month following the deadline, initially by the Graduate Admissions Office, with a follow up letter from the Department of Art and Design. If an application is not approved, the portfolio will be promptly returned. If approved, the portfolio will be retained by the department until the student arrives on campus or until its return is requested.

Persons with deficiencies may enroll as unclassified graduate students for a limited time. Upon completion of the deficiencies, the student submits a portfolio of recent work to the graduate faculty before admission to the program is granted.

So that the MFA program can achieve a broader perspective, students who receive their undergraduate art degrees at institutions other than SIUE will be given higher priority in acceptance for admission.

Students pursuing the MFA at SIUE are required to explore additional electives in other studio areas in order to inform and enhance their personal work (see Program of Study). An open dialogue with materials and media is encouraged, as is refining one's singular medium interests. With this said, students must apply to a single area of studio concentration and work to develop their interests in concert with their studio advisor. Applications for the MFA should be limited to one studio concentration at the time of applying.

Review the SIUE Admissions Policy for more information.

Application Deadline

It is the candidate's responsibility to ensure the application, transcript(s), letter and portfolio arrive at SIUE on time. The deadline for admission is February 1 of the preceding spring semester. Additional applications will be considered after this date on a space-available basis.

Art and Design Studio (MFA)

Curriculum

The full-time student should expect to spend a minimum of three academic years in residency to complete the MFA. The program is based on the individual's area of interest and undergraduate training, and is jointly planned by the student, a committee of the graduate faculty and a professor who serves as advisor to the student in their principal studio area.

Total 60 hours (at least 30 at the 500-level)

- (21-30 hours) Major Studio Area
- (9 hours) Art History
- (6-15 hours) Electives (outside major studio area)
- (3 hours) ART 505 Seminar
- (3 hours) ART 506 Professional Practices
- (3 hours) ART 441 Drawing
- (3 hours) ART 599A Thesis
- (3 hours) ART 599B Thesis

First Year Review

At the end of their first year, each graduate student goes through a pass/fail/probation evaluation by a three-person committee comprised of studio faculty members outside of the student's discipline who are randomly selected by the Art and Design office. In addition, student's academic status in their art history course(s) will be factored into the evaluation for the first year. The evaluation consists of a presentation by the student of their progress for the year, followed by a question and answer period. Although the process is similar in structure to the final orals, it is not as rigorous and is designed to measure and inform students as to where they stand in terms of the department's expectations for the first year.

All evaluations by the committees ultimately go through the area head of the student's discipline before final decisions are made. If a student passes, they move on to committee selection. If a student fails, they are asked to leave the program. If a student is placed on probation, they receive a recommendation for improvement and are evaluated by the committee again at the beginning of the fall semester of their second year. At this point a student either passes or fails.

Mid-Course Review

Prior to the beginning of a student's fourth term, or upon completion of 30 hours of graduate credit (whichever comes first), the candidate will undergo a rigorous mid-course academic review. This is conducted by the candidate's MFA Committee, which should consist of at least three members of the graduate faculty, at least one of whom must be a specialist from the student's major studio area.

The mid-course review consists of an oral interview in which the candidate shall present the creative work completed since arriving at SIUE. In addition, the candidate shall present evidence of his/her knowledge of art history and other material deemed pertinent by the committee for successful completion of the degree.

Additional evidence will also be submitted in the form of written essays, composed in response to questions from members of the candidate's graduate committee who will evaluate the candidate's answers for clarity of expression, as well as for correctness of factual detail.

Thesis and Thesis Exhibition

The final examination for the MFA includes both written and oral forms, including a thesis defense. During their final year, all candidates for the MFA in art studio must complete six semester hours of thesis. The full first draft of the thesis, a written exposition of the candidate's artwork, is written in ART 599A in consultation with the candidate's committee. In ART 599B, the candidate designs and mounts the thesis exhibition. Upon acceptance of the written thesis, the student's graduate committee and other members of the graduate faculty are invited to be present for the final oral examination. The candidate is expected to

defend the thesis and exhibition, and to show knowledge of the general area of investigation and related areas of art and art history. One piece of artwork from the thesis exhibition, chosen by the candidate in consultation with the thesis committee, is retained by the Department of Art and Design for the permanent art collection of the SIUE University Museum.

Art and Design Studio (MFA)

Graduation Requirements

The final examination for the MFA includes both written and oral forms, including a thesis defense. Upon acceptance of the thesis, the student's graduate committee and other members of the graduate faculty are invited to be present for the final oral examination. This examination is typically scheduled during or after the thesis exhibition. The candidate is expected to defend the thesis and exhibition, and to show knowledge of the general area of investigation and related areas of art and art history.

Review the graduation policy for more information.

Art Therapy Counseling (MA)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment in one of the following:
  - Art Studio
  - Art Education
  - Psychology
  - A related field
- Minimum GPA of 2.50
- Scores from Graduate Record Examination (GRE)
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- 12-15 digital images of personal artwork
- 500-word Statement of Purpose
- Three letters of recommendation from professional or academic references (there is no set form)
- Resume
- Personal and group interviews with faculty are also required after application materials have been received

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions Office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admission Policy for more information.

Prospective students must show evidence of having completed the following prior to admission to the program:

- 18 hours of art studio
- Minimum of 12 hours of psychology, including developmental and abnormal psychology, as well as psychological statistics. Statistics in a related social or health field may be considered

Applicants with deficiencies will be required to take prerequisite coursework before admission to the program.

Application Deadline

The application deadline for the following fall admission is January 15.

Art Therapy Counseling (MA)

Program of Study

The Master of Arts in art therapy counseling requires a minimum of 60 semester hours.

Required courses (42 hours)

- ART 550 Counseling Techniques in Art Therapy
- ART 552 Assessment of Individuals and Families
- ART 555 Art Therapy with Groups
- ART 556 Family Art Therapy
- ART 557 Developmental Theory and Art Therapy
- ART 561 Multicultural Issues in Art Therapy
- ART 566 Research Methodology in Art Therapy
- ART 573 Counseling Theory and Art Therapy
- ART 574 Career Counseling
- ART 575 Professional Ethics and Legal Issues
- ART 595 Research Projects
- ART 553 Art Therapy with Children and Adolescents
- ART 554 Art Therapy Counseling with Adults
- SOCW 564 Substance Use Services

Required Options (Six hours)

- (3) Studio Art
- (3) Psychopathology (PSYC 431, 531, or 553; or SOCW 537)

Required Fieldwork (Three hours minimum)

- ART 564

Required Practicum (Seven hours minimum)

- ART 559

Electives

- Two or more hours in studio art, psychology, social work, or a related field

This program of study, approved by the American Art Therapy Association in 1992, is designed to meet the requirements for students to become:

- Licensed as clinical professional counselors in the state of Illinois
- Registered art therapists with the American Art Therapy Association
- The program can be completed in three years of full-time study

During their first year in the program, all students begin fieldwork in Head Start facilities. This introductory practicum is completed in concert with coursework in developmental theory, assessment and child art therapy.

During their second and third years in the program, each student's experience becomes more individualized, with the student choosing from over 100 practicum sites with a wide range of client populations. Prior to beginning ART 559 (Practicum in Art

Therapy), students must undergo a mid-course review to determine readiness to work with a client population in a counseling setting. The review is comprised of a self-critique, evaluations from all instructors, and a meeting with the program director and faculty. The faculty will evaluate a student's ability to continue in the program based upon an examination of the student's performance in fieldwork, academic learning, professionalism, ability to participate in and process class experiential learning, and psychological readiness to take on a more intensive practicum.

Elective Examples:

- ART 572 Medical Art Therapy
- ART 549 Special Topics in Art Therapy
    - Recent topics include arts-based community development

Art Therapy student presentation

Art Therapy Counseling (MA)

Graduation Requirements

In addition to successful completion of the program of study, students are required to complete a final project, which can be a traditional research paper or a creative effort accompanied by a written paper in appropriate academic form. The topic and format must be acceptable to the research committee, which is composed of the director of the art therapy counseling program and two other graduate faculty members.

Students will complete 800 practicum hours.

After the final project is submitted and evaluated by the research committee, the candidate must successfully complete an oral examination conducted by the research committee.

Review the graduation policy for more information.

 Student presentations

Biological Sciences (MA,MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- GPA of at least 2.8 on 4.0 scale preferred
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Statement of Purpose: A personal letter/statement summarizing the applicant's preparation and experience leading to the undertaking of a master's program of study at SIUE, and outlining the applicant's academic and career goals, highlighting the role that a master's degree in biological sciences at SIUE will serve in meeting those goals.
- At least two letters of recommendation, not including the prospective faculty mentor, preferably from instructors and/or individuals who are familiar with the applicant's academic and professional preparation for undertaking a master's program in the biological sciences (submitted directly by the recommenders).
- A faculty mentor's written agreement, submitted directly by the SIUE faculty member.
- Applicants with an undergraduate GPA below 2.8 on a 4.0 scale should provide additional justification for admission with clear evidence of potential for success. This may include, but is not limited to: General GRE scores completed within the previous two years, documented relevant work experiences, additional justification by a prospective faculty mentor, explanation of prior coursework record, and successful relevant graduate coursework. These applicants should contact the Graduate Program Director (bio_grad@siue.edu) on initiating an application with notice of the additional items that will be submitted for review.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions Office with questions regarding the application submission process at graduateadmissions@siue.edu.

All applicants must have a faculty member agree in writing to serve as a graduate mentor in order to be considered for acceptance. Therefore, applicants are encouraged to identify and contact prospective graduate mentors, preferably when all other application materials have been submitted, and to contact the biological sciences graduate program director (bio_grad@siue.edu) for assistance, if needed.

Students accepted into the biological sciences graduate program are expected to have completed coursework equivalent to the SIUE undergraduate biology degree requirements, or they may be expected to resolve any deficiencies by completing coursework beyond that required for the graduate degree. Upon admission to the program, the student shall consult with his/her mentor to review the student's academic record and develop a plan of coursework that will address any academic deficiencies.

For full consideration for assistantship support, all application materials including the mentor's written agreement should be submitted by February 1 for the following fall semester, and September 1 for the following spring semester. Applications received after these dates will be considered for any remaining funding. The February 1 and September 1 dates are strongly recommended for all international applications to permit sufficient time for the approval process and visa requirements to be completed.

Review the SIUE Admissions Policy for more information.

Biological Sciences (MA,MS)

Curriculum

Master of Arts (MA): A student may earn an MA while following the thesis plan. The MA requires a minimum of 32 semester hours, of which at least 24 semester hours must be in biology. The MA also requires a reading knowledge of a foreign language. The foreign language requirement must be met at least three months prior to graduation by passing an examination offered by the Department of Foreign Languages and Literature.

Master of Science (MS): Thesis and non-thesis plans of study are available for fulfillment of the requirements of the MS. The thesis and non-thesis plans require a minimum of 32 semester hours, of which at least 24 semester hours must be in biology. There is no foreign language requirement for the MS.

Thesis Plan

- At least nine semester hours in biology must be earned in courses numbered BIOL 415-490 or 514-590
- Required courses: BIOL 501, 502, and 503 must be completed. BIOL 595 or 596 must be completed twice, or in combination, and must be taken under at least two different faculty members. Completion of BIOL 592 at least twice is required.
- Electives: Eight additional elective semester hours may be needed to reach 32 semester hours.
- Thesis: Students must complete a thesis based on their original research, and must enroll in at least three semester hours of BIOL 599.

Non-Thesis Plan

- At least 14 semester hours in biology must be earned in courses numbered BIOL 415-490 or 514-590
- Required courses: BIOL 501, 502, and 503 must be completed. BIOL 595 or 596 must be completed twice, or in combination, and must be taken under at least two different faculty members. Completion of BIOL 592 at least twice is required.
- Electives: Two additional elective semester hours may be needed to reach 32 semester hours.
- Research Paper: At least four, but no more than eight semester hours must be taken in BIOL 591 and 593, culminating in an acceptable final research paper.

Biological Sciences (MA,MS)

Graduation Requirements

For the final examination in biological sciences for either the Master of Arts (MA) or the Master of Science (MS), students meet with their advisory committee for a public oral defense of the thesis or research paper.

Review the graduation policy for more information.

Chemistry (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Must have completed at least 36 semester hours in chemistry with an overall GPA of at least 3.0 on a 4.0 scale.
- International students: A minimum score of 550 on the paper-based Test of English as a Foreign Language (TOEFL) test, 79 on the internet-based TOEFL test, or Overall Band of 6.5 on International English Language Testing System (IELTS), is required.
- All applicants must provide evidence to show they can participate effectively in the department's program. Evidence should include the completion of a baccalaureate degree in chemistry or related science majors.
  - Evidence may also be previous, related study or creative work, two letters of recommendation, research papers, GRE (not required) or honors and awards.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Chemistry (MS)

Curriculum

All students must complete 30 semester hours of graduate coursework with a GPA of 3.2 or higher on a 4.0 scale. At least 24 hours must be in 500-level chemistry courses. Both thesis and non-thesis plans of study are available.

Both thesis and non-thesis plans require:

Core course requirements (12 hours) selected from: CHEM 511, 531, 541, 551, 561

Graduate seminar (2 hours): Attendance in CHEM 575 is required for each semester during the academic year

Electives (6 hours): Coursework may include non-chemistry courses that will contribute to the student's career objectives

Additional requirements for thesis plan:

Successful completion of at least 10 hours of CHEM 597 and 599 is required. Satisfactory completion requires the submission of an acceptable thesis, oral presentation and defense of thesis results.

Additional requirements for non-thesis plan:

Acceptance into the non-thesis plan by the graduate committee and 10 additional hours of coursework at the 500-level are required. Up to four hours of credit from CHEM 596 and 597 can be applied toward the non-thesis plan. Students who pursue the non-thesis plan of study will make an oral presentation and defense of a final paper based on a current literature topic and/or their research achievements.

Chemistry (MS)

Early Entry BS and MS in Chemistry

The Department of Chemistry offers undergraduate students the opportunity to begin coursework toward the Master of Science during the senior year of their Bachelor of Science program. Students with senior-level status (at least 90 semester hours) and an overall GPA of at least 3.0 on a 4.0 scale may be admitted to the early entry MS program, allowing them to earn 24 hours of graduate-level credit (400- and 500-level) during their combined senior and graduate years. An application for degree-seeking status as a graduate student must be approved by the Graduate School and the Graduate Committee in Chemistry. A program outline must also be submitted for approval by the Graduate Dean and the director of the graduate program in chemistry prior to enrollment in any courses in order to be included as a part of the master's program. Official admission to the program and to classified graduate status is made only after the award of the baccalaureate degree. In no case will a graduate degree be conferred before all requirements for both degrees have been completed.

Chemistry (MS)

Graduation Requirements

Students following the thesis plan will make an oral presentation and defense of their thesis results. Students who pursue the non-thesis plan of study will make an oral presentation and defense of a final paper based on a current literature topic and/or their research achievements.

Review the graduation policy for more information.

Psychology - Clinical Child and School Psychology (MS)

Admission Requirements

- Graduate School application, including program questions, and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Minimum GPA of 2.50
- Graduate Record Examination (GRE) scores: verbal, quantitative, and writing areas
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Three letters of recommendation
- Goal Statement/Statement of Purpose
- Resume/CV

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Completing an undergraduate major or minor in psychology is the desirable and typical undergraduate preparation for a graduate degree in psychology. Qualified applicants from other academic backgrounds may enter the psychology graduate program provided they have completed the prerequisites. In addition to completing at least one (1) course each in introductory psychology, research methods/experimental psychology, statistics, and psychological tests and measurements. Applicants may be accepted provisionally if they are missing one or two prerequisites provided they complete these prerequisites prior to beginning the graduate program.

Review the SIUE Admissions Policy for more information.

Application Deadline

New students are admitted exclusively in the fall semester (which begins in late August). All application materials are due no later than **January 15**.

Psychology - Clinical Child and School Psychology (MS)

Curriculum

The master of science degree with a specialization in clinical child and school psychology requires 40 semester hours for completion.

Clinical Child and School Specialization:

- **Required Courses (30 hours):** PSYC 514, 520, 521, 537a, 541a, 543a, 553, 556, 557, 565
- **Required practicum (7 hours):** PSYC 524
- **Thesis (3 hours):** PSYC 599, or Research Project (3 hours): PSYC 598

Psychology - Clinical Child and School Psychology (MS)

Graduation Requirements

Candidates for the master of science (MS) must submit a thesis proposal for approval by a thesis advisory committee, carry out the proposed thesis, submit a written report and complete an oral examination. MS candidates intending to pursue the Specialist Degree may choose to complete an acceptable research paper rather than a thesis.

Candidates for the Specialist Degree must submit a thesis proposal for approval by a thesis advisory committee, carry out the proposed thesis, submit a written report, and complete an oral examination.

Review the graduation policy for more information.

Psychology - Clinical Child and School Psychology (MS)

Specializations

School Psychology

The Department of Psychology offers the specialist degree in school psychology. This program provides advanced academic and professional training for students pursuing a career in school psychology. The program leads to certification as a school psychologist in the state of Illinois and is fully accredited by the National Association of School Psychologists.

Admission Requirements

- Graduate School application

Applicants for the Specialist in school psychology must have a grade of 'C' or higher in all courses in the SIUE master's in clinical child and school psychology program and must have also earned a cumulative GPA of 3.00 or higher in that program. Applicants must have passed the Illinois Test of Academic Proficiency (TAP) or show proof of an acceptable score on the ACT or SAT. Applicants who wish to gain a specialist in school psychology degree should first complete the Master of Science in clinical child and school psychology. It should be noted that the school psychology track of the Master of Science and the specialist in school psychology together typically take only three years to complete, which is a similar amount of time compared to other school psychology degree programs.

Application Deadline

October 1
Internal applicants only.

Coursework

The specialist degree in school psychology requires a minimum of 32 hours beyond the Master of Science (MS):

- Required Courses (15 hours):PSYC 539, 544, 545, 584, 594
- Required practicum (4 hours): PSYC 524
- Internship (10 hours): PSYC 596
- Thesis (3 hours): PSYC 599

Graduation Requirements

Candidates for the specialist degree must submit a thesis proposal for approval by a thesis advisory committee, carry out the proposed thesis, submit a written report, complete an oral examination and have a minimum GPA of 3.25.

Civil Engineering (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Cumulative GPA in all undergraduate engineering, mathematics, and science courses of at least 2.75 on a 4.0 scale, or 70% on other scales. For those not meeting this requirement but having at least four years of work experience, supporting evidence (such as a letter of explanation from the applicant, high GRE scores, letters of recommendation from employers, and PE licensure) will also be considered. International students are encouraged to submit GRE scores along with other required graduate admission documentation.
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

If admitted, those who do not have a Bachelor of Science in civil engineering may be required to complete prerequisite courses that are not for graduate credit. Note that a Master of Science will not typically qualify a candidate to take the PE licensure examination.

Further information on the Department of Civil Engineering's policies can be found on the Department's website.

Review the SIUE Admissions Policy for more information.

Civil Engineering (MS)

Specialized Learning Opportunities

- Civil Engineering Professional Development Sequence
  - Environmental/Water Resources Specialization
  - Geotechnical Engineering Specialization
  - Structural Engineering Specialization
  - Transportation Engineering Specialization
  - Civil Engineering Professional Development Sequence
  - Early Entry BS and MS in Civil Engineering

Civil Engineering Professional Development Sequence

The Department of Civil Engineering offers two Professional Development Sequences (PDSs). Each PDS is designed to give students a thorough understanding of sustainability in a particular area of civil engineering.

Admission

Graduate students who are officially admitted to, and in good standing with, the Graduate School and the Department of Civil Engineering may apply for enrollment in one of the PDSs. The civil engineering graduate program director will issue admission notification and approvals. Students must be approved for graduate study in civil engineering with a "classified graduate student" status. Admitted students are expected to have completed all prerequisite courses for each PDS course.

Program of Study

Sustainable Planning in Civil Engineering:

- (3) CE 475 Transportation Planning
- (3) CE 588 Solid Waste Management
- (3) CE 596 Sustainable Engineering

Sustainable Infrastructure in Civil Engineering:

- (3) CE 460 Municipal Infrastructure Design
- (3) CE 578 Intelligent Transportation Systems
- (3) CE 596 Sustainable Engineering

Civil Engineering (MS)

Program of Study

After admission and before enrolling in any courses, students are required to meet with the Graduate Program Director, who appoints, in consultation with the student, an advisory committee suited to the student's background and interests.The advisory committee assists the student in planning a program of study. This plan is to be completed by the end of the first semester.

Because of the importance of communication to the engineering profession and the need for excellent writing skills to complete degree requirements, all students are required to satisfactorily complete a technical writing course. Students with good writing skills may elect to submit an essay to be evaluated for conditional exemption from the English course requirement. If conditional exemption is granted, the student will substitute another approved course in the plan of study.

At least 20 semester hours must be in courses taught in civil engineering, and at least 15 semester hours must be at the 500-level.

Thesis Option

Students selecting the thesis option must complete a minimum of 30 semester hours. Students will be guided in thesis work by a thesis advisor, with the assistance and concurrence of the advisory committee. The number of hours to be awarded for thesis credit (CE 599-up to six credit hours) is to be specified by the advisory committee prior to approval of the thesis proposal. Thesis credit counts as part of the 30 credits required for the degree. Writing a thesis involves an intensive research effort and may require about six months to complete. The thesis must be formally accepted by the Graduate School.

Non-Thesis Option
Students selecting the non-thesis option must complete a minimum of 31 semester hours. Students prepare a research paper, the topic of which is mutually agreed upon by the student and the advisory committee. One credit hour is awarded for non-thesis credit (CE 593) and counts as part of the 31 credits required for the degree. Guidelines are available on the department website.

In developing a plan of study, students need to consider which courses will enable them to reach their goals as a civil engineer. Students may wish to choose from a variety of courses available to assist them in the completion of their thesis or final research paper. Note that not all courses may be offered at all times and that course offerings do not guarantee availability of a spot in that class. It is up to students to review published schedules and consult with their advisor to find out when the courses are offered and how they will fit into their course of study schedules. In addition, it is up to students to assure that they have met the prerequisites for courses prior to enrollment.

Doctoral Degree

A doctoral degree requires a minimum of 26 semester hours of coursework, a qualifying exam and 24 semester hours of dissertation research.

Civil Engineering (MS)

Specialized Learning Opportunities

- Early Entry BS and MS in Civil Engineering
  - Environmental/Water Resources Engineering Specialization
  - Geotechnical Engineering Specialization
  - Structural Engineering Specialization
  - Transportation Engineering Specialization
  - Civil Engineering Professional Development Sequence
  - Early Entry BS and MS in Civil Engineering

Early Entry BS and MS in Civil Engineering

Combined Program Leading to Bachelor of Science /Master of Science in Civil Engineering

The Department of Civil Engineering offers undergraduate students the opportunity to begin coursework towards the Master of Science during the senior year of their Bachelor of Science program. Students with senior-level status in civil engineering (at least 90 semester hours) and an overall GPA of 3.25 on a 4.0 scale in engineering, mathematics, and physical science courses may be admitted to the BS/MS program, allowing them to earn 30 hours of graduate-level credit (400- and 500-level) during their combined fourth and fifth years. These students are eligible to apply for assistantships in the department. An application for degree-seeking status as a graduate student must be approved by Graduate Admissions and the Graduate Admissions Committee in civil engineering. A program outline must be submitted for approval by the graduate program director and Graduate Records prior to enrollment in any courses in order to be included as a part of the master's program. Official admission to the graduate program with status as a classified graduate student is made only after the award of the baccalaureate degree. In no case will a graduate degree be conferred before all requirements for both degrees have been completed.

Civil Engineering (MS)

Graduation Requirements

Thesis Option
After all requirements for the Master of Science are met, per the approved program of study, an oral final examination directed on the coursework and related material on the thesis will be given by the advisory committee.

Non-Thesis Option
After all requirements for the Master of Science are met, per the approved program of study, a final examination comprised of written elements, as well as an oral examination directed on the research paper will be given.

Doctoral Degree
After all requirements for the doctoral degree are met, per the approved program of study, an oral dissertation defense will be given by the dissertation committee.

Review the graduation policy for more information.

Civil Engineering (MS)

Specialized Learning Opportunities

- Environmental/Water Resources Engineering Specialization
  - Environmental/Water Resources Engineering Specialization
  - Geotechnical Engineering Specialization
  - Structural Engineering Specialization
  - Transportation Engineering Specialization
  - Civil Engineering Professional Development Sequence
  - Early Entry BS and MS in Civil Engineering

Environmental/Water Resources Engineering Specialization

Environmental engineering includes the design and operation of water distribution and wastewater collection systems, water and wastewater treatment facilities, managing biosolids and solid waste, as well as preventing pollution. Water resources engineering includes designing and maintaining stormwater facilities to manage both the quantity and quality of runoff. Facilities could include green roofs, permeable pavements, retention basins, infiltration basins and many more.

Courses

Students are required to complete 10 courses, which is 30-31 hours of advanced study. At least 15 hours must be at the 500-level. At least seven courses must be chosen from the following list:

- (3) CE 416 Engineering Hydrology
- (3) CE 460 Municipal Infrastructure Design
- (3) CE 480 Environmental Analysis
- (3) CE 486 Wastewater Treatment Design
- (3) CE 487 Water Treatment Design
- (3) CE 488 Hazardous Waste Management
- (3) CE 581 Advanced Wastewater Treatment
- (3) CE 582 Water Quality and Treatment
- (3) CE 587 Air Pollution Control
- (3) CE 588 Solid Waste Management
- (3) CE 589 Industrial Materials and Waste
- (3) CE 596 Sustainable Engineering

Upon advance approval of the committee, CE 591 or 599 may be taken in place of one or two of the above courses. Students will need to complete a course study proposal prior to enrolling in either of these classes. In addition, up to three special course offerings, generally listed as CE 492 or 592, may be taken with the advance approval of the committee. ENG 491 is required for all students unless conditional exemption is granted; see the Writing Proficiency Requirement for further details. ENG 491, if taken, can be counted as part of the 30-31 hours of advanced study. CE 593 is required for the non-thesis option. For lists of pre-approved courses, see the Department of Civil Engineering.

Civil Engineering (MS)

Specialized Learning Opportunities

- Geotechnical Engineering Specialization
  - Environmental/Water Resources Engineering Specialization
  - Geotechnical Engineering Specialization
  - Structural Engineering Specialization
  - Transportation Engineering Specialization
  - Civil Engineering Professional Development Sequence
  - Early Entry BS and MS in Civil Engineering

Geotechnical Engineering Specialization

Geotechnical engineering includes the design of underground space and infrastructure. Designs could address mine subsidence, levee construction or stabilization, foundations, and road base materials.

Courses

In developing a plan of study, students need to consider which courses will enable them to reach their goals as a geotechnical engineer. Students may wish to choose courses that assist in the completion of a thesis or final research paper. The following highlights the variety of courses available. Note that not all courses may be offered at all times and that course offerings do not guarantee availability of a spot in that class. It is up to students to review published schedules and consult with their advisor to find out when the courses are offered and how they fit into a course of study schedule. In addition, it is up to students to ensure they have met the prerequisites for the courses prior to enrollment.

Students are required to complete 10 courses, which is 30-31 hours of advanced study. At least 15 hours must be at the 500-level. ENG 491 is required for all students unless conditional exemption is granted; see the Writing Proficiency Requirement for further details. ENG 491, if taken, can be counted as part of the 30-31 hours of advanced study. CE 593 is required for the non-thesis option. CE 599 is required for the thesis option.

At least five courses must be chosen from the following list:

- (3) CE 455 Foundation Design
- (3) CE 457 Soil Mechanics in Engineering
- (3) CE 545 Structural Dynamics
- (3) CE 548 Finite Elements
- (3) CE 596 Sustainable Engineering
- Appropriate three credit hour substitute to be approved by the advisor
- CE 591 or 599 may be taken in place of up to two of the above courses upon advance approval of the committee. You will need to complete a course study proposal prior to enrolling in either of these classes.
- In addition, up to three special course offerings, listed as CE 492 or CE 592, may be taken with the advance approval of the committee.
  - (3) CE 492-10 Geological and Geotechnical Exploration
  - (3) CE 492-11 Soil Improvement Methods
  - (3) CE 492-12 Environmental Geotechnics
  - (3) CE 592-02 Advanced Soil Mechanics
  - (3) CE 592-10 Design of Levees and Floodwalls
  - (3) CE 592-11 Geotechnical Earthquake Engineering
  - (3) CE 592-12 Advanced Foundation Engineering
  - (3) CE 592-13 Geotechnical Instrumentation

The remaining credit hours should be completed in consultation with your advisor from the specialization list or the approved elective list on the department webpage.

Civil Engineering (MS)

Specialized Learning Opportunities

- Structural Engineering Specialization
  - Environmental/Water Resources Engineering Specialization
  - Geotechnical Engineering Specialization
  - Structural Engineering Specialization
  - Transportation Engineering Specialization
  - Civil Engineering Professional Development Sequence
  - Early Entry BS and MS in Civil Engineering

Structural Engineering Specialization

Structural engineering includes the design of buildings and bridges, considering loads such as wind, earthquakes and people. Designs could include materials such as concrete, steel, timber, masonry and fiber-reinforced polymers.

Courses

Students are required to complete 10 courses, which is 30-31 hours of advanced study. At least 15 hours must be at the 500-level. At least seven courses must be chosen from the following list:

- (3) CE 435 Pavement Design
- (3) CE 441 Design of Timber Structures
- (3) CE 443 Design of Masonry Structures
- (3) CE 445 Advanced Structural Analysis
- (3) CE 446 Advanced Concrete Design
- (3) CE 449 Advanced Steel Structures
- (3) CE 455 Foundation Engineering
- (3) CE 541 Bridge Engineering
- (3) CE 545 Structural Dynamics
- (3) CE 548 Finite Elements
- (3) CE 549 Earthquake Engineering
- (3) CE 596 Sustainable Engineering

Upon advance approval of the committee, CE 591 or 599 may be taken in place of one or two of the above courses. Students will need to complete a course study proposal prior to enrolling in either of these classes. In addition, up to three special course offerings, generally listed as CE 492 or 592, may be taken with the advance approval of the committee. ENG 491 is required for all students unless conditional exemption is granted; see the Writing Proficiency Requirement for further details. ENG 491, if taken, can be counted as part of the 30-31 hours of advanced study. CE 593 is required for the non-thesis option. For lists of pre-approved courses, see the Department of Civil Engineering.

Civil Engineering (MS)

Specialized Learning Opportunities

- Transportation Engineering Specialization
  - Environmental/Water Resources Engineering Specialization
  - Geotechnical Engineering Specialization
  - Structural Engineering Specialization
  - Transportation Engineering Specialization
  - Civil Engineering Professional Development Sequence
  - Early Entry BS and MS in Civil Engineering

Transportation Engineering Specialization

Transportation engineering focuses on the design of facilities that enable the mobility of travelers. These include designing highways, traffic signals and pavements. Transportation engineers consider factors such as pedestrian and traffic safety, evacuations, pavement management and intelligent transportation systems.

Courses

Students are required to complete 10 courses, which is 30-31 hours of advanced study. At least 15 hours must be at the 500-level. At least seven courses must be chosen from the following list:

- (3) CE 435 Pavement Design
- (3) CE 460 Municipal Infrastructure Design
- (3) CE 473 Travel Demand Forecasting
- (3) CE 474 Computer Simulation in Traffic Engineering
- (3) CE 475 Transportation Planning
- (3) CE 476 Traffic Studies
- (3) CE 574 Transportation Security
- (3) CE 575 Advanced Geometric Design of Highways
- (3) CE 578 Intelligent Transportation Systems
- (3) CE 579 Transportation Safety Systems
- (3) CE 596 Sustainable Engineering

Upon advance approval of the committee, CE 591 or 599 may be taken in place of one or two of the above courses. Students will need to complete a course study proposal prior to enrolling in either of these classes. In addition, up to three special course offerings, generally listed as CE 492 or 592, may be taken with the advance approval of the committee. ENG 491 is required for all students unless conditional exemption is granted; see the Writing Proficiency Requirement for further details. ENG 491, if taken, can be counted as part of the 30-31 hours of advanced study. CE 593 is required for the non-thesis option. For lists of pre-approved courses, see the Department of Civil Engineering.

Psychology - Clinical Psychology (MA)

Admission Requirements

- Graduate School application, including program questions, and $40 fee
- Submission of all postsecondary transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Minimum GPA 2.50
- Graduate Record Examination (GRE) scores: verbal, quantitative and writing areas
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Three letters of recommendation
- Goal Statement/Statement of Purpose
- Resume/CV

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Completing an undergraduate major or minor in psychology is the desirable and typical undergraduate preparation for a graduate degree in psychology. Qualified applicants from other academic backgrounds may be considered for the psychology graduate program provided they have completed the prerequisites. In addition to completing at least one (1) course each in general psychology, experimental psychology, statistics, and psychological tests and measurements, each specialization has additional required courses that must be completed prior to beginning the graduate program. Information on these courses can be obtained from the Department of Psychology.

Review the SIUE Admissions Policy for more information.

Application Deadline

New students are admitted exclusively in the fall semester (which begins in late August). All application materials are due no later than **January 15**. Applicants should be aware that the application for the optional Competitive Graduate Award is the first Friday in December.

Psychology - Clinical Psychology (MA)

Curriculum

The Master of Arts program requires 42 semester hours of graduate credit to complete the specialization in clinical psychology:

- **Required courses (27 hours)**
    - PSYC 514-Advanced Biopsychology
    - PSYC 520-Research Design & Inference I
    - PSYC 521-Research Design & Inference II
    - PSYC 531-Advanced Psychopathology
    - PSYC 535-Cognitive Behavioral Psychotherapy
    - PSYC 537b-Counseling and Psychotherapy of the Adult
    - PSYC 538-Group Counseling and Psychotherapy
    - PSYC 541b-Cognitive Assessment of the Adult
    - PSYC 543b-Personality Assessment of the Adult
- **Required practicum (6 hours)**
    - PSYC 523-Practicum in Clinical Psychology
- **Electives (6 hours)**
    - Typically PSYC 507-Multicultural Counseling and Psychotherapy
    - PSYC 550-Ethics and Professional Issues in Psychology
- **Thesis (3 hours)**
    - PSYC 599-Thesis

Psychology - Clinical Psychology (MA)

Graduation Requirements

Candidates for the Master of Arts must submit a thesis proposal for approval by a thesis advisory committee, carry out the proposed thesis, submit a written report and complete an oral examination.

Review the graduation policy for more information.

CMIS (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- A bachelor's degree from an accredited college or university. The undergraduate major is typically in business. Individuals with other backgrounds who are interested in the program are invited to discuss their career objectives with the program director to determine if their goals are consistent with the objectives of their program
- An undergraduate GPA of 2.5 or above on a 4.0 scale
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Submission of a Statement of Purpose, detailing the applicant's background and career plans
- Submission of Graduate Management Admission Test (GMAT) or Graduate Record Examination (GRE) scores
- Applicants who hold a PhD, MD, LLM, DDS, DNP, EdD, or the equivalent in a recognized field from an accredited program in an acceptable U.S. university need not submit a GMAT/GRE score.
- Applicants holding a master's, PharmD, or JD from an accredited program at an acceptable U.S. institution can make a request to waive the GMAT/GRE exam requirement.
- Applicants with a 3.2 or better GPA in undergraduate business degrees from AACSB-accredited business programs or a 3.2 or better GPA in undergraduate engineering degrees from ABET-accredited engineering programs can waive the GMAT/GRE requirement. Applicants with a 3.0 or higher GPA and a minimum of three years of full-time professional work experience can make a request to waive the GMAT/GRE exam requirement.
- The decision to grant the GMAT/GRE waiver rests with the program director and CMIS admissions committee.
- Personal history information

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Departmental Admission Process

- Administrative review of your admission packet
- Review by the CMIS Graduate Committee

At minimum, students must have:

- An admission score of at least 1050, where admission score equals 200 times the four-year cumulative undergraduate GPA on a 4.0 scale, plus the GMAT score (or GRE equivalent score)
- A GMAT score of at least 500, with raw scores of at least 20 on the verbal portion and 25 on the quantitative portion, and an analytical writing score of at least 4.0; or GRE revised general test scores of at least 150 on verbal reasoning and 154 on quantitative reasoning, and an analytical writing score of at least 4.0
- Applicants with an undergraduate degree in a business discipline from an AACSB-accredited institution with an overall GPA of 3.5 or better on a 4.0 scale must meet the requirements for admission to the Graduate School, and have the option not to submit GMAT or GRE scores.

Admission decisions will be made by the CMIS Graduate Committee on a rolling basis as applications are received.

Review the SIUE Admission Policy for more information.

Program Foundation Courses (Prerequisite Courses)
Students entering the program will need the background detailed below. The program foundation courses are prerequisite courses that do not count toward completion of the Master of Science in CMIS. The background courses must have been acquired within the past seven years.

Proficiency in:

- Hardware and Systems Software
- One programming language: C ++, Visual Basic Language, COBOL Programming, Java Programming

- Financial Accounting
- Management of Organizations (Org. Behavior)
- Business functional course with an external customer focus

Prerequisites required:

- CMIS 310
- CS 140 or CMIS 142 or CMIS 260 or CMIS 230
- ACCT 200 or ACCT 524
- MKTG 300 or MKTG 525

Meets Foundation Need:

- Information Systems Foundation
- Business Foundation
- Business Foundation: Internal Focus
- Business Foundation: External Focus

CMIS (MS)

Program of Study

The program requires 31 semester hours and consists of seven core courses, three elective courses, and a final examination course. Students in the program must maintain a GPA of at least 3.0 on a 4.0 scale in all graduate courses. No credit is allowed toward degree completion for courses in which a grade below C (2.0) is earned. All program foundation courses must be completed with a grade of B (3.0) or better, including transfer credit.

Computer Management and Information Systems Core (21 hours)

- (3) CMIS 468 Business Telecommunications
- (3) CMIS 526 Information Systems and Technology
- (3) CMIS 528 Strategic Management of Information Technology
- (3) CMIS 540 Project Management Fundamentals and Best Practices
- (3) CMIS 557 Enterprise Resource Planning
- (3) CMIS 564 Database Design
- (3) CMIS 570 Software Systems Design

Elective Courses (9 hours)

Elective courses enable students to add a specialized focus to their study of information systems. Examples of specialized focuses include, but are not limited to:

- Project Management
- Business Analytics
- Systems Design, Development and Implementation
- Database Administration and Database Programming
- Enterprise-Wide Information Systems (ERP).

A formal project management specialization may be completed by selecting electives that fulfill requirements for the specialization. A formal business analytics specialization may be completed by selecting electives that fulfill requirements for the specialization.

The CMIS program director maintains the current list of approved electives. Students must submit a written request to the CMIS program director for approval to deviate from the approved elective list.

Students not possessing prior work experience within the information systems field will be required to select CMIS 587 Information Systems Internship as one of their electives. This is to ensure that students not possessing prior work experience are afforded the opportunity to practice learned skills in a supervised information technology environment prior to degree completion.

To complete the academic requirements for the MS in CMIS, students must complete the CMIS 587 Practical Experience Requirement and the CMIS 589 Final Exam Requirement.

CMIS (MS)

Graduation Requirements

Students must enroll in CMIS 589 Final Examination for one credit. Each graduation candidate must pass this final examination, conducted by the graduate faculty of the department. The final examination will require candidates to demonstrate an appropriate standard of scholarship and to provide evidence of their ability to think critically, to apply knowledge gained through the program, to draw and defend conclusions, and to complete work in a creditable manner. The examination will address topics covered in the CMIS core courses, and will also examine candidates on knowledge and understanding of topics covered in elective courses they completed. The final examination may be written or oral, as determined by the faculty.

Review the graduation policy for more information.

CMIS Exit Requirements

CMIS (MS)

Specializations

- Business Analytics
  - Business Analytics
  - Project Management

Business Analytics

Students may choose to pursue a Master of Science in Computer Management and Information Systems (MS in CMIS) with a specialization in business analytics. The specialization equips future business leaders with an understanding of the fundamentals of business analytics, exposure to concepts of analytics and information-driven decision making in various functional business domains, and experience in applying concepts of business analytics in a variety of industry-leading software platforms.

Coursework in the specialization balances theoretical concepts with applied exercises, cases, and projects. Students have the opportunity to apply concepts of business analytics to a real-world project addressing substantive business questions. These experiences enable the student that specializes in business analytics to emerge with a fundamental grounding in the concepts of business analytics, the process of designing and executing appropriate analyses based on the business issues involved, and the delivery of findings to a management audience.

In addition to the MS in CMIS foundation and core requirements (which include CMIS 526–Information Systems and Technology, and CMIS 564–Data Design), students choosing the specialization in business analytics must complete 12 credit hours:

- (3) MBA 521 Quantitative Analysis
- (3) CMIS 566 Introduction to Business Intelligence and Analytics
- (3) CMIS 567 Business Analytics Capstone

And one of the following:

- (3) CMIS 563 Oracle SQL/PL-SQL
- (3) CMIS 588 Seminar in Computer Management and Information Systems (with permission from the Graduate Program Director)
- (3) MKTG 560 Special Topics in Marketing Research (with permission of the Graduate Program Director)
- (3) MKTG 562 Syndicated Data Analysis
- (3) MKTG 595 Seminar in Marketing (with permission of the Graduate Program Director)
- (3) ECON 581 Seminar on Selected Economic Topics (with permission of Graduate Program Director)

CMIS (MS)

Specializations

- Project Management
  - Business Analytics
  - Project Management

Project Management

Students may choose to pursue a Master of Science in Computer Management and Information Systems (MS in CMIS) with a specialization in project management. This specialization equips future business leaders with an understanding of the fundamentals of project management and exposure to areas of key interest to project managers, such as project risk, procurement, quality management, and change management. Coursework addresses many of the concepts covered in the project management certification exam that is administered by the Project Management Institute.

Coursework in the specialization balances theoretical concepts with applied exercises and cases. Students have the opportunity to apply project management concepts and processes in a real-world project. These experiences enable the student that specializes in project management to emerge with a much better understanding of the dynamics and challenges associated with projects, as well as effective practices for managing them.

In addition to the MS in CMIS foundation and core requirements (which include CMIS 540 Project Management Fundamentals and Best Practices), students choosing the specialization in project management must complete nine credit hours. Specifically, students must complete the following courses:

- (3) CMIS 546 Project Procurement and Risk Management in Projects
- (3) CMIS 549 Project Management Standard Processes

And one of the following courses:

- (3) MGMT 551 Managing Organizational Change and Innovation
- (3) MGMT 553 Seminar in Quality and Performance Management
- (3) CMIS 548 Program and Project Portfolio Management
- (3) MBA 523 Negotiation and Interpersonal Skills for Managers

SIUE Project Support Center

The project management headquarters for the School of Business, the Project Support Center provides access to project management templates associated with the *Techniques for Managing Projects* textbook.

Project Management Institute and PMP Credential

The Project Management Institute (PMI) is the leading professional membership association for the project management profession. Explore the PMI website to learn more about the project management profession and certification.

College Student Personnel Administration (MSEd)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Successful completion of a bachelor's prior to enrollment
- Undergraduate grade point average (GPA) of at least 2.5 or above on a 4.0 scale
- Statement of Purpose: A list of professional experiences and a two-page, double-spaced written statement describing why they would like to enter the program
- International applicants may present a degree that is comparable to the U.S. baccalaureate, granted by an internationally recognized institution of higher learning. International applicants whose native language is not English must submit Test of English as a Foreign Language (TOEFL) scores taken within two (2) years prior to the desired term of admission. The minimum TOEFL scores are 550 (paper), 213 (computer-based), and 79-80 (Internet-based). In lieu of the TOEFL, an applicant may demonstrate a Total Band Score of 6.5 on the International English Language Testing System (IELTS).

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

If you are looking for a graduate assistantship, please contact Dr. Pietro Sasso, graduate program coordinator.

Be sure to track your admission status and contact the CSPA program to enroll once you have received your admission letter.

Application Deadline

The program uses a flexible cohort model, which means that a new cohort of students begins each summer. However, applicants may enroll in fall and spring semesters if space is available. The deadline is approximately one month before classes begin.

College Student Personnel Administration (MSEd)

Curriculum

Required Courses (27 hours)

- (3) EDAD 504-History, Philosophy, and Organization of Higher Education
- (3) EDAD 524-Legal and Ethical Issues in Student Affairs
- (3) EDAD 564-The Community College*
- (3) EDAD 574-Leadership and Administration in Higher Education
- (3) EPFR 503-Research Methods in Higher Education
- (3) EPFR 506-Assessment and Evaluation in Student Affairs
- (3) EPFR 514-College Student Learning and Development
- (3) EPFR 516-Individual and Group Dynamics
- (3) EPFR 522-Diversity in Higher Education

Research Project (6 hours)

- (6) EDAD 594-Final Research Project
  The student will select three faculty members to serve as the committee for the research project.

Practicum (6 hours)

- (6) EDAD 554-Practicum
  All students must complete a maximum of six credits of EDAD 554 Practicum. The practicum involves a minimum of 300 hours of supervised field work in at least two (2) different placements. Exceptions may be made for students who have been employed previously in higher education student affairs for at least six months. Such students may substitute an additional elective in place of their second EDAD 554 practicum.

Retention Policy

Academic achievement appropriate for students in the College Student Personnel Administration graduate program is demonstrated through satisfactory completion of course work, defined as obtaining a course grade of "A" or "B." The following retention policy applies specifically to all graduate courses within the program curriculum including approved elective course work:

1. Students who obtain a course grade of "D" or "F" in the program are withdrawn from the CSPA graduate program without the option of repeating the course.
2. Students may only earn one course grade of "C" and remain enrolled in the CSPA graduate program. A student earning a "C" will have suspended enrollment until a retention plan is created and signed by the student and the program director. If a second course grade of "C" is earned, students will no longer be allowed to progress in the CSPA graduate program, regardless of the cumulative GPA. Repeating a course in which there is originally a grade of "C" does not eliminate the original course grade of "C" from being applied toward this exclusion policy.
3. Per SIUE Graduate School policy, all students must have a GPA of 3.0 or higher to graduate.

Course Descriptions

History, Philosophy, and Organization of Higher Education
Key developments in the role and function of higher education in the U. S., with emphasis on student affairs practice.
Prerequisite: Admission to program

Legal and Ethical Issues in Student Affairs
Legal status of students; legal and ethical issues surrounding admissions, financial aid, student records, discipline, and support services.
Prerequisite: Admission to program

The Community College
Overview of 2-year postsecondary institutions, with emphasis on the evolution and functions of comprehensive community college.
Prerequisite: Admission to program

Leadership and Administration in Higher Education
Major leadership theories and their application to higher education, with emphasis on student affairs programs.
Prerequisite: Admission to program

Research Methods in Higher Education
Introduction to research methods in higher education, with a focus on conceptual, methodological, and practical issues in quantitative and qualitative research. Research Proposal Assignment.
Prerequisite: Admission to program

Assessment and Evaluation in Student Affairs
Introduction to assessment and program evaluation in higher education.
Prerequisite: Admission to program; completion of EPFR 503

College Student Learning and Development
Overview of college student development theories, processes and problems, with a focus on application.
Prerequisite: Admission to Program

Individual and Group Dynamics
Advisement of college students; the design, implementation, and evaluation of developmentally appropriate strategies for individuals and groups.
Prerequisite: Admission to program

Diversity in Higher Education
History of addressing equity and inclusion in higher education; exploration of theories and practices.
Prerequisite: Admission to program

Practicum
Field assignment in student affairs offices in higher education settings. Seminar discussions of work experience.
Prerequisite: Admission to program

Final Research Project
Research culminating in final project on student affairs topic. Written report and oral defense.
Prerequisite: Completion of all other coursework in program; passing comprehensive exam

College Student Personnel Administration (MSEd)

Graduation Requirements

- Passing a written comprehensive exam
- Completion of two three-hour courses culminating in a final research project that is successfully defended before a three-person faculty committee.

Review the graduation policy for more information.

Computer Science (MS)

Admission Requirements

1. Graduate School application and $40 fee
2. Submission of all academic transcripts
3. A bachelor's degree from an accredited college or university. An undergraduate major in science, engineering, mathematics, or computing is desirable, but individuals with other backgrounds who are interested in the program are invited to discuss their career objectives with the program director.
4. An undergraduate GPA of 2.75 or above on a 4.0 scale.
5. Graduate Record Examination (GRE) general test scores taken within five years from the term for which admission is sought. An applicant should have a minimum of 150 in the Quantitative section. Under some circumstances, this requirement may be waived in lieu of extensive work experience in the computer science field. To apply for a GRE waiver, an applicant should submit letters of recommendation and evidence of work experience in the field. Completion of prerequisite and required courses with grades of B or better within two years prior to the term for which admission is sought may also be considered in place of the GRE scores as supporting eligibility to enter the program.
6. An international applicant whose native language is not English is required to demonstrate adequate proficiency in English. Applicants should have scored at least 550 on the Test of English as a Foreign Language (TOEFL) paper exam with a minimum of 50th percentile in all three sections, or at least 217 on the TOEFL computer exam. TOEFL scores older than two years from the term for which admission is sought are not valid.
7. Submission of a statement of purpose detailing the applicant's background and career plans

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Prerequisite Courses

Students entering the program will need the specific background detailed below. Normally, a grade of B or above is required in each of the prerequisite courses. For those students who do not have all of the necessary background, some of the prerequisite courses may be completed after enrolling in the program. Students who have completed these courses but received their undergraduate degree from a non-ABET-accredited program will be required to take CS 501. Please note that none of the prerequisite courses actually count toward the Master of Science in computer science.

Proficiency in CS Courses:

- CS 140, CS 150, and CS 240 C++ Language
- CS 340 Algorithms and Data Structures
- CS 312 Computer Organization
- CS 314 Operating Systems

Math Courses:

- MATH 150 Calculus I
- MATH 224 Discrete Mathematics
- Two additional math courses selected from:
  - MATH 152 Calculus II
  - MATH 321 Linear Algebra
  - STAT 244 Statistics
  - MATH 423 Combinatorics and Graph Theory
  - Other approved courses

Computer Science (MS)

Curriculum

The program requires 34 semester hours and consists of four core courses and completion of either a thesis option, a Master of Science (MS) project, or passing of the final exam.

The thesis option requires six elective courses with six semester hours of thesis. The MS project option requires seven elective courses and three semester hours of MS project. The final exam option requires eight elective courses and successfully passing the final exam. At least 19 of the 34 hours must be 500-level courses or above. For the purposes of assessment, students are also expected to complete two anonymous graduation surveys at the conclusion of their graduate program.

Students in the program must maintain a GPA of at least 3.0 on a 4.0 scale in all graduate courses. Any course in which a grade below C has been earned will not count toward the graduate degree.

Core Courses (10 hours)

- (3) CS 456 Advanced Algorithms
- (1) CS 500 Graduate Seminar in Computer Science
- (3) CS 514 Operating Systems
- (3) CS 516 Computer Architecture

Total Hours (by option)

- 24 hours are required for the final exam option
- 21 hours with three hours of CS 596 are required for the MS project option
- 18 hours with six hours of CS 599 are required for the thesis option

Up to six hours of courses not listed below may be taken for graduate credit with the approval of the computer science program director.

Elective Courses

- (3) CS 423 Compiler Construction
- (3) CS 434 Database Management Systems
- (3) CS 438 Artificial Intelligence
- (3) CS 447 Networks and Data Communications
- (3) CS 454 Theory of Computation
- (3) CS 482 Computer Graphics
- (3) CS 525 Principles of Simulation
- (3) CS 530 Software and Systems Management
- (3) CS 535 Software Engineering
- (3) CS 547 Network Programming
- (3) CS 550 Object Oriented Design and Programming
- (3) CS 582 Advanced Computer Graphics
- (3) CS 583 Topics in Programming Languages
- (3) CS 584 Topics in Artificial Intelligence
- (3) CS 587 Topics in Computer Networking
- (3) CS 590 Topics in Computer Science
- (3) CS 595 Independent Study
- (3) CS 596 MS Project
- (6) CS 599 MS Thesis

A student may take two elective courses (see list below) from outside the CS department. He or she can take an additional outside elective if the course is considered part of the concentration, as approved by the graduate program director.

- (3) ECE 438 Computer Vision
- (3) ECE 439 Digital Image Processing
- (3) ECE 577 Advanced Network Engineering

- (3) ECE 592 Topics in Electrical Engineering
- (3) CMIS 540 Management of Information Systems Development
- (3) CMIS 565 Oracle Database Administration

Computer Science (MS)

Combined Program

Early Entry BS and MS in Computer Science

The Department of Computer Science offers undergraduate students the opportunity to begin coursework toward the Master of Science during the senior year of their Bachelor of Science program. Undergraduates with senior-level status (at least 90 semester hours) and an overall GPA of at least 3.0 on a 4.0 scale may be admitted to the BS/MS program. They may then take 35 semester hours of graduate-level courses (400- and 500-level) during their combined senior and graduate years. An application for degree-seeking status as a graduate student must be approved by the Graduate School and the Graduate Committee in Computer Science following the procedures described under "Admission". A program outline must also be submitted for approval by Graduate Records and the director of the graduate program in computer science prior to enrollment in any courses in order to be included as a part of the master's program. Official admission to the program and status as a classified graduate student is made only after the award of the baccalaureate degree. In no case will a graduate degree be conferred before all requirements for both degrees have been completed.

Computer Science (MS)

Graduation Requirements

Thesis Option

The thesis will normally be completed during the last semester or two in the program, but selection of the advisory committee and the approval of thesis proposal must be completed before the final semester. The final examination will include an oral presentation of the thesis and an oral examination on the thesis conducted by the advisory committee.

Non-thesis Option

Students must complete one of the following two options:

- Final Exam: This is a non-credit exam, given once each semester (fall and spring), for students who have completed at least 21 hours of graduate credit. Refer to the Final Exam Guideline for additional information.

- Master of Science (MS) Project (CS 596): This is a three credit hour elective course in which an oral exam will serve as the MS exit exam. Please refer to the MS project document for additional information.

Review the graduation policy for more information.

Cooperative PhD - Computer Science

Admission Requirements

Applicants must meet the admission requirements of the SIUE and SIUC Graduate Schools and must be approved by the Graduate Studies Committee of the SIUC College of Engineering. Admission requirements include:

- Master's in computer science or a related field with a minimum GPA of 3.25/4.0
- GRE scores submitted to SIUE (institution code 1759)
- Three letters of recommendation
- Statement of purpose
- Any additional evidence of scholarly ability and/or achievement (awards, scholarships, work experience, published research papers, CV, resume)
- TOEFL scores for non-native speakers of English submitted to SIUE (institution code 1759)
- Minimum of funding for international students of U.S. $42,500 for each year of the proposed course of study, including funds from a graduate assistantship

In exceptional cases, high achieving students with only bachelor's degrees will be admitted to the program. Each student, in addition to the PhD program course requirements, must complete at least 15 semester hours of approved computer science courses including CS 401, CS 420, CS 455 and two 500-level lecture courses, with a minimum accumulated GPA of 3.25/4.0 in those courses. If a specific course, or its equivalent, is already part of the student's academic background, an alternate course will be submitted.

For information about GRE and/or TOEFL, or to register for either test, please contact Educational Testing Service.

Application Process

Some application materials must be sent to SIUE while some must be sent to SIUC. Follow the instructions below to ensure your application review is not delayed. Documents under each institution must be received by that institution before applications will be reviewed by that institution.

SIUE Application

- Applicants must complete the online application
- Official bachelor's transcript
- Official master's transcript
- Official GRE Score (institution code 1759)
- Three letters of recommendation
- Statement of purpose
- Evidence of scholarly ability and/or achievement
- Current SIUE non-refundable application fee in U.S. dollars
- International students
    - Official TOEFL Score (institution code 1759)

Official transcripts must be sent electronically to siueapps@siue.edu directly from the institution or mailed to:

SIUE Graduate and International Admissions
Co-op PhD Application
Campus Box 1047
Edwardsville, IL 62026-1047

SIUC Application

- Applicants need to submit an electronic application
    - Create an account
    - Program selection will be Computer Science
    - Degree selection will be PhD

- When asked to provide letters of recommendation, enter SIUE as the recommender with the email address of siueapps@siue.edu
  - This will allow SIUE to attach the letters of recommendation already submitted to SIUE to SIUC.
- International Students
  - Copy of Passport
  - Financial Statement
    - This document is found at the end of the SIUC application. It must be completed even if you have been promised an assistantship.
    - Before you can be admitted, it is necessary for you to indicate that a minimum of U.S. $40,500 will be available to you for each year of your proposed course of study.
    - Be sure to indicate if your studies are totally dependent upon an assistantship or if you have personal funds to fulfill this requirement.
    - If you have personal funds, be sure to submit official documentation of funds and amounts via a recent bank statement
- Current SIUC non-refundable application fee in U.S. dollars (credit card only)

Admission Process

Your application will be reviewed by the SIUE School of Engineering and the SIUE department you plan to work with. If the application receives approval from these two entities, it will be reviewed by the appropriate SIUC college and department. If it receives approval from these two entities, it will be reviewed by the SIUC Graduate School. Your application can only be deferred one time. Therefore, if your application does not receive approval in time for the semester you apply, it must be approved in time for the next or it will be withdrawn and you will have to reapply. SIUC grants or denies final admission to the program.

Requirements for Retention

The rules of the SIUC Graduate School apply. In addition, students holding graduate assistantships are required to carry no more than two incomplete grades at any given time to be eligible to continue their assistantship appointments.

Cooperative PhD - Computer Science

Candidacy and Dissertation

Preliminary Exams

The student must fulfill the requirements for the departmental Qualifying Examination within three years of enrollment in the doctoral program. The Qualifying Examination is organized and administered by the student's academic advisor. The faculty prepares a written test based on at least two areas of concentration related to the student's intended dissertation area. Questions will be drawn from regularly scheduled 400- and 500-level graduate courses at SIUC. The grade for the exam will be on a pass or fail basis for each subject area. If a student fails to pass any subject area of the written examination, a second chance is given for the failed topic test. Students who fail the Qualifying Examination after two attempts will be dismissed from the PhD program.

Dissertation Proposal and Candidacy

Having passed the qualifying exams and after completion of most of the course requirements, a student will begin working on a dissertation proposal. The next step will be a Preliminary Examination consisting of an oral test on the student's proposed research topic. The student will pass the Preliminary Examination only if the members of the committee, with at most one exception, judge the performance of the student's oral examination to be satisfactory. In the event the student's performance is unsatisfactory, the committee will reschedule the exam for a later time. A student who fails the reexamination will be dismissed from the PhD program.

Dissertation and Defense

A dissertation is written under the direction of the student's dissertation advisor and the student's graduate committee. The dissertation must be prepared in accordance to the "Guidelines for Dissertations, Theses and Research Papers" of the SIUC Graduate School.

A student will be officially admitted to candidacy for the PhD after passing the Preliminary Exam and upon completion of all coursework. The student must then complete 24 credit hours of dissertation credit, restricted to nine hours per semester. When the research is complete and the dissertation is written, a final oral examination will take place to determine if the research conducted is worthy of the PhD. The dissertation must conform to high literary and scholastic standards and comply with all the relevant requirements of the Graduate School. The dissertation must represent original research of good quality. From the dissertation, the candidate should publish (or have accepted for publication) a minimum of two articles in peer-reviewed publications. The candidate must be listed as the primary author of at least one of these journal articles.

Each candidate must pass a final oral exam over the candidate's dissertation conducted by the candidate's Dissertation Committee. The dissertation will be accepted provided the dissertation advisor and at least three of the other four members of the committee so agree.

Cooperative PhD - Computer Science

Curriculum

The computer science program consists of 24 credit hours of 400/500-level courses and 24 credit hours of CS 600 Dissertation Research, all of which are subject to the following constraints:

- Two one-credit seminar courses
- Six credit hours from approved computer science 400/500-level courses
- Six elective credit hours of CS 500-level courses
- Six credit hours of 400/500-level courses from approved academic departments other than computer science

The student will work with the Dissertation Committee to supervise the remaining doctoral work. This committee will consist of five graduate faculty members, one or two of whom will be from a graduate program outside the department. The student's dissertation advisor will serve as the Chair of this committee.

The minimum course requirements are listed in the SIUC Graduate Catalog as well as on the computer science website.

Cooperative PhD - Computer Science

Graduation Requirements

In order to graduate, students of the PhD program must have successfully completed the following requirements:

- All requirements of the SIUC Graduate School must be satisfied.
- A minimum of 24 hours of doctoral-level coursework must be completed. The GPA must be 3.25 or higher on a scale of 4.00.
- An acceptable dissertation must be completed within five years after admission to candidacy. In the event the dissertation is not completed in the set time frame, the student will be required to take and pass the candidacy exams again.

The doctoral degree is conferred by SIUC. Students must apply for graduation and pay application fees by the deadline via Salukinet.

Creative Writing (MFA)

Admission Requirements

- Graduate School application, and $40 fee
- Submission of all academic transcripts
- Applicants must have completed a baccalaureate degree with a minimum cumulative GPA of 3.0
  - Applicants with a GPA between 2.5 and 3.0 may be considered if all of the following conditions are met:
    - The baccalaureate degree was earned more than four years prior to the application submission
    - The applicant provides a written explanation of their performance in the baccalaureate degree
    - The applicant provides a written explanation of why they will be successful in the MFA program
- Applicants with previous graduate-level work must have a minimum cumulative GPA of 3.0 in the graduate-level work
  - Applicants with a previous graduate-level GPA less than 3.0 may be considered if all the following conditions are met:
    - The graduate-level work was completed more than four years prior to the application submission
    - The applicant provides a written explanation of their performance in the graduate-level work
    - The applicant provides a written explanation of why they will be successful in the MFA program
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent. International applicants are expected to have completed the foreign equivalent of the American baccalaureate degree from an internationally recognized institution of higher learning and meet all other requirements for admissions. Applicants with three-year degrees from Bologna member institutions will be considered for admission. Using current best practices, the Office of Admissions and the Graduate School will evaluate other three-year degrees to determine equivalence to a four-year U.S. baccalaureate. Any noted deficiencies or prerequisites would need to be completed prior to acceptance.
- Three letters of recommendation with waiver forms
- A one-page Statement of Purpose that addresses not just the applicant's commitment to writing, but also the applicant's interest in an experiential, service-learning pedagogy central to the Writer in the World sequence
- Either two to three stories (maximum 30 pages) or 15 pages worth of poetry

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Admission Deadlines

All admitted applicants will begin course of study in the fall semester of a given year.

Creative Writing (MFA)

Curriculum

The MFA in creative writing is a terminal degree designed for the student interested in pursuing the art of writing fiction or poetry. Students pursuing this degree will not just develop their skills as writers, they will be better prepared to teach creative writing, pursue other professional writing opportunities, conduct further research into matters of creative writing pedagogy, and publish their own creative works. The Writer in the World sequence will better prepare students for meaningful employment in or outside of academia, and help students sustain a rich writing life beyond graduation.

Completion of the program requires at least 42 hours. However, students may enroll in an optional second unit of thesis hours for a total of 45 hours. Students are required to complete the following primary courses:

- Workshop (12 hours): ENG 593 poetry workshop (taken four times), or ENG 592 Fiction workshop (taken four times)
- ENG 530 and ENG 531 (6 hours): The Writer in the World sequence, which must be completed in consecutive semesters during the second year of study
- Required Literature (12 hours): Students are required to complete four graduate-level literature courses in consultation with their advisor. At least one of these must be in the contemporary period.
- Electives (9 hours): Electives may be any graduate-level course offering, an additional unit of thesis hours, or a workshop in the student's minor genre (592 or 593)
- Required Thesis (3-6 hours): ENG 599

Note: ENG 554 Contemporary Pedagogy is required of all new teaching graduate assistants and may not be counted as an elective.

Students will plan their course of study in close consultation with their advisor. In general, students should take at least half of their literature and elective courses at the 500-level.

Courses

Year	Fall Semester	Spring Semester
Year One	Workshop (3 credit hours) Literature Class (3 credit hours) Elective (3 credit hours) 9 credit hours total	Workshop (3 credit hours) Literature Class (3 credit hours) Elective (3 credit hours) 9 credit hours total
Year Two	Workshop (3 credit hours) ENG 530- Writer in World (3 credit hours) 6 credit hours total	Workshop (3 credit hours) ENG 531-Practicum (3 credit hours) 6 credit hours total
Year Three	Elective (3 credit hours) Literature Class (3 credit hours) 6 credit hours total	Elective (3 credit hours) Thesis (3 credit hours) 6 credit hours total 42 credit hours degree total

Creative Writing (MFA)

Graduation Requirements

To successfully complete the MFA in creative writing at SIUE, students will complete 42-45 credit hours as detailed in the curriculum. They will successfully complete the Writer in the World practicum sequence. All students will complete a book-length manuscript and a lengthy artist's statement, detailing the ways in which their coursework and independent reading and study done throughout the program has influenced the writing of the thesis. Students will orally defend the thesis before a committee of at least three faculty members.

Review the graduation policy for more information.

Criminal Justice Policy (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Minimum GPA of 2.50
- Two letters of recommendation (can both be from undergraduate faculty or one can be from a current employer)
- Statement of purpose
- GRE score (optional)

Applications are reviewed by an Admissions Committee composed of graduate faculty in criminal justice studies. Admission is competitive and the committee will evaluate each applicant based on the above criteria and GPA in prior coursework in criminal justice or criminology. The statement of purpose should describe the student's reasons for applying and expectations upon graduation as well as any current or prior employment in criminal justice.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions Office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Criminal Justice Policy (MS)

Curriculum

The two-year program offers six consecutive semesters of classes. The one-year program offers four consecutive semesters of classes. Students receiving Prior Learning Assessment credit will reduce the program by one summer semester. Each cohort would begin in the fall semester. Students are required to take 15 credits of required core credits, 15 credits of electives, and six thesis or capstone credit hours, for a total of 36 hours. All 500-level courses are eight weeks in duration. All 400-level elective courses are 16 weeks in duration and may be offered online or in a physical classroom. Elective courses rotate. Contact the Graduate Program Director to determine elective availability.

See the graduate course descriptions for details.

Required Core Courses

- CJ 502 Applied Research in Criminal Justice
- CJ 505 Criminological Theory
- CJ 513 Criminal Justice Statistics
- CJ 515 Criminal Justice Planning and Budgeting
- CJ 517 Policy Analysis
- CJ 598 Capstone I and II OR CJ 599 Thesis I and II

Elective Courses

- CJ 508 Disparate Treatment in the Criminal Justice System
- CJ 527 Cybercrime
- CJ 528 Civil Liability
- CJ 529 Human Trafficking
- CJ 535 Seminar in Juvenile Justice
- CJ 540 Seminar in Correctional Theory and Practice
- CJ 590 Special Topics
- CJ 596 Readings in Criminal Justice Policy

Elective Senior Level Courses for Graduate Credit

- CJ 408 Critical Issues in Law Enforcement
- CJ 410 Judicial Process in Criminal Cases
- CJ 420 United States Drug Policy
- CJ 464 Criminal Justice and the Mental Health System
- CJ 465 Theories of a Just Society

Two-Year Track

Year 1 Fall Semester

(1st 8 weeks) CJ 502 Applied Research in Criminal Justice
(2nd 8 weeks) CJ 505 Seminar in Criminology

Year 1 Spring Semester

(1st 8 weeks) CJ 515 Criminal Justice Planning and Budgeting
(2nd 8 weeks) CJ 517 Policy Analysis

Year 1 Summer Semester

CJ Elective

Year 2 Fall Semester

(1st 8 weeks) CJ Elective
(2nd 8 weeks) CJ 513 Criminal Justice Statistics

Year 2 Spring Semester

(1st 8 weeks) CJ 598 Capstone or CJ 599 Thesis
(1st 8 weeks) Elective
(2nd 8 weeks) Elective

Year 2 Summer

CJ Elective (or PLA credit)

One Year Track

Year 1 Summer Semester

CJ Elective (or PLA credit)

Year 1 Fall Semester

(1st 8 weeks) CJ 502 Applied Research in Criminal Justice
(1st 8 weeks) CJ Elective
(2nd 8 weeks) CJ 505 Seminar in Criminology
(2nd 8 weeks) CJ 513 Criminal Justice Statistics

Year 1 Spring Semester

(1st 8 weeks) CJ 515 Criminal Justice Planning and Budgeting
(1st 8 weeks) CJ Elective
(1st 8 weeks) CJ 598 Capstone or CJ 599 Thesis
(2nd 8 weeks) CJ 517 Policy Analysis
(2nd 8 weeks) CJ Elective

Year 1 Summer Semester

CJ Elective

Criminal Justice Policy (MS)

Graduation Requirements

The six-hour capstone project or thesis project culminates in one of the following two exit alternatives:

1. The capstone project option is geared towards the working professional. The student would propose a policy, procedure, or program development that would benefit his/her home agency, while incorporating the knowledge learned in the Online Master's program. This proposal would need to be approved by a committee composed of three faculty members. Once the capstone project is completed, the student would record and upload a presentation to Blackboard collaborate or similar software in use at the time, and then the presentation would be placed on a streaming server. The committee of three faculty members would then be able to view the presentation in the capstone course shell via the link housed on the streaming server.
2. The thesis project option is envisioned to be a traditional research paper. The topic of the thesis would be approved by a committee of three faculty members. The final thesis would be uploaded and defended to the committee of three faculty members online via Skype or other appropriate technology. The thesis would be uploaded to ProQuest and have formatting approved by the Graduate School.

Review the graduation policy for more information.

Curriculum and Instruction (MSEd)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Minimum GPA of 3.0 or higher on a 4.0 scale for the last two years of the bachelor's degree program
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

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Curriculum and Instruction (MSEd)

Curriculum

Candidates for the Master of Science in education with a major in curriculum and instruction will complete a 36 semester hour program of study, including an option in one of 12 teaching fields planned in consultation with an advisor. Some programs of study may include more than 36 hours to satisfy content area prerequisites.

The program consists of the following components:

Professional Core (15 hours)

- (3) CI 563 Curriculum Models or (3) CI 537 Early Childhood Curriculum
- (3) CI 510 Analysis of Instruction
- (3) EPFR 515 Issues in learning Theory
- (3) EPFR 520 Analysis of Educational issues: Philosophical-Historical Foundations OR (3) EPFR 521 Analysis of Educational Issues: Socio-Cultural Foundations
- (3) CI 548 Study of Classroom Instruction or (3) EPFR 501 Research Methods

Teaching Options (15 hours)

- (15) Advanced Pedagogy
- (15) STEM Education
- (15) Adult Education
- (15) Secondary Education/Art
- (15) Secondary Education/Biology
- (15) Secondary Education/Chemistry
- (15) Secondary Education/Earth and Space Sciences
- (15) Secondary Education/English/Language Arts
- (15) Secondary Education/Foreign Languages
- (15) Secondary Education/History
- (15) Secondary Education/Mathematics
- (15) Secondary Education/Physics

Notes: These hours are determined in consultation with a curriculum and instruction advisor and a content faculty advisor, when appropriate.

Final Project (6 hours)

- (6) CI 596A-M Field Study in Curriculum and Instruction or (6) CI 599 Thesis

Notes: These hours are determined in consultation with the teaching-field advisor. The student must complete at least 42 semester hours in the teaching field (graduate and undergraduate course work combined) in order to be eligible for the degree. Some programs of study will include more than 36 hours in order to satisfy this requirement.

Retention

Maintain a GPA of 3.0 or higher on a 4.0 scale.

The above content is concurrent with the 2019-2020 graduate catalog. Courses and information are subject to change throughout the year.

Curriculum and Instruction (MSEd)

Graduation Requirements

All candidates must complete a final project. In consultation with an advisor, candidates will complete one of the following: action research project or thesis. Candidates must complete all of the program assessments at a satisfactory level.

Review the graduation policy for more information.

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

- Adult Continuing Education

Adult Continuing Education

The adult and continuing education program option is a series of online courses for people who work in a wide range of professions, from higher education settings to nonprofit and public institutions. These individuals interact with adult learners in academic advising and technical education. Examples include:

- Community college employees and instructors for GED programs
- Businesspeople who work in human resources
- Anyone leading community outreach and partnerships for museums, historic sites, libraries or civic organizations
- Individuals working with adults in social work or healthcare

The program is designed to integrate the adult leader's past and future work experience, including career and technical education. The courses explore how adults learn and what tools can be used to enhance adult education.

The fully online program curriculum is application-based and supports rich communication through its online discussion boards to serve the needs of its students. The course sequence has some flexibility—core courses are not required to be taken in sequence. Faculty work with students to help them meet their career needs.

Example core and elective courses:

- ADED 523 Curriculum and Instruction in Adult Education
- ADED 522 Program Planning in Adult Education
- IT 486 Web Design for Instruction
- CI 568 701: Motivation and Skill Building for Adult Learners

A K-12 teaching licensure is not required for the online adult and continuing education program option.

Students may enroll in one course or choose a master's degree option. Prior learning credit may be available.

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

- Advanced Pedagogy

Advanced Pedagogy

Specializations in curriculum and instruction are composed of 15 credit hours. Students should consult with their graduate program advisor to create an individualized specialization.

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

- Secondary Education - Art

Secondary Education – Art

The Department of Art and Design, in cooperation with the Department of Curriculum and Instruction, offers an art education teaching field as part of the Master of Science in Education (MSEd) in curriculum and instruction. A jointly advised program ordinarily including at least 15 hours in art will be designed, taking into account each student's background and interests. Throughout the program, the student must consult with the art graduate advisor before registering for any courses in art. Upon completion of the program, the student must have accumulated at least 42 semester hours in art (graduate and undergraduate work combined). Students admitted to the program with less than 27 hours of acceptable undergraduate work will be required to complete more than 15 graduate hours in art in order to satisfy degree requirements. Students must achieve a GPA of at least 3.0 on a 4.0 scale in the art teaching field, as well as an overall GPA of at least 3.0 on a 4.0 scale.

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

- Secondary Education - Biology

Secondary Education – Biology

The Department of Biological Sciences, in cooperation with the Department of Curriculum and Instruction, offers a biology teaching field as part of the Master of Science in Education (MSEd) in curriculum and instruction. A jointly advised program ordinarily including 15 hours in biology will be designed, taking into account each student's background and interests. Throughout the program, students must be advised by a member of the biology faculty before registering for any biology courses to be applied toward this degree. Upon completion of the program, students must have accumulated at least 42 semester hours in biology (graduate and undergraduate work combined). Students admitted to the program with less than 27 hours of acceptable undergraduate work will be required to complete more than 15 graduate hours in biology in order to satisfy degree requirements. Students must achieve a GPA of at least 3.0 on a 4.0 scale in the biology teaching field, as well as an overall GPA of at least 3.0 on a 4.0 scale.

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

- Secondary Education - Chemistry

Secondary Education – Chemistry

The Department of Chemistry, in cooperation with the Department of Curriculum and Instruction, offers a chemistry teaching field as part of the Master of Science in Education (MSEd) in curriculum and instruction. A jointly advised program ordinarily including 15 hours in chemistry will be designed, taking into account each student's background and interests. Throughout the program, students must consult the graduate program advisor before registering for any chemistry courses. Upon completion of the program, students must have accumulated at least 42 semester hours in chemistry (graduate and undergraduate course work combined). Students admitted to the program with less than 27 hours of acceptable undergraduate work will be required to complete more than 15 graduate hours in chemistry in order to satisfy degree requirements. A student must achieve a GPA of at least 3.2 on a 4.0 scale in chemistry coursework, as well as an average GPA of at least 3.2 on a 4.0 scale in all coursework.

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

- Secondary Education - English Language Arts

Secondary Education – English Language Arts

The Department of English Language and Literature, in cooperation with the Department of Curriculum and Instruction, offers an English specialization as part of the Master of Science in Education (MSEd) in curriculum and instruction. A jointly advised program ordinarily including 15 hours in English will be designed, taking into account each prospective student's background and interests. Throughout the program, the student must consult with the program advisor in the Department of English Language and Literature before registering for any English courses. Upon completion of the program, students must have accumulated at least 42 semester hours in English (graduate and undergraduate work combined). Students admitted to the program with less than 27 hours of acceptable undergraduate work will be required to complete more than 15 graduate hours in English in order to satisfy degree requirements. Students must achieve a GPA of at least 3.0 on a 4.0 scale in coursework in the English language arts teaching field, as well as an overall GPA of at least 3.0 on a 4.0 scale.

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

- Secondary Education - Foreign Languages

Secondary Education – Foreign Languages

Specializations in curriculum and instruction are composed of 15 credit hours. Students should consult with their graduate program advisor to create an individualized specialization.

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

- Secondary Education - History

Secondary Education – History

The Department of Historical Studies, in cooperation with the Department of Curriculum and Instruction in the School of Education, Health and Human Behavior offers a history teaching field specialization as part of the Master of Science in Education (MSEd) in curriculum and instruction. A jointly advised program ordinarily including 15 hours in history will be designed, taking into account each student's background and interests. Throughout the program, the student must consult with the history graduate advisor before registering for any courses in history. Upon completion of the program, students must have accumulated at least 42 semester hours in history (graduate and undergraduate work combined). Students admitted to the program with less than 27 hours of acceptable undergraduate work will be required to complete more than 15 graduate hours in history in order to satisfy degree requirements. A student must achieve a GPA of at least 3.0 on a 4.0 scale in the history teaching field, as well as an overall GPA of at least 3.0 on a 4.0 scale.

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

- Secondary Education - Mathematics

Secondary Education – Mathematics

The Department of Mathematics and Statistics, in cooperation with the Department of Curriculum and Instruction, offers a mathematics teaching field as part of the Master of Science in Education (MSEd) in curriculum and instruction. A jointly advised program ordinarily including 15 hours in mathematics will be designed, taking into account each student's background and interests. Throughout the program, students must consult with the graduate program advisor in the Department of Mathematics and Statistics before registering for any mathematics courses. Upon completion of the program, students must have accumulated at least 42 semester hours in mathematics (graduate and undergraduate course work combined). Students admitted to the program with less than 27 hours of acceptable undergraduate work will be required to complete more than 15 graduate hours in the mathematics teaching field in order to satisfy degree requirements. Students must achieve a GPA of at least 3.0 on a 4.0 scale in mathematics coursework, as well as a GPA of at least 3.0 on a 4.0 scale in all coursework.

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

- Secondary Education - Physics

Secondary Education – Physics

Specializations in curriculum and instruction are composed of 15 credit hours. Students should consult with their graduate program advisor to create an individualized specialization.

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

- Secondary Education - STEM Education

STEM Education

15 hours: These hours are determined in consultation with a science, technology, engineering and mathematics (STEM) faculty advisor. These courses will be selected to enhance students' STEM content or STEM pedagogical skills based on the student's individual learning goals and teaching assignment.

Diversity and Equity in Education (MSEd)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- GPA of 3.0 or above (A=4.0) during their last two years of undergraduate work. (The undergraduate GPA requirement may be waived for students who have received in more recent graduate course work a GPA that demonstrates potential for success.)
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- A list of professional experiences
- A written statement of purpose
- An interview may also be requested. Applicants may arrange for an appeal interview with the Admissions Committee if admission is denied.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

How to Apply

This program is open to enrollment at any time during the school year. Interested individuals are encouraged to review the How to Apply information on our website, or contact the program director, Dr. Tianlong Yu at tyu@siue.edu, or graduate recruiter, Angie White at angewhi@siue.edu.

Diversity and Equity in Education (MSEd)

Program of Study

Thirty semester hours of graduate credit are required for a Master of Science in education with a major in diversity and equity in education.

Required Foundational Courses

- EPFR 502 Qualitative Inquiry in Education
- EPFR 515 Issues in Learning Theory
- EPFR 520 Analysis of Educational Issues: Philosophic-historic Perspectives
- EPFR 521 Analysis of Educational Issues: Socio-cultural Perspectives

Education Focus Electives

(Choose two for a total of six hours. Note that instead of education focused electives, students in the diversity training area of emphasis will take two courses from the cultural diversity list instead.)

- EPFR 451 Gender and Education
- EPFR 563 Special Topics in Foundations of Education
- CI 563 Curriculum Models
- ENG 470 Methods and Materials for K-12 ESL Teaching
- ENG 472 Assessment and Testing in ESL
- ENG 570 Teaching African-American Oral and Written Literature
- ENG 578 Women, Language and Pedagogy
- ENG 581 Topics in Teaching English (when appropriate, must be approved by advisor)

Area of Emphasis

Choose one of the following:

- Cultural Diversity
- Diversity Training
- English as a Second Language
- Gender and Education

Final Project

The final project may be either an action research project (Boyer's "scholarship of application") or a traditional research project (Boyer's "scholarship of discovery") (Boyer, 1990, pp. 16-23). An action research project is a scholarly research study that involves working on a problem with practical applications for the student's classroom, school, district, or community. A traditional research project is an original research project that does not necessarily involve practical applications for the student.

Within the first semester of study, the student must select a graduate faculty member as project chairperson for the project committee. The chairperson will advise the student on coursework and research. Within the first year of study, the student must select two additional graduate faculty members to complete their project committee. The committee should consist of faculty with expertise or interests that are appropriate to the student's academic background, goals, and interests. The committee chair and one of the other committee members must be from the Department of Educational Leadership. The third committee member may be from outside the department and from outside the School of Education, Health and Human Behavior. The committee and the student will develop a research project outline and will determine, before the work begins, whether the project will be "scholarship of application" or "scholarship of discovery." The project is then approved for initiation and supervised by the committee chairperson.

Diversity and Equity in Education (MSEd)

Areas of Emphasis

- Cultural Diversity
  - Cultural Diversity
  - Diversity Training
  - English as a Second Language
  - Gender and Education

Cultural Diversity

9 credit hours (select 3 courses)

- ACS 511 (Seminar in Intercultural Communication)
- ACS 509 (Special Topics in Communication Theory and Research) (when appropriate, must be approved by advisor)
- ENG 526 (Studies in African-American Texts)
- ENG 570 (Teaching African-American Oral and Written Literature)
- ENG 416 (Language and Society)
- ENG 474 (Bilingualism and Bilingual Education)
- ENG 477 (Morrison)
- ENG 478 (Studies in Women, Language and Literature)
- ENG 578 (Women, Language, and Pedagogy)
- ENG 581 (Topics in Teaching English) when appropriate, must be approved by adviser
- EPFR 451 (Gender and Education)
- GEOG 401 (Geography of Development)
- GEOG 405 (Geography of Food)
- GEOG 406 (Political Geography)
- GEOG 500 (Seminar in Cultural Geography)
- HIST 423b (Native Americans from 1840 to the Present)
- HIST 440 (Women in American Social History)
- HIST 442 (The Black Urban Experience)
- HIST 460 (History of Mexico)
- POLS 440 (African American Politics)
- POLS 441 (Women and Politics in America)
- POLS 449 (Topics in American Politics)
- POLS 459 (Topics in Conservative Politics)
- POLS 479 (Topics in International Relations)
- PSYC 407 (Multicultural Issues in Psychology)
- SOC 421 (Individual and Society)
- SOC 440 (Sociology of Popular Culture)
- SOC 444 (Gender, Ethnicity, and Class in the Workplace)
- SOC 470 (Sociology of Deviance)
- SOC 502 (Seminar in Intergroup Relations)
- SOC 542 (Seminar in Gender and Gender Inequality)
- SOC 590 (Special Topics) (when appropriate, must be approved by advisor)

Diversity and Equity in Education (MSEd)

Areas of Emphasis

- Diversity Training
  - Cultural Diversity
  - Diversity Training
  - English as a Second Language
  - Gender and Education

Diversity Training

9 credit hours (choose 3 classes)

- IT 486 (Web Design for Instructors)
- IT 505 (Needs Assessment and Program Evaluation) IT 510 (Instructional Systems Design)
- IT 567 (Online Teaching Tools)
- IT 568 (Design and Development of Online Lessons, Modules, and Courses)
- IT 569 (Facilitating Online Classrooms)

The first three of these courses (IT 486, 505, 510) comprise a Professional Development Sequence in instructional design. The second three of these courses (IT 567, 568, 569) comprise a Professional Development Sequence in online pedagogy. See the instructional technology program description for more information on these.

Diversity and Equity in Education (MSEd)

Areas of Emphasis

- English as a Second Language
    - Cultural Diversity
    - Diversity Training
    - English as a Second Language
    - Gender and Education

English as a Second Language

9 credit hours (select 3 courses)

- ENG 400 (Principles of Linguistics)
- ENG 409 (Syntactic Analysis)
- ENG 416 (Language and Society)
- ENG 468 (Second Language Acquisition)
- ENG 470 (Methods and Materials for K-12 ESL Teaching)
- ENG 472 (Assessment and Testing in ESL)
- ENG 474 (Bilingualism and Bilingual Education)

Diversity and Equity in Education (MSEd)

Areas of Emphasis

- Gender and Education
  - Cultural Diversity
  - Diversity Training
  - English as a Second Language
  - Gender and Education

Gender and Education

9 credit hours (choose 3 classes)

- EPFR 451 (Gender and Education)
- ENG 478 (Studies in Women, Language, and Literature)
- ENG 578 (Women, Language, and Pedagogy)
- SOC 444 (Gender, Ethnicity, and Class in the Workplace)
- SOC 542 (Seminar in Gender and Gender Inequality)
- HIST 440 (Women in American Social History)
- POLS 441 (Women and Politics in America)

Diversity and Equity in Education (MSEd)

Graduation Requirements

Candidates must submit a project proposal for approval by a project committee, carry out the proposed project, submit a written report, and complete an oral defense of their project.

Review the graduation policy for more information.

Post-Master's Doctor of Nursing Practice

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- The applicant must hold a master of science in nursing as an advanced practice nurse or have a Bachelor's of Science in nursing and hold a master's degree appropriate to their advance nursing practice role such as MPH, MHA, MPA, MS, etc. Nurses with degrees from nurse educator programs may be considered for admission if their current primary nursing role is healthcare system based (i.e., patient educator for specialty units, clinical educator for hospital, administrator of healthcare systems based education, etc.)
- Minimum cumulative master's GPA of 3.0/4.0.
- Completion of a graduate-level statistics course with a grade of B or better within six (6) years.
- Current unencumbered RN licensure.
- Resumé or curriculum vitae.
- Narrative statement of applicant's goals for the doctor of nursing practice (DNP) program and project.
- Three (3) reference forms (one of which should be from your current manager and two others preferably from nurses holding a graduate degree in nursing or a related field).
- Personal interview
- Statement about a potential DNP project idea that is patient or practice focused

Program application materials may be uploaded during the application process, but official transcripts must be sent electronically to siueapps@siue.edu directly from the institution or mailed to:

SIUE Graduate and International Admissions
Campus Box 1047
Edwardsville, IL 62026-1047

Test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants may follow-up with the graduate nursing advisor to check the status of their application.

Application Deadline

Priority deadline is March 1 for the class entering in the fall.

Post-Master's Doctor of Nursing Practice

Sample Curriculum (subject to change)

Year 1 (Fall Semester)

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(3) N600 Theory Guided Practice
(3) N604 Evaluating Evidence for Improving Practice/Healthcare Outcomes
(1) N695a Introduction to DNP Projects
7 - Total Credits

Year 1 (Spring Semester)

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(3) N606 Leadership and Health Policy for Advanced Nursing Practice
(3) Approved Elective
(2) N695p DNP Project (completion of Phase A and B)
8 - Total Credits

Year 1 (Summer Semester)

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(3) N617 Advanced Applications of Epidemiology in Practice
(2) N695p DNP Project (completion of Phase C)
5 - Total Credits

Year 2 (Fall Semester)

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(3) N601 Ethics Studies for Advanced Nursing Practice
(3) N620 Healthcare Informatics
6 - Total Credits

Year 2 (Spring Semester)

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(4) N695p DNP Project (completion of Phase D and E)
4 - Total Credits

Total Hours 30

Immersion Experiences

Students who are admitted to the program attend a three-day immersion the first year, and a two-day immersion the second year. Attendance on campus is mandatory for these two immersions. Additionally, students may come to campus for the oral presentation of their final DNP Practice Project.

School of Nursing Retention Policy

Scholarship appropriate for students in a School of Nursing graduate program is demonstrated through satisfactory

completion of course work, defined as obtaining a course grade of A or B. Students who obtain a course grade of D or F in a graduate nursing specialization are withdrawn from the graduate program without the option of repeating the course. Students may only earn one course grade of C and stay enrolled in graduate nursing programs. If a second course grade of C is earned, students are automatically removed from the graduate nursing program, regardless of the cumulative GPA. Repeating a course in which there is originally a grade of C does not eliminate the original course grade of C from being applied towards this exclusion policy.

Post-Master's Doctor of Nursing Practice

Graduation Requirements

Students must successfully complete all coursework and a final doctoral project. Because the American Association of Colleges of Nursing has mandated that DNP graduates complete at least 1,000 hours of practice post-baccalaureate as part of a supervised academic program, master's degree transcripts will be evaluated individually, with a maximum of 500 clinical hours from advanced practice specialization programs counting toward the total 1,000 required hours. Deficit practice hours will be completed in the program.

Educational Administration - Principal (MSEd, EdS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Master of Science in Education or its equivalent; a GPA of 3.25 (A=4.0) or higher in graduate study
- International Applicants: Proof of English proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- All applicants must show they have at least two years of teaching experience.
- Applicants must hold, or have held a pre-K-12 teaching position for four years to qualify for licensure.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Candidate Requirements

Students meeting the admission requirements will be given provisional admission allowing them to enroll in EDAD 500: Organization and Administration of Schools. During EDAD 500, students complete the candidate selection process. This process includes:

- Completion of a leadership portfolio summarizing leadership experience and potential for instructional leadership
- Identification of a qualified mentor for internship experiences
- Participation in a selection interview
- An assessment of written communication skills based on a response to a case study

Upon successful completion of EDAD 500 and selection as a candidate, candidates receive full admittance to the program.

Educational Administration - Principal (MSEd, EdS)

Specialist Degree - Principal

Required Courses (33 hours)

Lecture Courses

- EDAD 500-Introduction to School Leadership
- EDAD 520-School Law
- EDAD 525a-Instructional Leadership and Supervision: Theory and Research
- EDAD 530a-Data Driven School Improvement and Accountability: Theory and Research
- EDAD 535a-Curriculum Leadership: Theory and Research
- EDAD 545a-The Principalship: Theory and Research

Field-Based Internship Courses

- EDAD 525b-Instructional Leadership and Supervision: Field Experience
- EDAD 530b-Data Driven School Improvement and Accountability: Field Experience
- EDAD 535b-Curriculum Leadership: Field Experience
- EDAD 545b-The Principalship: Field Experience
- EDAD 595-Field Study

Master of Science in Education - Principal

Required Courses (36 hours)

Lecture Courses

- EDAD 500 (3)–Introduction to School Leadership
- EDAD 520 (3)–School Law
- EDAD 525a (3)–Instructional Leadership and Supervision: Theory and Research
- EDAD 530a (3)–Data Driven School Improvement and Accountability: Theory and Research
- EDAD 535a (3)–Curriculum Leadership: Theory and Research
- EDAD 545a (3)–The Principalship: Theory and Research
- EPFR 501 (3)–Research Methods in Education
- EPFR 521 (3)–Analysis of Educational Issues: Sociocultural Foundations of Education

Field-Based Internship Courses

- EDAD 525b (3)–Instructional Leadership and Supervision: Field Experience
- EDAD 530b (3)–Data Driven School Improvement and Accountability: Field Experience
- EDAD 535b (3)–Curriculum Leadership: Field Experience
- EDAD 545b (3)–The Principalship: Field Experience

Educational Administration - Principal (MSEd, EdS)

Principal Endorsement

The endorsement option is available to students who already have a master's degree. This option leads to the Principal Endorsement on an Illinois Professional Educator License. Previous coursework may be counted toward endorsement on a case-by-case basis.

Admission

Students seeking an endorsement will apply as an Unclassified Graduate Student.

1. Complete the Unclassified Graduate School application.
2. When asked the reason for applying as an unclassified student, indicate "Professional Endorsement." Then Select "School of Education, Health and Human Behavior" as your area of interest. List "Principal Endorsement" for additional details.
3. Pay the $40 fee.
4. Upload all academic transcripts.
5. Submit a resume and list of licenses and endorsements to Jennifer Werner at jenwern@siue.edu.

Program of Study

Lecture Courses

- EDAD 500 (3) – Introduction to School Leadership
- EDAD 520 (3) – School Law
- EDAD 525A (3) – Instructional Leadership and Supervision: Theory and Research
- EDAD 530A (3) – Data Driven School Improvement and Accountability: Theory and Research
- EDAD 535A (3) – Curriculum Leadership: Theory and Research
- EDAD 545A (3) – The Principalship: Theory and Research

Field-Based Internship Courses

- EDAD 525B (3) – Instructional Leadership and Supervision: Field Experience
- EDAD 530B (3) – Data Driven School Improvement and Accountability: Field Experience
- EDAD 535B (3) – Curriculum Leadership: Field Experience
- EDAD 545B (3) – The Principalship: Field Experience

Completion Requirements

Opon admission, students must meet with an advisor to be enrolled in EDAD 500. During EDAD 500, students complete the candidate selection process. This process includes:

- Completion of a leadership portfolio summarizing leadership experience and potential for instructional leadership
- Identification of a qualified mentor for internship experiences
- Participation in a selection interview
- An assessment of written communication skills based on a response to a case study.

Upon successful completion of EDAD 500 and selection as a candidate, candidates will be allowed to enroll in the remaining courses for the endorsement.

Educational Administration - Principal (MSEd, EdS)

Graduation Requirements

All candidates must complete a four course field-based internship which is aligned with the National Council for Accreditation of Teacher Education standards, the Interstate School Leaders Licensure Consortium standards, the 36 critical success factors outlined in the Southern Research Education Board's "The Principal Internship: How Can We Get It Right?", the Educational Leadership Constituents Council standards, and the Illinois State Board of Education General Administration Endorsement standards.

The internship is supervised and evaluated by an administrator in the field and a faculty member from the Department of Educational Leadership of SIUE.

All specialist degree candidates are required to complete a field study/research project that is presented to a faculty committee. Specialist degree candidates must have a minimum 3.25 GPA.

All master's candidates must complete a program portfolio.

Review the graduation policy for more information.

Educational Administration - Superintendent (EdS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- A master of science in education or its equivalent with a grade point average of 3.25(A=4.0) or higher in graduate study.
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Applicants for the superintendent's program must show they have at least two years full time administrative or supervisory experience on the following Illinois Credential: General Administrative; Principal; Director of Special Education; or Chief Business Official.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Candidate Requirements

Students meeting the admission requirements will be given provisional admission allowing them to enroll in courses. During the first semester enrolled, students complete the candidate selection process. This process includes: completion of a leadership portfolio summarizing leadership experience and potential for instructional leadership; identification of a qualified mentor for internship experiences; participation in a selection interview; and an assessment of written communication skills based on a response to a case study. Upon selection as a candidate, candidates receive full admittance to the program.

Educational Administration - Superintendent (EdS)

Superintendent

Curriculum (33 hours)

EDAD 555 (3)-Superintendency, District Administration and Governance
EDAD 563 (3)-School and Community Relations
EDAD 565 (3)-School Personnel Administration
EDAD 570 (3)-Leadership Theory and Practice
EDAD 580 (3)-District Program Development
EDAD 585 (3)-School District Business Administration
EDAD 591 (12)-Internship Practicum/Superintendent Internship (Three consecutive semesters totaling one full year)
EDAD 595 (3)-Field Study (from 3-6 hours)

Educational Administration - Superintendent (EdS)

Superintendent Endorsement

The Endorsement option is available to students who already have a specialist degree. This option leads to the Superintendent Endorsement on an Illinois Professional Educator License. Previous coursework may be counted towards the Superintendent Endorsement on a case by case basis.

EDAD 555 (3) - Superintendency, District Administration and Governance
EDAD 563 (3) - School and Community Relations
EDAD 565 (3) - School Personnel Administration
EDAD 570 (3) - Leadership Theory and Practice
EDAD 580 (3) - District Program Development
EDAD 585 (3) - School District Business Administration
EDAD 591 (12) - Internship Practicum/Superintendent Internship (Three consecutive semesters totaling one full year)

Educational Administration - Superintendent (EdS)

Graduation Requirements

All candidates must complete a four course field-based internship experience that spans an entire calendar year. The internship is supervised and evaluated by an administrator in the field and a faculty member of Educational Leadership of Southern Illinois University Edwardsville.

Candidates must complete a field study/research project that is presented to a faculty committee and have a minimum 3.25 GPA.

Review the graduation policy for more information.

Educational Administration - Teacher Leader (MSEd, EdS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- A Master of Science in Education or its equivalent with a GPA of 3.25 (A=4.0) or higher in graduate study.
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Applicants must show that they have at least one year teaching experience.
- Applicants must complete an admissions portfolio and a personal interview (or comparable out-of-state equivalent).

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Candidate Requirements

Students meeting the admission requirements will be given provisional admission allowing them to enroll in EDAD 500: Organization and Administration of Schools. During EDAD 500, students complete the candidate selection process. This process includes:

- Completion of a leadership portfolio summarizing leadership experience and potential for instructional leadership
- Identification of a qualified mentor for internship experiences
- Participation in a selection interview
- An assessment of written communication skills based on a response to a case study.

Upon successful completion of EDAD 500 and selection as a candidate, candidates receive full admittance to the program.

Educational Administration - Teacher Leader (MSEd, EdS)

Curriculum

Specialist Degree - Teacher Leader

Required courses (33 hours)

Program Admission

- EDAD 500-Introduction to School Leadership

Lecture Courses

- EDAD 525a-Instructional Leadership and Supervision: Theory and Research
- EDAD 530a-Data Driven School Improvement and Accountability
- EDAD 535a-Curriculum Leadership: Theory and Research
- CI 582-Becoming a Teacher Leader: Mentor and Coach
- CI 583-Leadership in Professional Development

Hybrid/Online Courses

- IT 481-Computers in Education: Theory and Practice
- IT 550-Emerging Technologies in Education
- IT 560-Leadership in Educational Technology

Practicum

- EDAD 550-Teacher Leader Practicum

Field Study

- EDAD 595 - Field Study

Master of Science in Education - Teacher Leader

Required Courses (36 hours)

Program Admission

- EDAD 500 (3) – Introduction to School Leadership

Lecture Courses

- EPFR 521 (3) – Analysis of Educational Issues: Sociocultural Foundations
- EDAD 525A (3) – Instructional Leadership and Supervision: Theory and Research
- EDAD 530A (3) – Data Driven School Improvement and Accountability: Theory and Research
- EDAD 535A (3) – Curriculum Leadership: Theory and Research
- CI 582 (3) – Becoming a Teacher Leader: Mentor and Coach
- CI 583 (3) – Leadership in Professional Development

Hybrid/Online Courses

- EPFR 501 (3) – Research Methods
- IT 481 (3) – Computers in Education: Theory and Practice
- IT 550 (3) – Emerging Technologies in Education

- IT 560 (3) – Leadership in Educational Technology

Practicum

- EDAD 550 (3) – Teacher Leader Practicum

Educational Administration - Teacher Leader (MSEd, EdS)

Teacher Leader Endorsement

The endorsement option is available to students who already have a master's degree. This option leads to the Teacher Leader Endorsement on an Illinois Professional Educator License. Previous coursework may be counted toward endorsement on a case-by-case basis.

Program Admission

- EDAD 500 (3) – Introduction to School Leadership

Lecture Courses

- EDAD 525A (3) – Instructional Leadership and Supervision: Theory and Research
- EDAD 530A (3) – Data-Driven School Improvement and Accountability: Theory and Research
- EDAD 535A (3) – Curriculum Leadership: Theory and Research
- CI 582 (3) – Becoming a Teacher Leader: Mentor and Coach
- CI 583 (3) – Leadership in Professional Development

Hybrid/Online Courses

- IT 481 (3) – Computers in Education: Theory and Practice
- IT 550 (3) – Emerging Technologies in Education
- IT 560 (3) – Leadership in Educational Technology

Practicum

- EDAD 550 (3) – Teacher Leader Practicum

Educational Administration - Teacher Leader (MSEd, EdS)

Graduation Requirements

All candidates must complete a field-based practicum supervised and evaluated by an administrator or teacher leader in the field and a faculty member in the Department of Educational Leadership at SIUE.

The internship is supervised and evaluated by an administrator in the field and a faculty member from the Department of Educational Leadership at SIUE.

All candidates are required to complete a field study/research project that is presented to a faculty committee and have a minimum 3.25 GPA.

Review the graduation policy for more information.

Educational Leadership Doctorate - General School Leadership (EdD)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Master of Science in education or its equivalent
- Grade point average of 3.25 (A=4.0) or higher in graduate study
- Teaching experience or other relevant experience as approved by the admissions committee
- Current resume that clearly indicates:
  - Educational background (degrees completed)
  - P-12 or other relevant work experience in education
  - Any relevant P-12 or other relevant leadership experiences
- Three letters of reference from administrators or supervisors who have first-hand knowledge of the candidate's professional work. Letters must address:
  - Nature of the relationship with the applicant (at least one letter must be from a current or past supervisor)
  - The applicant's leadership experience
  - Ability to work collaboratively
  - Ability to impact schools to improve student learning
  - Oral and written communication skills
  - Potential to become a transformative educational leader.
- Written responses to three focus questions that consider the goals of the EdD Program and preparation for doctoral study
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

All requirements will be reviewed by a faculty admissions committee to determine the potential of the candidate to affect educational improvement.

Educational Leadership Doctorate - General School Leadership (EdD)

Curriculum

Fifty-four (54) semester hours of graduate credit beyond the master's degree are required for the EdD.

Required courses (15 semester hours)
EDAD 563 (3) School and Community Relations
EDAD 565 (3) Personnel Administration
EDAD 570 (3) Leadership Theory and Practice
EDAD 580 (3) District Program Development
EDAD 555 (3) Superintendency, District Administration, and Governance
OR
EDAD 585 (3) School District Business Administration

Electives (15 semester hours)
Students select five (5) of the following courses (or other courses as approved by the program):
CI 510 (3) Analysis of Instruction
CI 511 (3) Differentiated Instruction
CI 563 (3) Curriculum Models
CI 578 (3) Organization and Administration of Literacy Programs
CI 581 (3) Foundations of Teacher Leadership
EDAD 555 (3) Superintendency, District Administration, and Governance
EDAD 585 (3) School District Business Administration
ENG 544 (3) Reading and Writing Pedagogy in TESL
ENG 576 (3) Writing Across the Curriculum
ENG 587 (3) Politics of Composition Pedagogy
SOC 502 (3) Seminar in Intergroup Relations
SOC 542 (3) Seminar in Gender and Gender Inequality
SOC 590 (3) Special Topics (to be approved by advisor)
SPED 514 (3) Legal Aspects of Special Education
SPED 515 (3) Administration and Supervision of Special Education Services
SPED 517 (3) Special Education Finance
Or other electives as approved by program faculty.

Advanced Study and Research
EDAD 600 (3) Proseminar in Doctoral Study
EDAD 620 (3) Advanced School Law
EDAD 660 (3) Politics and Policy-Making in Education
EPFR 601 (3) Quantitative Inquiry
EPFR 605 (3) Qualitative Inquiry-includes field study
EDAD 690 (3) Research Topics in Educational Leadership
EDAD 698 (3, 3) Doctoral Capstone Research Project

NOTES — All required courses (both the initial 15 hours of required courses and the 24 hours of advanced study and research courses) typically meet one evening a week with additional work completed online.

Educational Leadership Doctorate - General School Leadership (EdD)

Graduation Requirements

Prior to beginning the research sequence (EDAD 690 and 698), students must pass the qualifying examination for advancement to candidacy. The examination consists of essay questions that address course content and is taken after EPFR 605 (before EDAD 690 and 698). The exam is read by faculty and assessed for content and quality. Candidates must pass the examination to advance.

Final Capstone Research Project: The project requires an extensive written document that presents the results of the candidate's research. An oral presentation and successful defense of the project before a committee of three faculty members is required for program completion. Planning the project occurs in EDAD 690 and the project is carried out, defended, and finalized in EDAD 698.

Electrical and Computer Engineering (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Undergraduate GPA of at least 2.75 (A=4.0) in engineering, mathematics, and physical science courses.
- International Applicants
  - It is highly recommended that GRE scores are submitted.
  - Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants should normally have a baccalaureate degree in electrical/computer engineering from an ABET-accredited program. Applicants whose undergraduate studies were completed at institutions in countries other than the United States must have a baccalaureate degree in electrical/computer engineering comparable to the United States bachelor's degree.

Applicants with degrees other than a baccalaureate degree in electrical/computer engineering will be considered on an individual basis. Those with baccalaureate degrees in other science and engineering disciplines may be admitted, subject to completion of appropriate undergraduate electrical and computer engineering courses.

In exceptional cases, the graduate admissions committee may consider applicants who meet all Graduate School admission standards but who do not meet certain specified program admission requirements. The committee may consider other evidence that indicates high promise of the applicant's success in the program. Such supportive evidence may include extensive professional experience, published research, patents, or outstanding graduate-level work at another institution.

After admission and before enrolling in any courses, students are required to meet with the graduate program director who appoints, in consultation with the student, an advisory committee suited to each student's background and interests. The chair of the advisory committee serves as the student's academic advisor. Students are urged to file an approved plan of study with their academic advisor by the end of the first term of enrollment in the program.

Review the SIUE Admissions Policy for more information.

Electrical and Computer Engineering (MS)

Curriculum

The program of study requires a minimum of 33 semester hours of graduate credit, at least 18 of which must be at the 500-level. Program core requirement specifies at least one course from each of the following two areas:

- Signals and Systems: ECE 532, 535, 539, 563, or 574
- Computer Systems: ECE 538, 577, 581, 582, 584, or 585

In addition, ECE 510 is highly recommended for all graduate students.

Up to six hours may be taken in out-of-department courses. The out-of-department courses can be any graduate-level courses in the School of Engineering, biological sciences, chemistry, environmental sciences, mathematics and statistics, or physics, or be approved by the advisor.

Thesis and non-thesis options of study are available.

Thesis option

The program consists of the core courses, elective courses, and thesis work in the amount of six credit hours. The student will be guided by the advisor with the assistance and concurrence of the advisory committee. Thesis work involves an intensive research effort and generally requires two semesters to complete.

Non-thesis option

The program consists of the core courses, elective courses, and may include a research project. The research project is a component of any 500-level course approved by the advisory committee. The student will be guided by the advisor with the assistance and concurrence of the advisory committee.

Electrical and Computer Engineering (MS)

Combined Program

Early Entry BS and MS in Electrical and Computer Engineering

The Department of Electrical Engineering offers undergraduate students the opportunity to begin coursework toward the Master of Science during the senior year of their Bachelor of Science program. Students with senior-level status (at least 90 semester hours) and a GPA of 3.0 (A=4.0) overall may be admitted to the BS/MS program that allows them to earn 33 hours of graduate-level credit (400- and 500-level) during their combined fourth and fifth years. An application for degree-seeking status as a graduate student must be approved by the Graduate School and the Graduate Committee in Electrical Engineering. A program outline must also be submitted for approval by the Graduate Dean and director of the graduate program in electrical engineering prior to enrollment in any courses to be included as part of the master's program. Official admission to the graduate program and to status as a classified graduate student is made only after the award of the baccalaureate degree. In no case will a graduate degree be conferred before all requirements for both degrees have been completed.

Electrical and Computer Engineering (MS)

Graduation Requirements

When all other program requirements are satisfied, the advisory committee will schedule an exit oral presentation or examination. The format of the presentation or examination will be determined by the student's advisory committee.

Review the graduation policy for more information.

Cooperative PhD - Engineering Science

Admission Requirements | Application Process | Admissions Process | Retention Requirements

Admission Requirements

Applicants must meet the admission requirements of the SIUE and SIUC Graduate Schools and must be approved by the Graduate Studies Committee of the SIUC College of Engineering. Admission requirements include:

- Master's degree or its equivalent in an engineering discipline with thesis
- Master's degree GPA of 3.5 on a 4.0 scale is ordinarily required
- GRE scores submitted to SIUE (institution code 1759)
- Minimum TOEFL scores for non-native speakers of English submitted to SIUE (institution code 1759): 550 (paper score), 213 (computer score), or 80 (internet-based score)
- Minimum of funding for international students of U.S. $42,500 for each year of the proposed course of study, including funds from a graduate assistantship

For information about GRE and/or TOEFL, or to register for either test, please contact Educational Testing Service.

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Application Process

Some application materials must be sent to SIUE while some must be sent to SIUC. Follow the instructions below to ensure your application review is not delayed. Documents under each institution must be received by that institution before applications will be reviewed by that institution.

SIUE Application

- Applicants must complete the online application
- Official bachelor's transcript
- Official master's transcript
- Official GRE Score (institution code 1759)
- Three letters of recommendation
- 1.5 page statement of objectives
- Master's Thesis Abstract
- Current SIUE non-refundable application fee in U.S. dollars
- International students
  - Official TOEFL Score (institution code 1759)

Official transcripts must be sent electronically to siueapps@siue.edu directly from the institution or mailed to:

SIUE Graduate and International Admissions
Co-op PhD Application
Campus Box 1047
Edwardsville, IL 62026-1047

SIUC Application

- Applicants need to submit an electronic application
  - Create an account
  - Program selection will be Engineering Science
  - Degree selection will be PhD
  - Enter your area of concentration
  - When asked to provide letters of recommendation, enter SIUE as the recommender with the email address

of siueapps@siue.edu
- This will allow SIUE to attach the letters of recommendation already submitted to SIUE to SIUC.
  - International Students
    - Copy of Passport showing your name, date of birth, and country of citizenship
    - Financial Statement
      - This document is found at the end of the SIUC application. It must be completed even if you have been promised an assistantship.
      - Before you can be admitted, it is necessary for you to indicate that a minimum of U.S. $42,500 will be available to you for each year of your proposed course of study.
      - Be sure to indicate if your studies are totally dependent upon an assistantship or if you have personal funds to fulfill this requirement.
      - If you have personal funds, be sure to submit official documentation of funds and amounts via a recent bank statement
- Current SIUC non-refundable application fee in U.S. dollars (credit card only)

Admission Process

Your application will be reviewed by the SIUE School of Engineering and the SIUE department you plan to work with. If the application receives approval from these two entities, it will be reviewed by the appropriate SIUC college and department. If it receives approval from these two entities, it will be reviewed by the SIUC Graduate School. Your application can only be deferred one time. Therefore, your application does not receive approval in time for the semester you apply, it must be approved in time for the next or it will be withdrawn and you will have to reapply. SIUC grants or denies final admission to the program.

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Requirements for Retention

The rules of the SIUC Graduate School apply. In addition, students holding graduate assistantships are required to carry no more than two incomplete grades at any given time to be eligible to continue their assistantship appointments.

Cooperative PhD - Engineering Science

Candidacy and Dissertation

Candidacy

Admission to candidacy requires:

- Successful completion of the qualifying examination (which satisfies the research tool requirement of the Graduate School)
- Successful completion of 24 hours of credit (which satisfies the residency requirement of the Graduate School)

In addition, the Candidacy Exam Committee will be composed of at least three graduate faculty members consisting of the advisor of the student, along with at least one graduate faculty from each campus. It is recommended that these same faculty members also serve on the student's PhD Committee.

Dissertation

Following the admission to candidacy and upon completion of all the coursework, the candidate will prepare and submit a formal written dissertation proposal, defining the proposed research and the proposed line of inquiry. The candidate subsequently must make an oral presentation of the dissertation proposal to the members of the dissertation committee in an open forum. A public announcement of this event must be made at least five days in advance.

In the framework of the oral presentation of the dissertation proposal, the candidate is expected to address and respond to any question (by the members of the committee) related to material covered by all the courses taken during his doctoral studies or to the background necessary for the specific area of the proposed research. In addition, the candidate is expected to defend the research methodology and the proposed line of inquiry.

A dissertation must be written under the direction or co-direction of an engineering faculty member and approved by a dissertation committee consisting of at least six members, three SIUC faculty members and three SIUE faculty members, with a chair from SIUE and a co-chair from SIUC. The dissertation advisor must be chosen by the end of the student's first academic year. The dissertation committee should be formed after successful completion of the candidacy examination. The members of this committee need not be the same as the members of the candidacy examination committee. A dissertation research proposal must be approved by the dissertation committee. Candidates will be required to present an acceptable dissertation describing original research performed with minimal supervision. Dissertation approval is based on a successful oral defense of the dissertation research and approval of the dissertation. This requires approval of at least 80% of the dissertation committee.

The dissertation must be prepared in accordance with the Guidelines for Dissertations, Theses and Research Papers of the SIUC Graduate School. Dissertation approval is based on successful defense of the research performed in terms of originality, relevance and presentation (written and oral). This requires approval by at least 80% of the members of the dissertation committee.

Upon completion of the dissertation, which must demonstrate the ability of the candidate to conduct independent research, the committee will administer the final oral examination. The objective of the final oral examination, conducted in an open forum, will be the defense of the dissertation. Upon satisfactory completion of the dissertation and the final oral examination the committee will recommend the candidate for the doctoral degree.

Cooperative PhD - Engineering Science

Areas of Concentration

- Cooperative PhD - Engineering Science
  - Civil, Environmental and Geotechnical Engineering
  - Computer Science
  - Electrical and Computer Engineering
  - Mechanical Engineering

Civil, Environmental and Geotechnical Engineering

Courses are offered in environmental, structural, transportation, and geotechnical engineering. Environmental engineering topics include water and wastewater treatment as well as solid and hazardous waste management. Structural engineering topics include structural analysis and concrete, masonry, steel, and timber design. Transportation engineering topics include site selection, safety, and system design. Geotechnical topics include soil mechanics, foundation, excavation, tunneling, retaining structures, and supporting systems.

Cooperative PhD - Engineering Science

Areas of Concentration

- Cooperative PhD - Engineering Science
  - Civil, Environmental and Geotechnical Engineering
  - Computer Science
  - Electrical and Computer Engineering
  - Mechanical Engineering

Computer Science

Course offerings and areas of interest include advanced operating systems, computer architecture, computer networks, bioinformatics, artificial intelligence, database systems and information assurance.

Cooperative PhD - Engineering Science

Curriculum

The PhD program requires a minimum of 26 semester hours of coursework and 24 semester hours of dissertation research. The coursework is comprised of the program core requirements and additional courses taken in the student's selected area of specialty.

Core Requirements

Each student must complete the core course requirements of the program totaling 11 credit hours. The program core has the following components:

- Mathematics: Six credit hours
- Engineering or Science: Three credit hours approved by both the SIUE and SIUC advisors
- Seminar: Two credit hours
  - The two credit hours for the seminar, ENGR 580, must be taken over two semesters, one credit hour at a time. One of the two seminar credit hours must be taken before admission to candidacy and one after admission to candidacy.

Area of Concentration

In addition, a minimum of 15 credit hours is required in the selected area of concentration to provide substantial depth relevant to the student's research interests.

No more than two courses or six credit hours of 400-level courses can be counted toward the requirements of the PhD.

ENGR 590-Special Investigations course can only be used once for a maximum of three credit hours.

Applicants with a master's degree in computer science are encouraged to choose the computer engineering specialization in the co-op PhD program.

For questions related to transfer credit please contact the associate dean for research and development.

Approved Mathematics Courses for the Program Core

- MATH 420-3 Abstract Algebra
  - Standard algebraic structures and properties. Groups: Subgroups, normality and quotients, isomorphism theorems, special groups. Rings: Ideals, quotient rings, special rings. Fields: Extensions, finite fields, geometric constructions. Prerequisite: MATH 320 or consent of instructor.
- MATH 421-3 Linear Algebra II
  - Advanced study of vector spaces: Cayley-Hamilton Theorem, minimal and characteristic polynomials, eigenspaces, canonical forms, Lagrange-Sylvester Theorem, applications. Prerequisite: MATH 321 or consent of instructor.
- MATH 423-3 Combinatorics and Graph Theory
  - Solving discrete problems. Counting techniques, combinatorial reasoning and modeling, generating functions and recurrence relations. Graphs: Definitions, examples, basic properties, applications, and algorithms. Prerequisites: MATH 223; some knowledge of programming recommended.

- MATH 435-3 Foundations for Euclidian and Non-Euclidian Geometry
  - Points, lines, planes, space, separations, congruence, parallelism and similarity, non-Euclidean geometries, independence of the parallel axiom. Riemannian and Bolyai-Lobachevskian geometries. Prerequisites: MATH 250;

321; MATH 320 or 350, consent of instructor.
- MATH 437-3 Differential Geometry
  - Curve theory, surfaces in 3D space, fundamental quadratic forms of a surface, Riemannian geometry, differential manifolds. Prerequisite: MATH 250.
- MATH 450-3 Real Analysis I
  - Differentiation and Riemann integration of functions of one variable. Taylor series. Improper integrals. Lebesgue measure and integration. Prerequisite: MATH 350.

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- MATH 451-3 Introduction to Complex Analysis
  - Analytic functions, Cauchy-Riemann equations, harmonic functions, elements of conformal mapping, line integrals, Cauchy-Goursat theorem, Cauchy integral formula, power series, the residue theorem and applications. Prerequisites: MATH 223; 250.
- MATH 462-3 Engineering Numerical Analysis
  - Polynomial interpolation and approximations, numerical integration, differentiation, direct and iterative methods for linear systems. Numerical solutions for ODE's and PDE's. MATLAB programming required. Prerequisites: MATH 250; 305; CS 140 or 141, or consent of instructor. Not for MATH majors.
- MATH 464-3 Partial Differential Equations
  - Partial differential equations; Fourier series and integrals; wave equation; heat equation; Laplace equation; and Sturm-Liouville theory. Prerequisites: MATH 250, 305, and 321.

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- MATH 465-3 Numerical Analysis
  - Error analysis, solution of nonlinear equations, interpolation, numerical differentiation and integration, numerical solution of ordinary differential equations, solution of linear systems of equations. Prerequisites: MATH 305; CS 140 or 141.
- MATH 466-3 Numerical Linear Algebra with Applications
  - Direct and iterative methods for linear systems, approximation of eigenvalues, solution of nonlinear systems, numerical solution of ODE and PDE boundary value problems, function approximation. Prerequisites: MATH 305; 321; CS 140 or 141.
- MATH 501-3 Differential Equations and the Fourier Analysis
  - Brief review of ODE. Legendre and Bessel functions. Fourier series, integrals, and transforms. Wave equation, heat equation, Laplace equation. Not for MATH majors. Prerequisite: MATH 250, MATH 305, or consent of instructor.

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- MATH 502-3 Advanced Calculus for Engineers
  - Review of vector calculus, Green's theorem, Gauss' theorem, and Stokes' theorem. Complex analysis up to contour integrals and residue theorem. Not for MATH majors. Prerequisite: MATH 250 or consent of instructor.
- MATH 545-3 Real Analysis II
  - Riemann, Riemann-Stieltjes, and Lebesgue integrals. Differentiation of functions of n variables. Multiple integrals. Measure and probability. Differential forms, Stokes' Theorem. Prerequisites: MATH 321 and 450.
- MATH 552-3 Theory of Ordinary Differential Equations
  - Existence and uniqueness theorem, dynamical systems, stability, bifurcation theory, boundary value problems. Prerequisites: MATH 350; 421.

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- MATH 555-3 Functional Analysis with Applications
  - Normed and Banach spaces, inner product and Hilbert spaces, Open Mapping and Closed Graph Theorem, Hahn-Banach Theorem, dual spaces and weak topology. Prerequisite: MATH 421, 450.
- MATH 563-3 Optimal Control Theory (Same as ECE 563 and ME 563)
  - Description of system and evaluation of its performance; dynamic programming, calculus of variations and Pontryagin's minimum principle; iterative numerical techniques. Prerequisite: MATH 305 or ECE 365 or ME 450.
- MATH 565-3 Advanced Numerical Analysis
  - Rigorous treatment of topics in numerical analysis including function approximation, numerical solutions to ordinary and partial differential equations. Convergence and stability of finite difference methods. Prerequisites:

MATH 321; 350; 465; 466.

Engineering or Science Courses for the Program Core

Core courses are approved on a case-by-case basis. Courses may be taught by faculty at SIUC and made available at SIUE through distance education and other means. Other courses may also be taken to satisfy the engineering or science core requirements subject to approval of the advisor.

Cooperative PhD - Engineering Science

Areas of Concentration

- Cooperative PhD - Engineering Science
  - Civil, Environmental and Geotechnical Engineering
  - Computer Science
  - Electrical and Computer Engineering
  - Mechanical Engineering

Electrical and Computer Engineering

Course offerings and areas of interest include computer architectures, computer networks and security, embedded controller design and applications, VLSI design, mixed signal design, communications, signal and image processing, automation and control, power systems.

Cooperative PhD - Engineering Science

Graduation Requirements

In order to graduate, students of the PhD program must have successfully completed the following requirements:

- All requirements of the Southern Illinois University Carbondale Graduate School must be satisfied.
- A minimum of 26 hours of doctoral-level coursework must be completed. The GPA must be 3.25 or higher on a scale of 4.00.
- An acceptable dissertation must be completed within five years after admission to candidacy. In the event the dissertation is not completed in the set time frame, the student will be required to take and pass the candidacy exams again.

The doctoral degree is conferred by SIUC. Students must apply for graduation and pay application fees by the deadline via Salukinet.

Cooperative PhD - Engineering Science

Areas of Concentration

- Cooperative PhD - Engineering Science
  - Civil, Environmental and Geotechnical Engineering
  - Computer Science
  - Electrical and Computer Engineering
  - Mechanical Engineering

Mechanical Engineering

Course offerings and areas of interest include dynamics and vibration, robotics and automation, dynamical systems and control, structural mechanics, computational fluid mechanics, mass and heat transfer, refrigeration, HVAC, alternative cooling technologies. Other areas may also be formulated.

English Language and Literature (MA)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Minimum GPA of 2.50
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Three letters of recommendation.
- A one-page statement of purpose
- A recent sample of the applicant's writing, at least ten pages in length. The admissions committee prefers to read papers which engage in literary analysis, but will accept any paper which demonstrates the ability to conduct scholarly investigation.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

For applicants to the literature specialization, there is a requirement of one year of college-level course work (or its equivalent) in the same modern or classical foreign language, with at least a C average. These requirements may be satisfied during the course of the student's graduate studies.

Review the SIUE Admissions Policy for more information.

English Language and Literature (MA)

Post-Baccalaureate Certificate

ADMISSION

In addition to fulfilling the general requirements of the Graduate School, applicants must submit the same supporting materials required for application to the MA specializations (a one-page statement of purpose, a writing sample, and three letters of reference accompanied by waiver forms). The graduate adviser may require specific undergraduate course work from students who have not majored in English. Students who begin the Post-Baccalaureate Certificate program and then wish to enroll in the master's program must meet all requirements for admission to the MA degree program, including foreign language requirements.

LITERATURE

The literature certificate is designed for students seeking graduate work in literature and research but not wishing to commit to a two-year MA program. The certificate program offers substantive study in a relatively brief time and is intended for students teaching or planning to teach on the community college, high school, and middle school levels.

PROGRAM OF STUDY

Eighteen (18) hours of coursework (six (6) courses) are required for completion of the program, of which at least nine (9) hours (three (3) courses) must be at the 500 level.

1. Students must complete ENG 501: Modern Literary Studies, preferably in their first semester
2. Students may distribute the remaining five (5) courses among the following (providing that at least two (2) of these are at the 500 level):

ENG 403 History of the English Language
ENG 404 Chaucer
ENG 406 Old English Language
ENG 412 Digital Literacies
ENG 421 Topics in Film Studies
ENG 432 Major American Writers of the 20th Century
ENG 443 Prosody
ENG 444 Creative Non-Fiction
ENG 445 Young Adult Literature
ENG 446 Studies in African American Literature
ENG 457 Topics in Postcolonial Literature and Criticism
ENG 463 Topics in Literary Periods
ENG 464 Topics in Forms and Genres
ENG 465 Special Topics
ENG 471 Shakespeare
ENG 473 Milton
ENG 475 Methods in Teaching Secondary English: Literature and Culture
ENG 477 Morrison
ENG 478 Women, Language and Literature
ENG 479 Major Authors: Shared Traditions
ENG 480 Major Authors: Crossing Boundaries
ENG 482 Technology and Literature
ENG 486 Teaching Creative Writing
ENG 490 Advanced Composition

ENG 502 Modern Literary Theory
ENG 505 Topics in Forms and Genres
ENG 506 Topics in Literary Periods
ENG 508 Major Author Studies
ENG 521 Topics in Literature and Culture

ENG 526 Studies in African-American Texts
ENG 570 Teaching African-American Oral and Written Literature
ENG 578 Gender, Language and Pedagogy

English Language and Literature (MA)

Curriculum

The specialization in literature requires 30-36 semester hours for completion of the master of arts degree. Program elements include the following:

Required courses (18 hours):

- ENG 501 Modern Literary Studies, taken in the first available term.
- ENG 502-Modern Literary Theory
  Students must complete four literature courses. One of these courses must qualify as a world literature course (see course descriptions or see your graduate advisor to determine course eligibility.)

Electives (12 to 18 hours):

Courses may be elected in literature, creative writing, composition and/or linguistics. Elective hours may also include six hours of ENG 598 (Preparatory Reading/English and American Literature) or ENG 599 (Thesis). Students may, with the written approval of their advisor and of the Director of Graduate Studies, choose an elective from another SIUE department. Use the Graduate Student Request form to obtain approval prior to registration in any such course.

In total, no more than nine hours from 400-level courses can count toward the literature specialization.

English Language and Literature (MA)

Graduation Requirements

Students in the literature specialization can choose to complete a thesis or an exit project. Both options require the student to submit a prospectus that is approved by a committee of at least three faculty members (one of whom is the project director) who will consult with the student throughout the course of the project. Both options also require the student to complete an oral defense of the project before their committee.

Thesis

Students who choose to write a thesis may enroll in English 599 for a maximum of six credit hours. We strongly suggest that students who take all six credit hours split the thesis work into two semesters rather than taking all six hours at once. An acceptable thesis for the literature specialization should be a cohesive, comprehensive research study of at least 60 page in length. For more about the process of writing and submitting your thesis, visit both the Department's thesis page and the University's thesis page.

Exit Project

Students who do not wish to write a thesis may choose to develop an exit project that allows them more freedom in scope and content. Students who choose the exit project will enroll in English 598 for three to six credit hours depending on the dedicated time necessary for project completion. Before beginning the exit project, students must justify why they are choosing the three- or six-credit option in a prospectus that is approved by the exit project committee. The examples below should not be understood as exhaustive, but rather illustrative of the level of work required for the three- and six-credit options.

We assume that students will spend twelve hours per week in the completion of their exit projects. Therefore, the three-credit option should necessitate approximately 180-200 hours, whereas the six-credit option should necessitate approximately 380-400 hours of dedicated time. All projects should be academically rigorous, and the student should conduct thorough research appropriate to the particular focus and format of the study.

Example three-credit exit projects:

- A selection of materials from previous course work (usually three seminar-length papers) revised and expanded over the course of the semester and accompanied by a short reflection discussing the work that they've accomplished.
- A blog kept over the course of the Master's program from which the student has chosen specific examples to demonstrate growth over time. In an accompanying paper, the student discusses the blog's breadth and development, the audience it reached, and discourses that have occurred as a result of its publication.
- The planning and facilitation of a public exhibition (either physical or digital) in which the student curates the items on display using scholarly research. The student will accompany the exhibit with a paper explaining the exhibit's rationale, the work it entailed, and the outcomes fo the display.
- An action research project that inquires into a pedagogical concern in a secondary teaching environment. In this case, a teacher investigates a relevant problem in his/her school's English curriculum, researches the topic, develops meaningful actions, and creates plans and materials in preparation for enacting practical solutions.

Example six-credit exit projects:

- A digital edition of a textual corpus using current best practices for text encoding. The project should be accompanied by an editorial rationale, an introduction and annotation.
- A digital archive of an extensive collection of digital items that is thoroughly created and formally annotated (such as a substantial collection of books, news coverage of a literary event, etc.). Students should submit plans of all program curricula and an assessment of activities.
- The planning and execution of a community program about literature or literary history. Students should submit plans of all program curricula and an assessment of activities.

The Prospectus

Whether choosing the thesis or the exit project, students are required to submit a prospectus of 3-5 pages accompanied by a bibliography of sources.

Students choosing the thesis should explain their planned argument and provide a synopsis of each chapter.

Students choosing the exit project must give a synopsis of their intended project, outline their work plan, and provide a rationale for the amount of dedicated time required.

The project committee must approve the prospectus by signing the prospectus form. Although the department strongly encourages students to complete their prospectus prior to beginning exit course work, the approved prospectus must be submitted to the graduate director no later than the second week of exit coursework.

Note: All research involving human subjects must comply with regulations and guidelines found at the Graduate School's Office of Research and Projects. Proposals must be cleared by the appropriate board and approved by the Graduate Dean before data collection begins. Federal regulations require mandatory training for all researchers, including students writing a thesis, dissertation or research project.

Review the graduation policy for more information.

English - Teaching of Writing (MA)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Minimum GPA of 2.50
  International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Three letters of recommendation
- Statement of Purpose: A three- to five-page paper which explains how the applicant became interested in the field of Teaching of Writing, what the applicant hopes to learn in the program, and how that learning will help the applicant in a career.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

English - Teaching of Writing (MA)

Curriculum

Required primary courses (18 credit hours)

- ENG 552-Academic Writing and Research Methods
- ENG 554-Composition Pedagogy
- ENG 556-Theory of Composition and Rhetoric
- ENG 558-Practicum in the Teaching of Writing
- ENG 583-History of Rhetoric I-The Classical Period to the Renaissance
- ENG 596-Preparatory Reading/Teaching of Writing (exit project)

Students are required to complete three of the following secondary courses (three credit hours each):

- ENG 486 Teaching Creative Writing
- ENG 570 Teaching African American Oral and Written Tradition
- ENG 572 Theory and Practice of Teaching Writing with Computers
- ENG 574 Basic Writing Theory and Pedagogy
- ENG 576 Writing Across the Curriculum
- ENG 578 Gender, Language, and Pedagogy
- ENG 581 Topics in Teaching Writing
- ENG 584 History of Rhetoric II-The Enlightenment to Today
- ENG 587 Politics of Composition Pedagogy

One of the secondary courses can also be fulfilled with one of the following linguistics courses: ENG 400 Principles of Linguistics, 541 Discourse Analysis, or 544 Reading and Writing Pedagogy in Teaching English as a Second Language.

Elective course (three credit hours): 400- or 500-level ENG course (e.g., technical, expository or creative writing; pedagogy; linguistics, literature).

Students are required to complete one of the following options (nine credit hours inside or outside of the English Department):

- Three courses in the same foreign language
- Three TESL/linguistics courses
- Three literature courses
- Three creative writing courses
- Three computer and/or internet-based courses
- Three literacy and/or reading courses

Alternative three-course sequence to be determined by student in consultation with graduate advisor (e.g., courses in curriculum and instruction, mass communications, or instructional technology). Course work used to fulfill this option may be completed while student is a candidate in the teaching of writing specialization or may have been completed during the five years immediately preceding entrance to the program.

Post-Baccalaureate Certificate - Teaching of Writing
The teaching of writing post-baccalaureate certificate is designed for students seeking graduate work in composition pedagogy and research but not wishing to commit to a two-year MA program. The certificate program offers substantive, comprehensive study in a relatively brief time and is intended for students teaching or planning to teach on the university, community college, high school and middle-school levels.

Required courses (12 hours)
552 Academic Writing and Research Methods in Composition Studies
554 Composition Pedagogy
556 Theory of Composition and Rhetoric
558 Practicum in the Teaching of Writing

Electives (6 hours) selected from
486 Teaching Creative Writing

490 Advanced Composition
491 Technical Writing
492 Advanced Fiction Writing
493 Advanced Poetry Writing
541 Discourse Analysis
570 Teaching African American Oral and Written Tradition
572 Theory and Practice of Teaching Writing with Computers
574 Basic Writing Theory and Pedagogy
576 Writing Across the Curriculum
578 Gender, Language, and Pedagogy
581 Topics in Teaching Writing
583 History of Rhetoric I - The Classical Period to the Renaissance
584 History of Rhetoric II - The Enlightenment to Today
587 Politics of Composition Pedagogy
592 Creative Writing

English - Teaching of Writing (MA)

Graduation Requirements

In order to complete the program, the student will consult with the graduate advisor to create a three-person graduate faculty committee who will oversee the student's development of pertinent reading lists and the student's successful completion of three research-based essays on topics determined by the committee and student.

Review the graduation policy for more information.

English - Teaching of Writing (MA)

Post-Baccalaureate Certificate

ADMISSION

In addition to fulfilling the general requirements of the Graduate School, applicants must submit the same supporting materials required for application to the MA specializations (a three-to five-page paper which explains how the applicant became interested in the field of teaching of writing, what the applicant hopes to learn in the program and how that learning will help the applicant in a career, and three letters of reference). The Graduate Adviser may require specific undergraduate course work from students who have not majored in English. Students who begin the post-baccalaureate certificate program and then wish to enroll in the master's program must meet all requirements for admission to the MA degree program, including foreign language requirements.

TEACHING OF WRITING

The teaching of writing post-baccalaureate certificate is designed for students seeking graduate work in composition pedagogy and research but not wishing to commit to a two-year MA program. The certificate program offers substantive, comprehensive study in a relatively brief time and is intended for students teaching or planning to teach on the university, community college, high school, and middle school levels.

PROGRAM OF STUDY

Required courses (12 hours):

ENG 552 Academic Writing and Research Methods in Composition Studies
ENG 554 Composition Pedagogy
ENG 556 Theory of Composition and Rhetoric
ENG 558 Practicum in the Teaching of Writing

Electives (6 hours, 3 credit hours each) selected from:

ENG 486 Teaching Creative Writing
ENG 490 Advanced Composition
ENG 491 Technical Writing
ENG 492 Advanced Fiction Writing
ENG 493 Advance Poetry Writing
ENG 541 Discourse Analysis
ENG 570 Teaching African American Oral and Written Tradition
ENG 572 Theory and Practice of Teaching Writing with Computers
ENG 574 Basic Writing Theory and Pedagogy
ENG 576 Writing Across the Curriculum
ENG 578 Gender, Language, and Pedagogy
ENG 581 Topics in Teaching Writing
ENG 587 Politics of Composition Pedagogy
ENG 588 History of Rhetoric I - The Classical Period to the Renaissance
ENG 589 History of Rhetoric II - The Enlightenment to Today
ENG 592 Creative Writing

Environmental Resources and Policy (PhD)

Admission Requirements

Applicants must meet the admission requirements of the SIUE and SIUC Graduate Schools and must be approved by the SIUE Environmental Science and SIUC Environmental Resources and Policy departments.

- Admission to the program requires a Master of Science in a related field with a GPA of 3.0/4.0 or higher.
- Applications for admission must include the following:
  - Curriculum vitae or resume
  - Statement of interest: One- to two-page description of your professional goals, including your planned field of specialization (or program concentration)
  - Bachelor's and master's degree transcripts
  - GRE scores (SIUE institution code: 1759)
  - Three reference letters
- International applicants also need to submit the following:
  - A photocopy of the page(s) of your passport showing your name, date of birth and country of citizenship
  - TOEFL or IELTS score (SIUE institution code: 1759)
  - Financial statement to show that funding will be available to you for each year of your proposed course of study, or that you have an assistantship to provide toward the amount

Application Process

Some application materials must be sent to SIUE while some must be sent to SIUC. Follow the instructions below to ensure your application review is not delayed. Documents under each institution must be received by that institution before applications will be reviewed by that institution.

SIUE Application

- Applicants must complete the online application
- Official bachelor's transcript
- Official master's transcript
- Official GRE score (SIUE code 1759)
- Three reference letters
- Statement of interest
- International students
  - Official TOEFL or IELTS Score (institution code 1759)

Official transcripts must be submitted electronically to siueapps@siue.edu or mailed to:

SIUE Graduate and International Admissions
Co-op PhD Application
Campus Box 1047
Edwardsville, IL 62026-1047

The application deadline for fall admission and graduate assistantships is February 1. Only exceptional applicants may be admitted for spring semesters, and the application deadline is October 1.

SIUC Application

- Applicants need to submit an electronic application
  - Create an account
  - Program selection will be Environmental Resources and Policy
  - Degree selection will be PhD
    When asked to provide letters of recommendation, enter SIUE as the recommender with the email address of

siueapps@siue.edu

- This will allow SIUE to attach the letters of recommendation already submitted to SIUE to SIUC.
  - International students
    - Financial Statement
      - This document is found at the end of the SIUC application. It must be completed even if you have been promised an assistantship.
      - Before you can be admitted, it is necessary for you to indicate that a minimum of U.S. $40,500 will be available to you for each year of your proposed course of study.
      - Be sure to indicate if your studies are totally dependent upon an assistantship or if you have personal funds to fulfill this requirement.
      - If you have personal funds, be sure to submit official documentation of funds and amounts via a recent bank statement
    - Copy of Passport showing your name, date of birth and country of citizenship
- Current SIUC non-refundable application fee in U.S. dollars (credit card only)

Admission Process

The application will be reviewed by the SIUE Department of Environmental Sciences. If the application receives approval from the department, it will be forwarded to the SIUC Environmental Resources and Policy Program. Applications will then be reviewed by ERP program, and a final decision to recommend admission to the SIUE Graduate School will be administered by the SIUC ERP Internal Advisory Board in the same manner as other students who are admitted to SIUC's program and further by the SIUC Graduate School.

The student's PhD committee will determine the need for and nature of any remedial work required. In keeping with the common practice in the SIUC doctoral environmental resources and policy program, advisors will be identified at the time of admission.

Admission to the ERP program will be granted by the SIUC Graduate School.

Environmental Resources and Policy (PhD)

Candidacy and Dissertation

Preliminary Exams

By the end of their second semester in residence, students must have chosen a concentration and formed a graduate committee to oversee their dissertation research. The graduate committee will consist of five members: Two SIUC graduate faculty, two SIUE graduate faculty, and an additional member from either institution or an external member who holds graduate status or temporary graduate status as appropriate from the respective institution.

Written and oral preliminary examinations consist of two parts: One based on the program core material, and the other on the student's chosen concentration. If prelims are not passed, the student must wait a minimum of three months for the second and final attempt to pass the exam. When the student has passed prelims and a dissertation proposal is accepted by the committee, students are admitted to candidacy.

Dissertation Proposal and Candidacy

The candidate will prepare and submit a formal written dissertation proposal, defining the proposed research and proposed line of inquiry. In the framework of the oral presentation of the dissertation proposal, the candidate is expected to address and respond to any question (by the members of the committee) related to material covered by all the courses taken during his/her doctoral studies or to the background necessary for the specific area of the proposed research. In addition, the candidate is expected to defend the research methodology and the proposed line of inquiry. A dissertation research proposal must be approved by the dissertation committee. The dissertation proposal must also be presented in ERP 598, Applied Environmental Resources and Policy.

Admission to candidacy requires:

- Successful completion of 24 hours of credit (which satisfies the residency requirement of the Graduate School)
- Successful defense of the dissertation proposal (which satisfies the research tool requirement of the Graduate School)
- Successful completion of the qualifying examination

Dissertation and Defense

A dissertation is written under the direction of the student's dissertation advisor and the student's graduate committee. The dissertation must be prepared in accordance to the "Guidelines for Dissertations, Theses and Research Papers" of the SIUC Graduate School.

Candidates will be required to present an acceptable dissertation describing original research performed with minimal supervision. The oral presentation of the dissertation will be made to the members of the dissertation committee in an open forum. A public announcement of this event must be made at least five days in advance. Dissertation approval is based on a successful defense of the dissertation research performed in terms of originality, relevance, and presentation (both written and oral). This requires approval of at least 80% of the dissertation committee. The dissertation research must also be presented in ERP 598, Applied Environmental Resources and Policy.

Environmental Resources and Policy (PhD)

Curriculum

The environmental resources and policy program requires a minimum of 60 credit hours, including:

12 credit hours of core coursework

- ERP 502 Environmental Decision Making (3 credit hours)
- A methodology or science course at SIUC (3 credit hours)
- A methodology or science course at SIUE (3 credit hours)
- ERP 598 Applied Environmental Resources and Policy (1 credit hour each year in residence)
- ERP 601 Continuing Enrollment (SIUE students registration for ERP 601 with no charge)

Up to six credit hours can be approved for transfer to the degree program if they were earned from an accredited institution. Transfer credits will not count toward the residency requirement.

24 hours of dissertation research credit

- ERP 600 Dissertation (12 credit hours)
- ENSC 600 Dissertation (12 credit hours)

Only six hours of dissertation research credit may be taken prior to the oral defense of the dissertation proposal and approval of the dissertation proposal.

24 hours of concentration coursework
The 24 hours of elective coursework will be taken within an area of chosen concentration. The student and the research supervisor(s) in consultation with the student's graduate advisory committee will determine specific concentration courses. The multi-disciplinary curriculum for each concentration is customized to meet the student's individual interests and career goals.

The minimum course requirements are listed in the SIUC Graduate Catalog and on the SIUC Environmental Resources and Policy Program website.

Environmental Resources and Policy (PhD)

Graduation Requirements

In order to graduate, students of the doctoral program must have successfully completed the following requirements:

- All requirements of the SIUC Graduate School must be satisfied.
- A minimum of 36 hours of doctoral-level coursework must be completed. The GPA must be 3.25 or higher on a scale of 4.00.
- An acceptable dissertation must be completed within five years after admission to candidacy. In the event the dissertation is not completed in the set time frame, the student will be required to take and pass the candidacy exams again.

The doctoral degree is conferred by SIUC. Students must apply for graduation and pay application fees by the deadline via Salukinet.

Environmental Sciences (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Admission to this program requires a positive recommendation from the Environmental Sciences Admission Committee. The program requires all prospective students to submit a letter stating their academic and professional goals.
- The GRE is required for those students whose undergraduate GPA is below 3.0 (4.0 scale).
- Additionally, for those students whose GPA is below 2.75 (4.0 scale), two letters of recommendation are required.
- Applicants with less than a 2.5 grade point average will ordinarily not be admitted. Students entering any of the areas of emphasis must have a baccalaureate degree in an appropriate academic major. Computer literacy is strongly encouraged.
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Competitive graduate assistantships through the Environmental Sciences Program and Competitive Graduate Awards through the Graduate School are available.

Review the SIUE Admissions Policy for more information.

Environmental Sciences (MS)

Curriculum

The master of science degree in environmental sciences requires a minimum of 33 hours of graduate work for those students electing to complete a thesis and 38 hours of graduate work for those students electing to complete a non-thesis paper.

Students will choose one of five emphasis options.

Within the first semester of study, the student must select a graduate faculty member as thesis (or non-thesis) chairperson for graduate advisory committee. The chairperson will advise the student on course work and research. Within the first year of study, the graduate advisory committee must be complete, consisting of the chairperson and two or more additional graduate faculty members. The graduate advisory committee should consist of faculty with expertise or interests that are appropriate to the student's academic background, goals, and career interests. The graduate advisory committee and the student will develop a research project outline and will determine before the work begins whether the project is to result in a thesis or a non-thesis paper. The research project is then approved for initiation and supervised by the committee chairperson.

Environmental Sciences (MS)

Graduation Requirements

Each student is required to complete a research thesis or non-thesis paper. With advisement and agreement of the thesis committee, students may select their own research topic. Students are encouraged to work with faculty on their ongoing research projects. Because of career enhancements, students are encouraged to select the thesis option.

Following the completion of the program of study, including the thesis or non-thesis paper, the student will present the thesis or non-thesis paper, open to the public, to the graduate advisory committee for critique. Student must also pass a final oral examination administered by the graduate advisory committee.

Review the graduation policy for more information.

Environmental Sciences (MS)

Emphasis Options

- Environmental Biology
  - Environmental Biology
  - Environmental Chemistry and Toxicology
  - Environmental Education
  - Environmental Policy and Public Administration
  - Environmental Technology and Assessment

Environmental Biology

- Required core courses (8-9 hours): ENSC 505, 506, 510, and a 3- or 4- hour 400- or 500-level statistics course
- Thesis (1-6 hours): ENSC 599 or Final Research Paper (1-3 hours): ENSC 597
- Required emphasis courses (9 hours): ENSC 540, 550, and either ENSC 528/528L or 520
- Electives: 9 hours minimum

Environmental Sciences (MS)

Emphasis Options

- Environmental Chemistry and Toxicology
  - Environmental Biology
  - Environmental Chemistry and Toxicology
  - Environmental Education
  - Environmental Policy and Public Administration
  - Environmental Technology and Assessment

Environmental Chemistry and Toxicology

- Required core courses (8-9 hours): ENSC 505, 506, 510, and a 3- or 4-hour 400- or 500-level statistics course
- Thesis (1-6 hours): ENSC 599 or Final Research Paper (1-3 hours): ENSC 597
- Required emphasis courses (9 hours): ENSC 525 or 531, ENSC 535 or 540, and either ENSC 528/528: or 520
- Electives: 9 hours minimum

Environmental Sciences (MS)

Emphasis Options

- Environmental Education
  - Environmental Biology
  - Environmental Chemistry and Toxicology
  - Environmental Education
  - Environmental Policy and Public Administration
  - Environmental Technology and Assessment

Environmental Education

- Required core courses (8-9 hours): ENSC 505, 506, 510, and a 3- or 4- hour 400- or 500-level statistics course
- Thesis (1-6 hours): ENSC 599 or Final Research Paper (1-3 hours): ENSC 597
- Required emphasis courses (9 hours): ENSC 550, 520, and either ENSC 580 or 540
- Electives: 9 hours minimum

Environmental Sciences (MS)

Emphasis Options

- Environmental Policy and Public Administration
  - Environmental Biology
  - Environmental Chemistry and Toxicology
  - Environmental Education
  - Environmental Policy and Public Administration
  - Environmental Technology and Assessment

Environmental Policy and Public Administration

- Required core courses (8-9 hours): ENSC 505, 506, 510, and a 3- or 4- hour 400- or 500-level statistics course
- Thesis (1-6 hours): ENSC 599 or Final Research Paper (1-3 hours): ENSC 599 or Final Research Paper (1-3 hours): ENSC 597
- Required emphasis courses (9 hours): ENSC 511, 512 and 550
- Electives: 9 hours minimum

Environmental Sciences (MS)

Emphasis Options

- Environmental Technology and Assessment
  - Environmental Biology
  - Environmental Chemistry and Toxicology
  - Environmental Education
  - Environmental Policy and Public Administration
  - Environmental Technology and Assessment

Environmental Technology and Assessment

- Required core courses (8-9 hours): ENSC 505, 506, 510, and a 3- or 4-hour 400- or 500-level statistics course
- Thesis (1-6 hours): ENSC 599 or Final Research Paper (1-3 hours): ENSC 597
- Required emphasis courses (9 hours): ENSC 550, 573, and either ENSC 528/528: or 520
- Electives: 9 hours minimum

Environmental Science Management (PSM)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Admission to this program requires a positive recommendation from the Environmental Sciences Admissions Committee. The program requires all prospective students to submit a letter stating their academic and professional goals.
- The GRE is required for those students whose undergraduate GPA is below 3.0 (4.0 scale).
- For those students whose GPA is below 2.75, two letters of recommendation are required.
- Applicants with less than a 2.5 GPA will ordinarily not be admitted.
- Students must have a baccalaureate degree in a science major. Computer literacy is strongly encouraged.
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Competitive graduate assistantships through the environmental sciences program and competitive graduate awards through the Graduate School are available. The Office of Student Financial Aid administers most of the University's financial aid programs.

Review the SIUE Admission Policy for more information.

Environmental Science Management (PSM)

Curriculum

The professional science master's degree in environmental science management requires a minimum of 36 hours of graduate work.

Required core courses (8 hours): ENSC 505, 506, 510, and a 3- or 4-hour 400- or 500-level statistics course

Internship (6 hours): ENSC 590

Business Courses (9 hours): ACCT 524, CMIS 526 and MBA 522

Required emphasis courses (12 hours): ENSC 511 or 512, 540, and at least two other ENSC electives

Final Research Paper or Thesis (3 hours): ENSC 597 or 599

Within the first semester of study, the student must select a graduate faculty member as chairperson for the graduate advisory committee. The chairperson will advise the student on course work and research. The graduate advisory committee should consist of faculty with expertise or interests that are appropriate to the student's academic background, goals and career interests. The graduate advisory committee and the student will develop a thesis or non-thesis paper outline before the work begins. The thesis or non-thesis paper is then approved for initiation and supervised by the committee chairperson.

Environmental Science Management (PSM)

Graduation Requirements

Following the completion of the program of study, including the thesis or non-thesis paper, the student will present the thesis or non-thesis paper, open to the public, to the graduate committee for critique and must pass a final oral examination administered by the graduate advisory committee.

Review the graduation policy for more information.

Kinesiology - Exercise and Sport Psychology (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's prior to enrollment
- Applicants must have an undergraduate grade point average of at least 2.75 (A=4.0) to be considered for admittance into the program.
- Only courses in which the student earned a grade of "B" or better will be considered for transfer credit.
- For international students, a minimum total internet-based TOEFL score of 100 is required to be considered for admission.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Admission may be granted to applicants who have a bachelor's degree and meet the aforementioned criteria, although any prerequisites necessary to study in a particular specialization are at the discretion of the program advisor.

Selection for admission is determined by the graduate faculty in the Department of Kinesiology and Health Education. The student's grade point average and course work content from previous professional preparation will be used to determine qualifications for entrance into the program.

Review the SIUE Admissions Policy for more information.

Application Deadline

Applications are accepted on a rolling basis.

Kinesiology - Exercise and Sport Psychology (MS)

Curriculum

Students may begin in the fall, spring or summer semesters. Due to the versatility of the program, students can complete the program in as little as one year. However, students typically take five semesters to complete their degree. Students have the option to choose between either the thesis or non-thesis option.

Thesis Option-30 hours; Non-Thesis Option-30 hours

Required Courses (15 hours)*

KIN 501 Exercise Psychology - Provides an in-depth analysis of psychosocial factors related to preventive and rehabilitative exercise behavior.
KIN 502 Sport Psychology - Explores the psychological factors influencing participation patterns and performance in sport, and effects of sport upon psychological responses.
KIN 503 Sport Sociology - Provides an in-depth analysis of the interaction between physical activity and society including the social and cultural processes and institutions which influence, and are influenced by physical activity.
KIN 506 Rehabilitation and Health Psychology - This course is designed to provide an in-depth analysis of the psychological issues associated with injury and disease rehabilitation as well as the psychological issues related to health.
KIN 505 Psychology of Coaching OR **KIN 507** Physical Activity Promotion

*Courses are offered in traditional and online formats. Traditional courses are offered in the evening, in a traditional classroom setting.

Thesis Option (15 hours)*

KIN 599 Thesis in Kinesiology - Students selecting the thesis track must earn a minimum of three (3) credit hours. This course may be repeated for a maximum of
six hours (6).
KIN 509 Research Methods in Kinesiology - Prepare students to read, understand and evaluate research in the field of kinesiology.
PSYC 520 Research Design and Inference I - Research methods, philosophy of science, research writing, review of basic statistics, using computer for statistical analysis and research writing. Prerequisite: graduate standing in psychology or consent of instructor.
OR **SOC 518** Advanced Data Analysis
Electives (3)

*Courses are offered in the evening, in a traditional classroom setting.

The thesis option is ideal for students interested in pursuing a doctoral degree in sport and exercise psychology, counseling or other psychology. Students will learn research processes and investigate the impact of psychological factors in sport and/or exercise. Students will have opportunities to present at professional conferences and publish in scientific journals. Students pursuing the thesis option will typically take two academic years to complete the coursework and research thesis. The student and faculty advisor will match thesis and coursework with the goals of the student to provide an exceptional learning experience.

Admission to a graduate program in kinesiology does not guarantee the opportunity to complete a thesis. Students choosing to complete a thesis must do the following:

- Meet with the professor(s) with whom you would like to work, to discuss your research interests
- Submit a letter of interest to the professor(s) with whom you would like to work. Please use this form to guide your letter.
- Submit an example of your writing to the professor(s) with whom you would like to work

Faculty will choose thesis students based on a combination of the students potential for success, a match in research interests between the faculty member and the student, as well as the availability of the faculty member.

For additional information, please contact the coordinator for your program of interest

- Exercise Physiology - Dr. Brianne Guilford
- Exercise and Sport Psychology - Dr. Lindsay Ross-Stewart
- Physical Education and Coaching Pedagogy - Dr. Dave Cluphf

Non-Thesis Option (15 hours)*

KIN 522 Analysis of Teaching Behaviors in Sport and Physical Education - Selection and observation of appropriate teaching behaviors in sport and K-12 physical education.
KIN 527a Action Research in Physical Activity I - Introduces students to action research, a form of self-reflective, systematic inquiry by practitioners on their own practice. Prerequisites: admission to physical education and sport pedagogy program.
KIN 527b Action Research in Physical Activity II - Introduces students to presenting action research, a form of self-reflective, systematic inquiry by practitioners on their own practice. Prerequisites: admission to physical education and sport pedagogy program.
Electives (6)
*Courses are offered in traditional and online formats. It is possible to complete all electives online.

The non-thesis option is for students who are not interested in pursuing a doctoral degree.

Kinesiology - Exercise and Sport Psychology (MS)

Graduation Requirements

Students may select either a thesis or non-thesis option. Students who elect to prepare a research thesis in lieu of the non-thesis project must also present an oral defense of the thesis by a written and oral assignment to incorporate both research and application of the master's program material. To complete a thesis, a student must be accepted by a faculty member based on the requirements outlined on the website.

In the final semester non-thesis students will be required to complete a comprehensive project determined in close consultation with one's graduate advisor and other faculty as appropriate. The project is intended to develop greater breadth and depth of understanding of the field and the application of knowledge that will lead to the implementation or presentation of a plan to a profession, community group or an organization as approved by the program director. Concludes as the student presents orally the findings related to his/her project and defends conclusions against questions raised by the faculty advisor.

Review the graduation policy for more information.

Family Nurse Practitioner

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts

School of Nursing admission decision for Post-Licensure Applicants are based upon the following:

- Professional experience, goals statement, and three (3) reference forms (one (1) of which should be from your current manager and two (2) others preferably from nurses holding a graduate degree in nursing or a related field).
- Bachelor of Science in nursing from a CCNE or NLNAC accredited program. (Graduates from non-NLNAC or CCNE accredited programs will be considered under certain circumstances. Please contact the School of Nursing for more information.)
  - Students in the RN to BS in nursing completion program may apply to the graduate program when they have less than 32 hours remaining in their BS in nursing studies and following completion of NURS 335R, but prior to taking NURS 472R.
- Current unencumbered RN licenses in the state where you plan to complete your practicum experience.
  - Please note that if you live anywhere in or around the St. Louis metro area, we strongly encourage you to hold an active Illinois and Missouri license.
- Minimum undergraduate nursing GPA of 3.0 on a 4.0 scale.
  - Direct entry Family Nurse Practitioner DNP students must maintain a nursing GPA of 3.0 throughout their BS in nursing coursework. Grades earned in graduate course work are subject to graduate program requirements.
- Preferred minimum undergraduate science GPA of 3.0 on a 4.0 scale.
- Preferred minimum overall undergraduate GPA of 3.0 on a 4.0 scale.
- Evidence of completion of an undergraduate statistics course with a grade of C or better.
- Completion of a minimum of 1872 hours of professional nursing practice experience prior to enrollment in the first specialization clinical course.
- Successful completion of a drug screen and a criminal background check, as specified by the School of Nursing, to be performed after initial acceptance to the program.
- Successful completion of an application interview.

School of Nursing admission decisions for Pre-Licensure Applicants are based upon the following:

- Admission to SIUE's undergraduate nursing program.
  - Students who qualify and are accepted into SIUE's Accelerated Bachelor of Science (ABS) in nursing option may apply for direct entry into our Family Nurse Practitioner DNP program. Application to the graduate school should be made simultaneously with the ABS application.
  - Students who are in SIUE's traditional nursing program may apply for direct entry into our Family Nurse Practitioner DNP program. Application to the graduate school should be made when less than 32 hours remain in the BS in nursing studies and at least one semester prior to taking NURS 472.
- Self-Reflection statement and two references.
  - References submitted by ABS students for the ABS program will also count for the graduate program. For traditional nursing students, references from SIUE nursing faculty are required.
- Upon graduation from the traditional or ABS option, students must successfully pass the NCLEX-RN and obtain an unencumbered RN license in the state where they plan to complete their graduate practicum experience.
  - Please note that if you live anywhere in or around the St. Louis metro area, we strongly encourage you to hold an active Illinois and Missouri license.
- Students must have a minimum undergraduate nursing GPA of 3.0 on a 4.0 scale.
  - ABS students must meet the GPA admission requirements of the ABS program.
  - Direct entry Family Nurse Practitioner DNP students must maintain a nursing GPA of at least 3.0 throughout their BS in nursing coursework. Grades earned in graduate course work are subject to graduate program requirements.

- Preferred minimum undergraduate science GPA of 3.0 on a 4.0 scale.
- Preferred minimum overall undergraduate GPA of 3.0 on a 4.0 scale.
- Evidence of completion of an undergraduate statistics course with a grade of C or better.
- Completion of a minimum of 1872 hours of professional nursing practice experience as a Registered Nurse prior to enrollment in the first specialization clinical course. A SIUE SON employment validation form completed by your nursing manager will be required. Please contact the graduate advisor to discuss when your first specialization clinical course will occur. If student does not obtain the required year of experience, the School of Nursing reserves the right to drop the student or delay their progression until the requirement is met.
- Successful completion of a drug screen and a criminal background check, as specified by the School of Nursing, to be performed after initial acceptance to the program.
- Successful completion of an application interview.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants may follow up with the graduate nursing advisor to check on status of the application.

Application Deadline

Priority deadline is February 1 for the class entering in the fall.

Family Nurse Practitioner

Full-Time Sample Curriculum
(Part-Time Sample Curriculum Available on Request)

Year 1 (Fall Semester)

(4) NURS 514 Advanced Human Physiology
(4) NURS 515 Advanced Human Pathophysiology
 8 - Total Credits

Year 1 (Spring Semester)

(3) NURS 600 Theory Guided Practice
(3) NURS 516 Pharmacology for APNs
(3) NURS 620 Health Care Informatics
 9 - Total Credits

Year 1 (Summer Semester)

(3) PAPA 561 Biostats/Epi
(3) NURS 604 Evaluating Evidence for Improving Practice
(1) NURS 695a Introduction to DNP Projects
 7- Total Credits

Year 2 (Fall Semester)

(3) NURS 513 Advanced Health Assessment and Practicum
(3) NURS 520 Diagnostic Tests and Interpretations and Procedures
(3) NURS 570 Health Promotion
 9 - Total Credits

Year 2 (Spring Semester)

(3) NURS 601 Genomics and Ethics
(4) NURS 571 Advanced Management of Adult Health in Primary Care 1 and Practicum
(1) NURS 697a Doctoral Project Design and Management I
(1) NURS 697b Doctoral Project Design and Management II
 9 - Total Credits

Year 2 (Summer Semester)

(3) NURS 573 Advanced Management of Women's Health
    and Practicum
(3) NURS 697c Doctoral Project Design and Management III
 6 - Total Credits

Year 3 (Fall Semester)

(4) NURS 572 Advanced Management of Adult Health in Primary Care II and Practicum
(4) NURS 576 Advanced Management of Pediatric Client and Practicum
(1) NURS 697d Doctoral Project Design and Management IV
  9 - Total Credits

Year 3 (Spring Semester)

(5) NURS 677 Advanced Practicum and Role Synthesis
(3) NURS 606 Leadership and Health Policy for Advanced Nursing Practice
(1) NURS 697e Doctoral Project Design and Management V
  9 - Total Credits

Total Hours 66

School of Nursing Retention Policy

Scholarship appropriate for students in a School of Nursing graduate program is demonstrated through satisfactory completion of course work, defined as obtaining a course grade of A or B. Students who obtain a course grade of D or F in a graduate nursing specialization are withdrawn from the graduate program without the option of repeating the course. Students may only earn one course grade of C and stay enrolled in graduate nursing programs. If a second course grade of C is earned, students are automatically removed from the graduate nursing program, regardless of the cumulative GPA. Repeating a course in which there is originally a grade of C does not eliminate the original course grade of C from being applied toward this exclusion policy.

Family Nurse Practitioner

Graduation Requirements

Doctoral students in the School of Nursing's Family Nurse Practitioner option must complete all courses with a GPA of 3.0/4.0, which includes successful completion of all clinical practicum experiences. Family nurse practitioner students must also successfully complete a DNP project.

Geography (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Applicants must have at least an overall grade point average of 2.8 (A=4.0). Applicants who do not meet the required grade point average will be considered based on letters of recommendation, acceptable scores on the Graduate Record Examination (GRE) or on grades in recommended or required prerequisite courses.
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Personal history for the department
- Curriculum Vitae (Resume)
- A one- to two-page statement of purpose discussing why the applicant has chosen our program, their interests, what the applicant hopes to gain from the program, and how it will help the applicant achieve their long-range objectives in geography
- Two letters of reference from individuals familiar with the applicant's academic background, training or work. A third letter is optional and may be submitted to help support the application. Please contact Graduate Admissions to submit a third letter.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Admission is open to geography and non-geography majors with baccalaureate degrees satisfying the general requirements of the Graduate School. Non-geography majors and, in some cases, geography majors may be required to take prerequisites as a condition for full acceptances in the graduate program. Courses taken to remedy any deficiencies do not count as part of the regular program.

Review the SIUE Admissions Policy for more information.

Geography (MS)

Curriculum

Students in the graduate program are required to maintain a minimum overall grade point average of 3.0. Should a student earn a grade of C or below in any graduate level course, he or she will be placed on academic probation. Any student earning two grades of C or below in the program will be dropped from the geography graduate program, regardless of GPA. To facilitate the process of student advising and guidance, all applicants must submit a one-page written statement of their graduate education and study plan along with their graduate admissions forms.

Thesis Option:

A minimum of 30 hours is required for the master of science, of which 21 semester hours must be geography graduate-level courses. In addition, at least one half of the required 30 credit hours must be earned at the 500-level. Required courses (12 hours) include: GEOG 520, 521, 522; plus one seminar in geography. Electives (12-15 hours) are additional courses that should be related to the student's needs and interests and faculty expertise. Candidates must complete a thesis while enrolled in GEOG 599 (3 to 6 hours).

Non-Thesis Option:

A minimum of 36 credit hours is required for the master of science, of which 24 semester hours must be geography graduate-level courses. In addition, at least one-half of the 36 required credits must be earned at the 500-level. Required courses (15 hours) include GEOG 520, 521, 522, 598 plus one seminar in geography. Electives (21 hours) are additional courses that should be related to the student's needs and interests and faculty expertise.

In addition, each graduate student, regardless of option selected, must declare a subject area he or she wishes to emphasize. Before enrolling in the second year of study, each student must have selected a subject area advisor and obtained approval from the advisor as well as the graduate director.

Geography (MS)

Graduation Requirements

Thesis Option: in addition to the thesis itself, a final oral examination will be conducted by the candidate's committee. This examination will cover the content of the thesis as well as the fundamental concepts of the discipline as stated in the program's objectives.

Non-Thesis Option: The candidate must complete GEOG 598 (Graduate Research Project) with a grade of C or better. GEOG 598 is usually completed in two semesters. Students should register for GEOG 598 in their third (or next to last) semester and expect to complete the requirements during their fourth (or last) semester in the program. Requirements include a research paper and a presentation based on the research paper. Students will receive a DE after the first semester which will convert to a letter grade upon completion of the requirements during the second semester.

Review the graduation policy for more information.

Healthcare Informatics (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all academic transcripts
- Completion of a baccalaureate degree with a minimum GPA of 2.75/4.0
- Evidence of completion of an undergraduate or graduate statistics course with a grade of C or better
- Statement of Purpose: A written statement describing their background in healthcare and/or information technology and their reasons for pursuing a graduate degree in healthcare informatics
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Admission Deadlines

Students are admitted into HCIM in fall and spring semesters only.

Healthcare Informatics (MS)

Program of Study

NURS 509-3: Interdisciplinary Healthcare Informatics
Introduces informatics terminology and theory, including searching, managing, and evaluating data, analyzing information systems, and integrating technology into practice.

NURS 511-3: Social, Ethical and Legal Issues in an Informative Age
Explores social, ethical and legal issues related to searching, storing and using healthcare information and the ethical and legal formation of informatics professionals.

NURS 512-3: Managing Quality and Safety in Healthcare
Examination of processes and integration of concepts used to measure and improve quality and effectiveness of health care. Examination and analysis of research statistics.

CMIS 515-3: Project Management Standard Process
Is a framework of standard processes based on the Project Management Body of Knowledge and other resources. It includes processes for managing scope, time, quality, cost, human resources, communications, risk and procurement.

CMIS 517-3: Enterprise Resource Planning
The role of Enterprise Resource Planning (ERP) software in the business environment will be explored using SAP. A risk management approach will be emphasized.

CMIS 518: Seminar in CMIS: Information Security
An introduction to the technical and administrative aspects of information security and assurance. It provides an understanding of the key issues associated with protecting information assets, determining the levels of protection and response to security incidents, and designing an effective information security system.

PBHE 455-3: Introduction to Epidemiology
Epidemiologic terminologies. Description and analysis of disease occurrence using appropriate epidemiologic measurements. Exploration of causal relationships. Identification of epidemiologic roles in disease control and prevention.

IT 508-3: Seminar in IT: Instructional Design and Media Selection for Healthcare Informatics
Provides healthcare informatics professionals with foundation in the skills of planning, designing, developing, implementing, and evaluating employee trainings.

PSYCH 576-3: Graduate Seminar in Organizational Development
Introduces early history, assumptions, concepts and various change strategies and human process approaches to planned change within a systems framework.

CS 430-3: Database Design
Includes database management system concepts, models and languages, entity and relationship, relational and object-oriented data models, relational database design and implementation including SQL, and object databases.

CS 560-3: Information Discovery in Electronic Healthcare Records
Analytical techniques for discovering information in electronic healthcare record systems through data mining, text mining, and visual analytics techniques.

HCIM 596a: Capstone I
During Capstone I, the student will initiate their capstone project. The student will use their approved project proposal to do the background work and literature review. An outline of the final paper is required at the end of the course.

HCIM 596b: Capstone II
During Capstone II, the student will continue their capstone project and submit a rough draft of their capstone project paper. The student will analyze the current system being replaced (or in need of replacement) and research viable IT solutions (potential solutions). The student will then identify and make an IT solution recommendation. A literature review concerning the background of the problem and technology based solution will be submitted along with the remainder of the initial (rough) draft of the capstone project paper.

HCIM 596c: Capstone III
During Capstone III, the student will complete their capstone project and submit their final capstone project paper and deliver a presentation.

Retention Policy

Scholarship appropriate for students in the Master of Science in Healthcare Informatics Program is demonstrated through satisfactory completion of course work, defined as obtaining a course grade of "A" or "B." The following retention policy applies specifically to the program:

1. Students who obtain a course grade of "D" or "F" will have suspended enrollment until a retention plan is created and signed by the student and the program director. A second course grade of "D" or "F" will result in removal from the program.
2. Students earning one course grade of "C" are allowed to remain enrolled in the program. Students earning a second course grade of "C" or lower will have suspended enrollment until a retention plan is created and signed by the student and the program director. Students earning a third course grade of "C" or lower are removed from the program. Students repeating a course in which there is a grade of "C" does not eliminate the original course grade of "C" from being applied toward this exclusion policy.
3. Per SIUE Policy 1F1, all students must have a GPA of 3.0 or higher in all graduate coursework required by the program to be awarded the degree.
4. Contact the SIUE Student Service Center for instructions and information on withdrawal.

Healthcare Informatics (MS)

Graduation Requirements

Completion of required courses with a grade point average of at least 3.0 (A=4.0), and a final presentation.

Review the graduation policy for more information.

Healthcare and Nursing Administration / Healthcare Informatics (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- International Applicants: Proof of English proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

School of Nursing admission decisions are based upon the following:

1. Provide professional experience, goals statement, and three reference forms (one of which should be from your current manager and two others preferably from nurses holding a graduate degree in nursing or a related field).
2. Bachelor of Science in nursing from a CCNE or NLNAC accredited program. (Graduates from non-NLNAC or CCNE accredited programs will be considered under certain circumstances. Please contact the School of Nursing for more information.)
3. Current unencumbered RN licenses in the state where you plan to complete your practicum experience. Due to the required clinical assignments, nurse anesthesia students must possess unencumbered Illinois and Missouri RN licenses.
    1. NP, NE and HCNA students, please note that if you live anywhere in or around the St. Louis metro area, we strongly encourage you to hold an active Illinois and Missouri license.
    2. If a student participates in any clinical practicum in a state in which they are not licensed, the student will be referred to the appropriate Student Affairs Committee Honor Board for a Level 4 violation of the Academic Integrity Statement.
4. Minimum undergraduate nursing GPA of 3.0/4.0.
5. Preferred minimum undergraduate science GPA of 3.0/4.0.
6. Preferred minimum overall undergraduate GPA of 3.0/4.0.
7. Evidence of completion of an undergraduate statistics course with a grade of C or better.
8. Completion of a minimum of one (1) year of professional nursing practice experience prior to enrollment in the first specialization clinical course.
9. Successful completion of a drug screen and a criminal background check, as specified by the School of Nursing, to be performed after initial acceptance to the program.

Applicants may follow-up with the graduate nursing advisor to check on the status of the application. Program application materials may be uploaded during the application process. Official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Office of Graduate Admissions with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Application Deadline

The priority application deadline is February 1 for summer applicants, June 1 for fall applicants, and November 1 for spring applicants.

Healthcare and Nursing Administration / Healthcare Informatics (MS)

Sample Curriculum (subject to change)

The dual major in healthcare informatics and healthcare nursing administration consists of 57 semester hours.

Retention

Scholarship appropriate for students in a School of Nursing graduate program is demonstrated through satisfactory completion of coursework, defined as obtaining a course grade of "A" or "B." The following retention policy applies specifically to all graduate nursing courses with the NURS prefix for degrees conferred by the School of Nursing:

1. Students who obtain a course grade of "D" or "F" in a graduate nursing specialization are withdrawn from the graduate program without the option of repeating the course.
2. Students may only earn one course grade of "C" and stay enrolled in graduate nursing programs. If a second course grade of "C" is earned, students will no longer be allowed to progress in the graduate nursing program, regardless of the cumulative GPA. Repeating a course in which there is originally a grade of "C" does not eliminate the original course grade of "C" from being applied toward this exclusion policy.
3. Per the SIUE Graduate School policy, all students must have a GPA of 3.0 or higher to graduate.

For more information on the SIUE Graduate School Retention Policies, please refer to the Graduate Handbook.

Year 1 (Fall Semester)

(3) NURS 500 Theoretical Foundations of Nursing
(3) PAPA 561 Biostatistics/Epidemiology
6 - Total Credits

Year 1 (Spring Semester)

(3) NURS 504 Research in Advanced Nursing Practice
(3) NURS 505 Health Policy and Advanced Nursing Practice
6 - Total Credits

Year 1 (Summer Semester)

(3) NURS 510 Healthcare Informatics
3 - Total Credits

Year 2 (Fall Semester)

(3) CMIS 517 Enterprise Resource Planning
(3) NURS 590 Organizational Behavioral and Leadership for Nurse Executives
6 - Total Credits

Year 2 (Spring Semester)

(3) NURS 511 Social, Ethical and Legal Issues in an Informative Age
(3) NURS 593 Management of Human Resources in Healthcare

6 - Total Credits

Year 2 (Summer Semester)

(3) IT 508 Seminar in IT: Instructional Design and Media Selection for Healthcare Informatics
(3) CMIS 515 Database Management Systems
6 - Total Credits

Year 3 (Fall Semester)

(3) CS 490 Information Storage and Retrieval
(3) NURS 592 Healthcare Finance and Budgeting
6 - Total Credits

Year 3 (Spring Semester)

(3) NURS 556 Quality and Safety for Nurse Executives
(3) CS 560 Information Discovery in Electronic Healthcare Records
6 - Total Credits

Year 3 (Summer Semester)

(3) NURS 558 Nurse Executive Leadership I
(3) CMIS 518 Seminar in CMIS: Information Security
(1) HCIM 596a Capstone I
7 - Total Credits

Year 4 (Fall Semester)

(3) NURS 594 Nurse Executive Leadership II
(1) HCIM 596b Capstone II
(1) HCIM 596c Capstone III
5 - Total Credits

Total Hours 57

Healthcare and Nursing Administration / Healthcare Informatics (MS)

Graduation Requirements

Master's Terminal/Capstone Project

Master's students demonstrate synthesis of their course work, practicum experiences and attainment of the master's student outcomes by creating a rigorous, scholarly, evidence-based project that incorporates a broad review of the literature from nursing and related fields, and present the project orally to students and faculty during the final synthesis course for the specialization.

Review the graduation policy for more information.

History (MA)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all academic transcripts
- Minimum 3.0 (A=4.0) GPA
- Successful completion of a bachelor's degree prior to enrollment and preparation in the discipline equivalent to at least an undergraduate minor (18 credit hours in history)
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Two letters of recommendation
- An academic writing sample
- Statement of Purpose: A one-page letter of intent discussing their preparation for graduate study in history, their area(s) of historical interest and their career goals.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Application Deadline

Typically, applicants will be considered for entry only for the fall semester. Admission for the spring term may be arranged for exceptional circumstances. Applicants may petition the graduate program director to make these arrangements.

Preferred application deadlines are February 1 for fall applications and November 1 for spring applications. Incomplete applications will not be considered. The department's graduate program committee will review application materials and make a final determination of admittance normally by the middle of February or November.

Cooperative Doctoral Program

Faculty in the Department of Historical Studies participate with faculty from the Department of History at Southern Illinois University Carbondale in offering a cooperative program leading to the Doctor of Philosophy in history. Prospective students may initiate application procedures at either campus and may enroll in courses at either or both campuses concurrently. The doctoral degree is conferred by Southern Illinois University Carbondale. For more detailed information, students may contact either department directly.

Click here to review the cooperative doctoral program requirements.

History (MA)

Curriculum

Both thesis and non-thesis plans of study are available. Students pursuing either the thesis or the non-thesis plan must complete a minimum of 33 semester hours. All entering students are required to take a two-semester sequence of History 555 (Theory and Methods) and History 556 (Research Seminar). Students may also apply to participate in an internship program that allows them to obtain practical experience in non-teaching career fields related to history. In addition to the 33 semester hours required, all students must demonstrate a reading knowledge of a foreign language (modern or classical) or complete an appropriate research tool course or courses, chosen in consultation with and approved by the Graduate Program Director. This requirement can be completed through the following options:

- passage of an examination showing mastery of translation
- completion of four semesters of college-level study in a single language with an average of C or better (through coursework or completion exam)
- completion of a language in translation course with a grade of B or better
- completion of an appropriate research tool course with a grade of B or better.

Students must earn a grade of "B" or better in each course counting toward their graduate degree, with the exception of foreign languages. Candidates for the Master of Arts in history may pursue one of the two following plans of study:

Thesis Option

Students complete 33 hours of graduate credit, six of which represent the Graduate Core Seminar in History and Theory (HIST 555); three are the Graduate Seminar in Historical Research (HIST 556) and six of which represent a well-conceived thesis on a topic chosen in consultation with a faculty advisory committee. Enrollment in HIST 599 is required. Students will prepare a research plan during the semester or summer immediately preceding their first HIST 599 class. Students will present the research plan to the chair of his or her committee and will then distribute it to the rest of the committee. It is strongly suggested that the entire committee and the student meet together to comment on the plan. Students will not receive an instructor permit to register for HIST 599 until this process is complete.

Exam Option

This plan emphasizes breadth of historical understanding while not ignoring research techniques. Students concentrating in one primary and two complementary secondary areas of emphasis complete 33 hours of graduate credit, which includes completion of the Graduate Core Seminar in History and Theory (HIST 555) (three credit hours) and the Graduate Seminar in Historical Research (HIST 556) (three credit hours). Exam option students also enroll in six credit hours of Readings for Exams (HIST 598).

Suggested areas of emphasis can include:

- Ancient Cultural History
- African Diaspora
- African-American History
- Asian History
- Early Modern Europe
- Gender History
- Intellectual History
- Medieval Europe
- Middle Eastern History
- Modern Europe
- U.S. Economic History
- U.S. since 1877
- U.S. to 1877

The broad fields may be modified in consultation with the student's advisory committee. Before embarking on any area(s) of emphasis, a student should consult the appropriate faculty member(s). All exam option students are required to develop a portfolio of two research papers, written for different faculty while enrolled at SIUE, that reflect their primary, and one of their

secondary fields of interest. All students are required to submit their portfolio to their examination committee a month before the scheduling of their written exams. In order for written examinations to be scheduled, the portfolio must first be approved by the student's committee.

History (MA)

Graduation Requirements

Students who follow a thesis plan of study will be required to pass an oral defense of the thesis and related historical material and submit a final draft to the Graduate School.

Upon completion of the coursework, students pursuing the exam option must pass a written examination, at least three hours long, covering one principal and two secondary fields. They are also required to take an oral examination based on their written exams, portfolio and related historical material. The chairperson of the student's advisory committee will provide guidance to the student regarding the nature of the examination. Such guidance will include a list of readings compiled by the advisory committee, which, in conjunction with the student's coursework, will serve as the basis for the examination.

Exam option students intending to take examinations in the spring semester must declare their intention to take examinations by **September 15** of the preceding fall semester. Students intending to take examinations in the fall semester must declare their intention to do so by **April 1** of the preceding spring semester.

Declaring an intention to take exams requires students to form an exam committee and, in consultation with their committee, establish reading lists for the exams.

Spring semester written exams must be completed by April 1 and an oral examination based on the written exams and the portfolio must be held by April 15.

Fall semester written exams must be completed by November 15 and an oral examination based on the written exams and the portfolio must be held by December 5. Generally, master's-level exams will not be scheduled during the summer term.

Review the graduation policy for more information.

History (MA)

Museum Studies

The Museum Studies Certificate offers current and future museum professionals an opportunity to gain expertise that will aid in their career advancement. The curriculum combines active learning through exhibit development and internships, along with elective courses that focus on interpretation, administration, education, and the acquisition of disciplinary backgrounds. For most students, this program provides education adequate for immediate entry into museum careers. In addition, current museum professionals will acquire new skills to broaden or enhance their expertise.

The program presents students with a foundation in theoretical and applied approaches to the interpretative, legal and ethical, community, and administrative challenges that confront museum employees. This sequence of courses is designed for students who have been admitted to a master's degree or are currently enrolled in a related master's program but who want the additional educational credentials to qualify for a certificate. The program may be completed on a part-time or full-time basis.

The program's curriculum and faculty are interdisciplinary, representing the many, diverse areas of skill and expertise relevant to museum work. Students are encouraged to develop a specialization as they choose their elective courses, while also benefiting from the interdisciplinary nature of the museum studies program.

Admission

Applicants must have an earned BA or BS, have maintained a 3.0 undergraduate GPA, and submit transcripts, two letters of recommendation, and a letter of interest. Applicants to the post-baccalaureate certificate in museum studies must have at least an 18 hour minor in history.

Program application materials may be submitted via email to siueapps@siue.edu or mailed to:

Graduate Admissions, Campus Box 1047
Southern Illinois University Edwardsville
Edwardsville, IL 62026-1047

Program of Study

This program entails the completion of 21 hours of coursework, including the following required and elective classes:

Required Courses (12 hours)

- HIST 580 Foundations of Museum Studies (also cross-listed as ART 580)
- ART 581 Management of Museum Collections
- HIST 582 Practicum in Exhibit and Program Development (also cross-listed as ART 582)
- HIST 590 Internships in Museology, or ART 498 Internship in the Arts, or PAPA 595 Public Administration Internship

Elective courses (9 hours)
At least one at the 500-level, open to all graduate-level offerings. These may include the following:

- ANTH 420 Museum Technology
- ANTH 435 American Material Culture
- ART 413 Digital Arts
- ART 454 Curatorship: Exhibition Management and Design
- HIST 447 Approaches to Oral History
- HIST 470 Preserving the American Past
- IT 450 Using Video for Instruction
- IT 486 Web Design for Instruction
- IT 510 Instructional Systems Design
- IT 530 Managing Instructional Design
- IT 580 Design of Interactive Learning Environments
- IT 582 Development of Interactive Learning Environments
- PAPA 579 Grantsmanship

- PAPA 501 Public Organizations
- PAPA 575 Nonprofit Leadership

Students must earn a grade of "B" or better in each course counting toward their post-baccalaureate certificate.

Exit Requirements

Students must successfully complete the program of study.

Gainful Employment Disclosure

History- Co-op PhD

Admission Requirements

Applicants must meet the admission requirements of the SIUE and SIUC Graduate Schools and must be approved by the SIUE History and SIUC Historical Studies departments.

- Master's degree in history or closely related field
- If applicant has non-history master's, must have at least 18 credit hours of history at the undergraduate level carrying a GPA in history of 3.0 or above.
- Non-native English speakers must demonstrate English proficiency in their application

Application Process

Some application materials must be sent to SIUE while some must be sent to SIUC. Follow the instructions below to ensure your application review is not delayed. Documents under each institution must be received by that institution before applications will be reviewed by that institution.

SIUE Application

Applicants must complete the online application. Preferred application deadlines are February 1 for fall applications and November 1 for spring applications.
The following documents must be uploaded to your online application:

- $40 application fee
- Official bachelor's transcript
- Official master's transcript
- A 15-25 page writing sample demonstrating applicant's competence in historic research and writing
- A personal statement outlining applicant's historical experience, areas of historical interest and goals
- Three letters of recommendation from those who know the applicant's previous historical work the best
- GRE scores (use institution code 1759)

    International Students

- Official TOEFL Score (institution code 1759)

Official transcripts must be sent electronically to siueapps@siue.edu directly from the institution or mailed to:

SIUE Graduate and International Admissions
Historical Studies Co-Op PhD
Campus Box 1047
Edwardsville, IL 62026-1047

SIUC Application
(To be completed once SIUE has indicated admission approval)

- Applicants need to submit an electronic application.
    - Create an account
    - Program selection will be Historical Studies
    - Degree selection will be PhD
        When asked to provide letters of recommendation, enter SIUE as the recommender with the email address of siueapps@siue.edu

        - This will allow SIUE to attach the letters of recommendation already submitted to SIUE to SIUC.
    - International students
        - Financial Statement
            - This document is found at the end of the SIUC application. It must be completed even if you have been promised an assistantship.

- Before you can be admitted, it is necessary for you to indicate that a minimum of U.S. $40,500 will be available to you for each year of your proposed course of study.
    - Be sure to indicate if your studies are totally dependent upon an assistantship or if you have personal funds to fulfill this requirement.
    - If you have personal funds, be sure to submit official documentation of funds and amounts via a recent bank statement.
    - Copy of Passport showing your name, date of birth, and country of citizenship
  - Current SIUC non-refundable application fee in US dollars (credit card only)

Admission Process

The Graduate Committees of both SIUE and SIUC's Departments of Historical Studies will review the applications submitted to their respective universities. Upon joint acceptance by the two departments, applicants will be referred to each university's respective Graduate Schools for final admission. Students will enter SIUE as unclassified graduate students and will enter SIUC as classified graduate students in history.

Admission to the program will be granted by SIUC.

History- Co-op PhD

Candidacy

Admission to candidacy requires successful completion of:

- Qualifying examination and
- 24 hours of course credit (satisfying the residency requirement for the state of Illinois)

The Qualifying Exam Committee will consist of at least four faculty:

- Three examiners, one of which is the student's advisor
- One additional outside reader

At least one of these four faculty members must be from SIUC. It is recommended that these same faculty members also serve on the student's dissertation committee.

Dissertation

A dissertation must be written under the direction of a historical studies faculty member and approved by a dissertation committee of at least five faculty members:

- Three historical studies faculty, including at least one member from both SIUE and SIUC
- Two additional readers who may be from other departments or disciplines within SIUE and SIUC, or may include one person from outside SIUE and SIUC who has expertise in the student's dissertation subject.

It is recommended, but not required, that the committee be composed of the same faculty who served on the student's Qualifying Exam Committee.

Within one semester of passing their qualifying exams, candidates shall prepare a 15-20 page dissertation prospectus in which the candidate provides a narrative of the project to be undertaken, including relevant historiography, statement of project objectives, a plan of research that identifies key archives and collections relevant to the subject, and a bibliography. At least three weeks after the committee's receiving the candidate's prospectus, the candidate will defend the prospectus before the committee.

Upon successful defense of the prospectus, candidates will spend at least one year researching and typically spend at least one year writing their dissertations under the close supervision of their chair. Dissertations must be prepared in accordance with the SIUC Graduate School's "Guidelines for Dissertations, Theses and Research Papers."

Completed dissertations must be defended orally before the committee. At the defense, the committee will evaluate the candidate's dissertation based on its method, place in the relevant historiography, interpretation of evidence, conclusions, and/or other criteria relevant to the candidate's work. The committee will also assess the candidate on oral exposition, research skills, use of primary and secondary sources, style, organization, and clarity.

Upon successful completion of the dissertation and defense, the committee will recommend the candidate for the doctoral degree.

History- Co-op PhD

Curriculum

The doctoral program requires a minimum of 24 semester hours of coursework and 24 hours of dissertation research. The coursework is to be comprised of program requirements and elective course requirements.

Core requirements

- Students will complete six to eight hours in Historiography/Methodology and Historical Research.

Elective Requirements

- Minimum of 16 additional hours of coursework at the 400- or 500-level to provide substantial depth in areas of research and breadth in examination fields. Full-time students typically complete upward of 40 credit hours prior to their exams. The courses and credit hours necessary for a doctoral student to prepare for preliminary examinations will be determined by the student's advisory committee.

Campus Requirements

- At least six credit hours must be taken in non-European and non-United States history
- Students must also demonstrate competency in at least two research tools, at least one must consist of a foreign language.
- No more than 14 credit hours total may be taken as independent study, tutorial, or directed readings courses.
- Students must complete at least eight credit hours of coursework at SIUC

History- Co-op PhD

Graduation Requirements

Graduation

The doctoral degree is conferred by Southern Illinois University Carbondale. Students must apply for graduation and pay application fees by the deadline via SalukiNET.

Industrial Engineering (MS,PhD)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Undergraduate GPA of at least 2.75 (A=4.0) in engineering, mathematics and physical science courses.
- Applicants should have a baccalaureate degree in an engineering discipline from an ABET-accredited program. Applicants who completed a non-ABET-accredited program or whose undergraduate studies were in a country other than the United States must have a baccalaureate degree in an engineering discipline which is comparable to the United States' bachelor's degree equivalent, and must take the Graduate Records Examination (GRE) (verbal, quantitative and analytical portions) to support their application.
- Applicants from selected areas of mathematical and physical science will be considered for admission on an individual basis.
- In cases where the applicant has not completed the prerequisites for core or elective courses, the applicant may be required to complete those courses as "not for graduate credit"
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

In exceptional cases, the graduate admissions committee may consider applicants who meet all of the Graduate School admission standards but who do not meet certain specified program admission requirements. The committee may consider other evidence that indicates high promise of the applicant's success in the program. Such supportive evidence may include high scores on the GRE, professional registration, extensive professional experience, professional publications or satisfactory graduate-level work.

Review the SIUE Admissions Policy for more information.

Industrial Engineering (MS,PhD)

Curriculum

The program offers both thesis and non-thesis options. The thesis option requires 30 credit hours; the non-thesis option requires 33 hours. Of the required 30 credit hours of the thesis option, at least 15 credit hours must be industrial engineering 500-level credit hours, excluding IE 599. At least 21 credit hours must be in Industrial Engineering courses, and up to six hours may be thesis credit. Of the required 33 hours of non-thesis option, at least 18 credit hours must be industrial engineering 500-level credit hours. At least 24 credit hours must be in industrial engineering courses. Students who choose the non-thesis option must complete a research project, which has zero credit hour.

The specific program of study is selected by the student in consultation with and approved by the student's advisor. All students are required to complete the program's core courses: IE 465-Design and Control of Quality Systems, IE 483-Production Planning and Control, IE 515-Engineering Optimization Models, and IE 576-Advanced Computer Integrated Manufacturing Systems. Students having completed these or similar courses as part of a baccalaureate degree may choose other courses in the same core area with the approval of their advisor.

Four courses of emphasis (systems optimization, manufacturing engineering design, enterprise and production control, and quality engineering) are currently being offered by the program. Students will be guided in thesis work by a thesis advisor with the assistance and concurrence of an advisory committee. The thesis topic will be selected from an area in industrial engineering and approved by the student's advisor. Writing a thesis involves an intensive research effort and students are encouraged to initiate their thesis work early in the program, even before registering for any thesis credit. Upon the completion of the student's research, a thesis defense will be conducted. In the non-thesis option, students must complete a research project and the student's advisor may organize a project presentation during the final semester of study.

Industrial Engineering (MS,PhD)

Combined Programs

Accelerated BS and MS in Industrial Engineering

The accelerated BS and MS program allows industrial engineering undergraduate students to select and count approved industrial engineering 400-level courses (no more than nine credit hours) for both the undergraduate and graduate degrees. Industrial engineering undergraduate students with a GPA of 3.0 or above, and no more than 32 credit hours remaining for completion of the bachelor's degree can be admitted. Students in the accelerated program must complete the baccalaureate degree within one academic year of beginning the program. Accelerated program students must meet Graduate School graduation requirements. Please contact Dr. Xin Chen, industrial engineering graduate program director at xchen@siue.edu with any questions.

Early Entry BS and MS in Industrial Engineering

The Department of Industrial Engineering offers undergraduate students the opportunity to begin coursework toward the Master of Science during the senior year of their Bachelor of Science program. An undergraduate student in this program may begin to take graduate-level courses after completing 95 out of 126~128 credit hours required for the BS. In order to join this program, a student must submit a program outline for approval to Graduate Records and Director of the IE graduate program prior to enrollment in any courses to be included as part of the graduate program. Students have two options to obtain an MS: A thesis option with 30 credit hours of graduate-level courses and a non-thesis option with 33 credit hours of graduate-level courses. Please contact Dr. Xin Chen, industrial engineering graduate program director at xchen@siue.edu with any questions.

Industrial Engineering (MS,PhD)

Graduation Requirements

After all other program requirements are satisfied, a final examination on the course work and related material on the thesis or project will be given. In the thesis option, the final examination is an oral examination directed primarily at the material in the thesis. This examination is conducted by the advisory committee. In the non-thesis option, the final examination is an oral examination directed primarily at the material in the project and related research paper.

Review the graduation policy for more information.

Psychology - Industrial-Organizational (MA)

Admission Requirements

- Graduate School application, including program questions, and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Minimum GPA 2.50
- Graduate Record Examination (GRE) scores; verbal, quantitative and writing areas
- Three letters of recommendation
- Goal Statement/Statement of purpose
- Resume/CV

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Completing an undergraduate major or minor in psychology is the desirable and typical undergraduate preparation for a graduate degree in psychology. Qualified applicants from other academic backgrounds may enter the psychology graduate program provided they have completed the prerequisites. In addition to completing at least one course each in introductory psychology, research methods/experimental psychology, statistics, and psychological tests and measurements. Applicants may be accepted provisionally if they are missing one or two prerequisites provided they complete these prerequisites prior to beginning the graduate program.

Review the SIUE Admissions Policy for more information.

Application Deadline

New students are admitted exclusively in the fall semester (which begins in late August). All application materials are due no later than **January 15**. Additionally, the industrial-organizational psychology program has a priority application deadline of **December 1.** Applying by December 1 is optimal because the application deadline for the optional Competitive Graduate Award is the first Friday in December. Preparing your application in November is the best strategy.

Psychology - Industrial-Organizational (MA)

Curriculum

The Industrial-Organizational specialization provides knowledge and skills to analyze and solve problems of motivation, leadership, communication, job satisfaction, productivity, training, and others faced by business and organizations. Training in this specialization leads to possible employment in administration, supervision, organizational development, and personnel positions.

The master of arts degree program requires 42 semester hours of graduate credit to complete the specialization in industrial organizational psychology.

Industrial-Organizational Specialization:

Required courses (27 hours): PSYC 520, 521, 571, 572, 573, 574, 575, 576, 580 plus one course selected from a 400 or higher-level management course approved by your advisor (3 hours)

Required practicum (3 hours): PSYC 525

Electives: 6 hours

Thesis (3 hours): PSYC 599

Psychology - Industrial-Organizational (MA)

Graduation Requirements

Candidates for the master of arts must submit a thesis proposal for approval by a thesis advisory committee, carry out the proposed thesis, submit a written report and complete an oral examination.

Review the graduation policy for more information.

Instructional Technology (MSEd)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary transcripts
- Successful completion of a bachelor's prior to enrollment
- Minimum GPA of 3.0 or above (A=4.0) during undergraduate work. Students with an undergraduate GPA between 2.5 and 2.9 will be admitted with conditions.
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants may arrange for an appeal interview with the Admissions Committee if admission is denied.

Review the SIUE Admissions Policy for more information.

Instructional Technology (MSEd)

Specialized Learning Opportunities

- Classroom Technologies Post-Baccalaureate Certificate
    - Classroom Technologies Post-Baccalaureate Certificate
    - Distance Education Emphasis
    - Educational Technologies Emphasis
    - Emerging Technologies Professional Development Sequence
    - Instructional Design and Performance Improvement Emphasis
    - Instructional Design Professional Development Sequence
    - Online Pedagogy Professional Development Sequence
    - Teaching with Technology Professional Development Sequence
    - Web-Based Learning Post-Baccalaureate Certificate

Classroom Technologies Post-Baccalaureate Certificate

The instructional technology program offers two post-baccalaureate certificates (PBCs):

- Classroom technologies
- Web-based learning

Both certificates are 100% online.   Please note that international students are ineligible to receive a student visa for these programs.

Admission and Retention for the PBCs

The general requirements for admission to the PBCs are the same as for the Graduate School (which include an application fee of $40, submission of official transcripts, and a formal application to the Graduate Admissions Office). Applicants may arrange for an appeal interview with the Admissions Committee if admission is denied. To be retained within a PBC, students must have a 3.0 GPA after nine hours of coursework.

Program of Study

The classroom technologies certificate is a combination of two professional development sequences, one in emerging technologies and the other in teaching with technology. This certificate offers both P-12 school personnel and adult educators opportunities to learn cutting-edge educational software and lesson design approaches that can be integrated into classrooms. Through completing this certificate, students will gain knowledge and skill in successfully integrating computers and other technologies into their classroom.

The classroom technologies certificate program requires the completion of 18 hours of online coursework, which consists of the following required classes:

- IT 481 - Computers in Education: Theories and Practice
- IT 550 - Emerging Technologies in Education
- IT 560 - Leadership in Educational Technology
- IT 561 - Designing Digital Materials
- IT 562 - Social Media for Teachers
- IT 563 - Games and Simulations

Exit Requirements from a PBC

The student must successfully complete the required program of study, with at least a grade of B in each course.

Instructional Technology (MSEd)

Core Curriculum

Students must complete 36 semester hours for the MSEd in Instructional Technology. All students will take the following courses (listed in numerical order, not in program sequencing order):

IT 430 - Computer-Based Publishing and Instruction
IT 486 - Web Design for Instruction
IT 500 - Principles of Instructional Technology
IT 596 - Design Studio I
IT 597 - Design Studio II
IT 598 - Design Studio III

In addition to the above courses, students will complete additional courses depending upon their emphasis within the program. Each emphasis has a curriculum that has been designed to provide students with the knowledge and skills they need for the 21st-century job market. The courses for each emphasis are available through the links below.

- Distance Education
- Educational Technologies
- Instructional Design and Performance Improvement

Instructional Technology (MSEd)

Specialized Learning Opportunities

- Distance Education Emphasis
  - Distance Education Emphasis
  - Educational Technologies Emphasis
  - Instructional Design and Performance Improvement Emphasis
  - Classroom Technologies Post-Baccalaureate Certificate
  - Web-Based Learning Post-Baccalaureate Certificate
  - Emerging Technologies Professional Development Sequence
  - Instructional Design Professional Development Sequence
  - Online Pedagogy Professional Development Sequence
  - Teaching with Technology Professional Development Sequence

Distance Education Emphasis

In addition to completing the MSEd in instructional technology core curriculum, students complete coursework specific to their emphasis.

Distance education focuses on the tools and techniques for designing, producing and facilitating online courses. This emphasis area will be useful to teachers, adult educators, college faculty members and corporate training personnel who are interested in the potential of online classrooms to expand learning opportunities for students and employees. While pursuing the distance education emphasis, you simultaneously can earn the PDS in instructional design, the PDS in online pedagogy and the certificate in web-based learning.

- IT 505 - Needs Assessment and Program Evaluation in Instructional Technology
- IT 510 - Instructional Systems Design
- IT 567 - Online Teaching Tools
- IT 568 - Design and Development of Online Lessons, Modules, and Courses
- IT 569 - Facilitating Online Classrooms
- One Educational Psychology Course chosen from the following:
  - EPFR 514 - College Student Learning and Development
  - EPFR 515 - Issues in Learning Theory
- One Analysis of Educational Issues Course chosen from the following:
  - EPFR 451 - Gender and Education
  - EPFR 520 - Philosophical-Historical Foundations
  - EPFR 521 - Socio-Cultural Foundations
  - EPFR 522 - Diversity in Higher Education

Instructional Technology (MSEd)

Specialized Learning Opportunities

- Educational Technologies Emphasis
  - Distance Education Emphasis
  - Educational Technologies Emphasis
  - Instructional Design and Performance Improvement Emphasis
  - Classroom Technologies Post-Baccalaureate Certificate
  - Web-Based Learning Post-Baccalaureate Certificate
  - Emerging Technologies Professional Development Sequence
  - Instructional Design Professional Development Sequence
  - Online Pedagogy Professional Development Sequence
  - Teaching with Technology Professional Development Sequence

Educational Technologies Emphasis

In addition to completing the MSEd in instructional technology core curriculum, students complete coursework specific to their emphasis.

Educational technologies enables teachers and other school personnel to plan, implement and evaluate technology-based instruction and learning activities in P-12 settings. This emphasis places a particular focus on the emerging technologies that can give classroom teachers an advantage in promoting learning. As you complete this emphasis area, you simultaneously can earn the professional development sequence (PDS) in emerging technologies.

- IT 481 - Computers in Education: Theories and Practice
- IT 550 - Emerging Technologies in Education
- IT 560 - Leadership in Educational Technology
- One Distance Education Course chosen from the following:
  - IT 540 - Distance Education
  - IT 567 - Online Teaching Tools
  - IT 568 - Design and Development of Online Lessons, Modules, and Courses
  - IT 569 - Facilitating Online Classrooms
- One Educational Research Course chosen from the following:
  - EPFR 501 - Research Methods
  - EPFR 502 - Qualitative Inquiry in Education
  - EPFR 503 - Research Methods in Higher Education
  - IT 505 - Needs Assessment and Program Evaluation in Instructional Technology
- One Educational Psychology Course chosen from the following:
  - EPFR 514 - College Student Learning and Development
  - EPFR 515 - Issues in Learning Theory
- One Analysis of Educational Issues Course chosen from the following:
  - EPFR 451 - Gender and Education
  - EPFR 520 - Philosophical-Historical Foundations
  - EPFR 521 - Socio-Cultural Foundations
  - EPFR 522 - Diversity in Higher Education

Instructional Technology (MSEd)

Specialized Learning Opportunities

- Emerging Technologies Professional Development Sequence
  - Distance Education Emphasis
  - Educational Technologies Emphasis
  - Instructional Design and Performance Improvement Emphasis
  - Classroom Technologies Post-Baccalaureate Certificate
  - Web-Based Learning Post-Baccalaureate Certificate
  - Emerging Technologies Professional Development Sequence
  - Instructional Design Professional Development Sequence
  - Online Pedagogy Professional Development Sequence
  - Teaching with Technology Professional Development Sequence

Emerging Technologies Professional Development Sequence

The instructional technology program offers four professional development sequences (PDSs). Each is 100% online. The four PDS programs are:

- Emerging Technologies
- Instructional Design
- Online Pedagogy
- Teaching with Technology

Admission and Retention for PDSs

The general requirements for admission and retention are the same as the Graduate School (which include an application fee of $40, submission of official transcripts and a formal application to the Graduate Admissions Office). Applicants may arrange for an appeal interview with the Admissions Committee if admission is denied.

Program of Study

The emerging technologies PDS provides educators with fundamental grounding in designing lesson plans that integrate computers and other cutting edge technologies into classrooms. This sequence includes the following three courses:

- IT 481 - Computers in Education: Theories and Practice
- IT 550 - Emerging Technologies in Education
- IT 560 - Leadership in Educational Technology

Exit Requirements from a PDS

The student must successfully complete the program of study, with at least a grade of B in each course.

Instructional Technology (MSEd)

Graduation Requirements

Students in the MSEd must successfully pass all required coursework, participate in the process of successfully developing and submitting a juried portfolio, and present elements of their coursework and/or portfolio to faculty and students.

Review the graduation policy for more information.

Instructional Technology (MSEd)

Specialized Learning Opportunities

- Instructional Design and Performance Improvement Emphasis
  - Distance Education Emphasis
  - Educational Technologies Emphasis
  - Instructional Design and Performance Improvement Emphasis
  - Classroom Technologies Post-Baccalaureate Certificate
  - Web-Based Learning Post-Baccalaureate Certificate
  - Emerging Technologies Professional Development Sequence
  - Instructional Design Professional Development Sequence
  - Online Pedagogy Professional Development Sequence
  - Teaching with Technology Professional Development Sequence

Instructional Design and Performance Improvement Emphasis

In addition to completing the MSEd in instructional technology core curriculum, students complete coursework specific to their emphasis.

Instructional design and performance improvement focuses on skills necessary for careers in corporations, institutions of higher education, healthcare organizations and nonprofits. Students who graduate from this emphasis become multimedia learning technologists, curriculum writers, instructional designers, performance improvement specialists and learning consultants. In this emphasis, you will learn how to identify gaps in human performance and improve people's knowledge and skills in ways that close the gap. Graduates from this emphasis have been hired by Elsevier Publishing Company, Federal Reserve Bank, Anheuser-Busch InBev, The Boeing Co., and a variety of other regional, national and international organizations.

- IT 505 - Needs Assessment and Program Evaluation in Instructional Technology
- IT 510 - Instructional Systems Design
- IT 520 - Performance Technology
- IT 530 - Managing Instructional Development
- One Distance Education Course chosen from the following:
  - IT 540 - Distance Education
  - IT 567 - Online Teaching Tools
  - IT 568 - Design and Development of Online Lessons, Modules, and Courses
  - IT 569 - Facilitating Online Classrooms
- One Educational Psychology Course chosen from the following:
  - EPFR 514 - College Student Learning and Development
  - EPFR 515 - Issues in Learning Theory
- One Analysis of Educational Issues Course chosen from the following:
  - EPFR 451 - Gender and Education
  - EPFR 520 - Philosophical-Historical Foundations
  - EPFR 521 - Socio-Cultural Foundations
  - EPFR 522 - Diversity in Higher Education

Instructional Technology (MSEd)

Specialized Learning Opportunities

- Instructional Design and Performance Improvement Emphasis
    - Distance Education Emphasis
    - Educational Technologies Emphasis
    - Instructional Design and Performance Improvement Emphasis
    - Classroom Technologies Post-Baccalaureate Certificate
    - Web-Based Learning Post-Baccalaureate Certificate
    - Emerging Technologies Professional Development Sequence
    - Instructional Design Professional Development Sequence
    - Online Pedagogy Professional Development Sequence
    - Teaching with Technology Professional Development Sequence

Instructional Design Professional Development Sequence

The instructional technology program offers four professional development sequences (PDSs). Each is 100% online. The four PDSs are:

- Emerging Technologies
- Instructional Design
- Online Pedagogy
- Teaching with Technology

Admission and Retention for PDSs

The general requirements for admission and retention are the same as the Graduate School (which include an application fee of $40, submission of official transcripts and a formal application to the Graduate Admissions Office). Applicants may arrange for an appeal interview with the Admissions Committee if admission is denied.

Program of Study

The instructional design PDS provides organizational training personnel with a foundation in the practice of instructional design. This sequence includes the following three courses:

- IT 486 - Web Design for Instruction
- IT 505 - Needs Assessment and Program Evaluation in Instructional Technology
- IT 510 - Instructional Systems Design

Exit Requirements from a PDS

The student must successfully complete the program of study, with at least a grade of B in each course.

Instructional Technology (MSEd)

Specialized Learning Opportunities

- Online Pedagogy Professional Development Sequence
  - Distance Education Emphasis
  - Educational Technologies Emphasis
  - Instructional Design and Performance Improvement Emphasis
  - Classroom Technologies Post-Baccalaureate Certificate
  - Web-Based Learning Post-Baccalaureate Certificate
  - Emerging Technologies Professional Development Sequence
  - Instructional Design Professional Development Sequence
  - Online Pedagogy Professional Development Sequence
  - Teaching with Technology Professional Development Sequence

Online Pedagogy Professional Development Sequence

The instructional technology program offers four professional development sequences (PDSs). Each is 100% online. The four PDSs are:

- Emerging Technologies
- Instructional Design
- Online Pedagogy
- Teaching with Technology

Admission and Retention for PDSs

The general requirements for admission and retention are the same as the Graduate School (which include an application fee of $40, submission of official transcripts, and a formal application to the Graduate Admissions Office). Applicants may arrange for an appeal interview with the Admissions Committee if admission is denied.

Program of Study

The online pedagogy PDS provides educators, corporate training personnel, and college instructors with skills necessary for designing and teaching within the online classroom. Specifically, the curriculum for this PDS includes a consideration of commonly-used online learning tools. The curriculum will train students in processes for creating, managing, facilitating and evaluating online courses. The sequence includes the following three courses:

- IT 567 - Online Teaching Tools
- IT 568 - Design and Development of Online Lessons, Modules, and Courses
- IT 569 - Facilitating Online Classrooms

Exit Requirements for a PDS

The student must successfully complete the program of study, with at least a grade of B in each course.

Instructional Technology (MSEd)

Specialized Learning Opportunities

- Teaching with Technology Professional Development Sequence
  - Distance Education Emphasis
  - Educational Technologies Emphasis
  - Instructional Design and Performance Improvement Emphasis
  - Classroom Technologies Post-Baccalaureate Certificate
  - Web-Based Learning Post-Baccalaureate Certificate
  - Emerging Technologies Professional Development Sequence
  - Instructional Design Professional Development Sequence
  - Online Pedagogy Professional Development Sequence
  - Teaching with Technology Professional Development Sequence

Teaching with Technology Professional Development Sequence

The instructional technology program offers four professional development sequences (PDSs). Each is 100% online. The four PDSs are:

- Emerging Technologies
- Instructional Design
- Online Pedagogy
- Teaching with Technology

Admission and Retention for PDSs

The general requirements for admission and retention are the same as the Graduate School (which include an application fee of $40, submission of official transcripts, and a formal application to the Graduate Admissions Office). Applicants may arrange for an appeal interview with the Admissions Committee if admission is denied.

Program of Study

The teaching with technology PDS offers educators an opportunity to gain hands-on skills in utilizing technology efficiently and effectively in the classroom to enhance student learning. The sequence includes the following three courses:

- IT 561 - Designing Digital Materials
- IT 562 - Social Media for Teachers
- IT 563 - Games and Simulations

Exit Requirements from a PDS

The student must successfully complete the program of study, with at least a grade of B in each course.

Instructional Technology (MSEd)

Specialized Learning Opportunities

- Web-Based Learning Post-Baccalaureate Certificate
  - Distance Education Emphasis
  - Educational Technologies Emphasis
  - Instructional Design and Performance Improvement Emphasis
  - Classroom Technologies Post-Baccalaureate Certificate
  - Web-Based Learning Post-Baccalaureate Certificate
  - Emerging Technologies Professional Development Sequence
  - Instructional Design Professional Development Sequence
  - Online Pedagogy Professional Development Sequence
  - Teaching with Technology Professional Development Sequence

Web-Based Learning Post-Baccalaureate Certificate

The instructional technology program offers two post-baccalaureate certificates (PBCs):

- Classroom Technologies
- Web-based learning.

Both certificates are 100% online.   Please note that international students are ineligible to receive a student visa for these programs.

Admission and Retention for the PBCs

The general requirements for admission for the PBCs are the same as for the Graduate School (which include an application fee of $40, submission of official transcripts and a formal application to the Graduate Admissions Office). Applicants may arrange for an appeal interview with the Admissions Committee if admission is denied. To be retained within a PBC, students must have a 3.0 GPA after 9 hours of coursework.

Program of Study

The web-based learning certificate is a combination of two professional development sequences, one in instructional design and the other in online pedagogy. This certificate offers current and future instructional design professionals in business and industry an opportunity to gain expertise in the area of designing and developing online learning environments within corporations, nonprofit organizations, healthcare, higher education and K-12 education. The curriculum combines a study of instructional systems design with online multimedia technologies. Through completing this certificate, most students will have advanced knowledge and skills necessary for designing and developing online courses and interactive learning environments.

The web-based learning certificate program requires the completion of 18 hours of online coursework, which consists of the following required classes:

- IT 486 - Web Design for Instruction
- IT 505 - Needs Assessment and Program Evaluation in Instructional Technology
- IT 510 - Instructional Systems Design
- IT 567 - Online Teaching Tools
- IT 568 - Design and Development of Online Lessons, Modules, and Courses
- IT 569 - Facilitating Online Classrooms

Exit Requirements from a PBC

The student must successfully complete the required program of study, with at least a grade of B in each course.

Integrative Studies (MA,MS)

Integrative Studies - Cultural Heritage and Resources Management (MA,MS)

Cultural heritage includes intangible resources (ceremonies, oral history and customs) and tangible resources (architecture, artifacts and landscapes) inherited from past generations. The program includes coursework in ethical and legal issues with management of these resources, as well as practical skills, such as mapping and GIS, methods of survey and excavation, document and map analysis, artifact and art duration. Students take courses in two of the participating departments: Anthropology, geography and historical studies.

A museum studies certificate may be completed concurrently with this program.

Format

Weekday courses on campus with some evening, hybrid and online options. Check the latest course offerings.

Career Outlook

The cultural heritage and resources management program prepares students for careers in applied fields relating to identification, research, preservation of, and education about cultural heritage and resources. Careers relating to cultural heritage and resources include work in contract archaeology; trade and commerce; tourism, with museums, galleries, libraries, science centers, parks and national monuments; education institutions; community organizations; public and government agencies, as well as private firms.

Curriculum

Students will plan their program coursework with their graduate mentor based on their educational background and career goals. Students may choose to focus on coursework relating to:

- Archaeology and cultural resources management
- Museology and ethnographic heritage

Students will typically take courses in two of the participating departments, according to the master's in integrative studies program requirements:

- 30 credit hours of graduate-level electives, which must be split equally between the two departments (e.g., 15 hours and 15 hours) or 40:60 (e.g., 12 hours and 18 hours).
- At least half of the 30 credit hours of coursework must be at the 500-level.
- No more than three credit hours of the 30 credit hours of coursework can be independent study.
- Of the minimum required credits, students may take up to three credits of electives from other departments, as determined in consultation with the graduate mentor. Courses in art history, statistics, or other fields may be appropriate.
- A third department may be incorporated into the program with an additional nine credits of coursework from that department.
- All students will complete seven credit hours of integrative studies thesis or non-thesis capstone work.

Anthropology Courses

(3) ANTH 404 Anthropology and the Arts
(3) ANTH 405 Alternative Tourisms
(3) ANTH 420 Museum Anthropology
(3) ANTH 430 Zooarchaeology
(3) ANTH 432 Prehistory of Illinois
(3) ANTH 435 American Material Culture
(3) ANTH 469 Forensic Anthropology

(3-6) ANTH 473 Ethnographic Field School
(3-6) ANTH 474 Biological Anthropology Field School
(3-6) ANTH 475 Archaeological Field School
(3) ANTH 476 Cultural Resource Management
(1-9) ANTH 570 Special Topics in Cultural Heritage and Resources Management
(3 or 6) ANTH 575 Archaeology Field Directorship: Mitigation
(3 or 6) ANTH 576 Archaeology Field Directorship: Survey
(3-6) ANTH 586 Individualized Study in Anthropology
(1-9) ANTH 589 Archaeology Internship
(3-6) ANTH 590 Museum Internship

Geography Courses

(3) GEOG 402 Cultural Landscape
(3) GEOG 410 Soils
(3) GEOG 411 Hydrology
(3) GEOG 412 Groundwater Hydrology
(3) GEOG 418 Geographic Information Systems (GIS)
(3) GEOG 421 Digital Elevation Modeling
(3) GEOG 422 Remote Sensing and Digital Image Processing
(3) GEOG 423 Computer Mapping
(3) GEOG 424 Vector-Based GIS
(3) GEOG 425 Raster-Based GIS
(3) GEOG 452 Topics in Physical Geography
(3) GEOG 454 Topics in Geographic Techniques
(3) GEOG 500 Seminar in Cultural Geography
(3) GEOG 510 Seminar in Physical Geography
(3) GEOG 520 Research Methods in Geography
(3) GEOG 522 Techniques in Geography
(3) GEOG 525 Seminar in GIS
(1-6) GEOG 590 Independent Study

Historical Studies Courses

(3) HIST 447 Approaches to Oral History
(3) HIST 470 Preserving the American Past
(1) HIST 555 History Colloquium
(1) HIST 556 History Colloquium
(3) HIST 580 Museum Studies
(3) HIST 581 Management of Museum Collections
(3) HIST 582 Practicum in Exhibit and Program Development
(3) HIST 590 Internship in Museology

Integrative Studies Capstone Project

(1) INTG 500 Proposal Development
(6) INTG 599 Thesis or (6) INTG 593 Final Project

Admission Requirements

- Graduate School application and $40 fee
- Official copies of all postsecondary transcripts
- A completed baccalaureate degree in anthropology, geography, history or a related field. Applicants may be required to take prerequisites or resolve any deficiencies before classified status is approved.
- Minimum GPA 3.0
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Other requirements:
  - All applicants must provide evidence (previous related course work or professional experience, research papers

and projects, or honors and awards) to show they can participate successfully in the program.
- A statement of intent providing evidence of the applicant's preparation and experience leading to the undertaking of this program, and describing the applicant's academic and career goals, highlighting how this program will serve those goals.
- Three letters of recommendation, ideally from academic or professional references.
- A writing sample, between four and 15 pages in length, which may be a paper for a course or other written work prepared by the applicant.
- A faculty member from anthropology, geography, or historical studies who has agreed in writing to serve as a graduate mentor must be identified by the applicant in order to be considered for acceptance into the program. Applicants are encouraged to contact prospective graduate mentors by the time their application materials are submitted. Upon admission to the program, the student shall consult with his/her mentor to review the student's academic record, and develop a plan of coursework.
- An optional teaching/research assistantship application is required for those wishing to be considered for a teaching or research assistantship and can be obtained from the Graduate School.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants must also meet any additional admissions requirements stipulated by the participating departments, which may include but are not limited to holding a specific undergraduate degree, one or more prerequisite courses, or a standardized test score, such as the GRE.

Applicants with a baccalaureate and/or graduate-level GPA between 2.5 and 3.0 may be considered if all the following conditions are met.

- The baccalaureate degree and/or graduate-level work was earned more than four years prior to the application submission.
- The applicant provides a written explanation of her/his performance in the baccalaureate degree.
- The applicant provides a written explanation of why he/she will be successful in the integrative studies program.

Review the SIUE Admissions Policy for more information.

Application Deadline

Admission deadline is February 1 of the preceding spring semester. Additional applications will be considered after these dates on a space-available basis.

Integrative Studies (MA,MS)

Integrative Studies - Engineering Management (MS)

The integrative studies in engineering management graduate program is intended for professionals with engineering, engineering technology or science backgrounds who are seeking advanced study for career enhancement. Through a combination of coursework from the Schools of Business and Engineering, you will gain knowledge and develop skills for managing technical people and projects in industry, business, government and other technology-based environments. With rapid changes in the global technology markets, it is imperative for managers to be equipped with management skills that will allow them to overcome organizational challenges and effectively handle personnel, resources and customers.

Career Outlook

With a Master of Science in integrative studies with a focus in engineering management, students will gain the knowledge to plan, direct and coordinate activities for architectural or engineering companies. Engineering managers are a critical component to engineering activities, as they are charged with overseeing, managing and reviewing an engineering or architectural project from start to completion. According to the Bureau of Labor Statistics, growth in this area is projected to be two percent by 2024, and the median pay range in this profession is currently $132,800 annually.

Curriculum

Students will take courses in the Schools of Business and Engineering, according to the master's in integrative studies program requirements:

- 30 credit hours of graduate-level courses, 12 credit hours of which are from the School of Business and 18 credit hours from the School of Engineering.
- At least half of the 30 credit hours of coursework must be at the 500-level.
- No more than three credit hours of the 30 credit hours of coursework can be independent study.
- All students will complete seven credit hours of integrative studies thesis or non-thesis capstone work.

Required Courses

School of Business

Four courses from the following:

- (3) MBA 522 Decision Making in Organizations
- (3) MBA 523 Negotiation and Interpersonal Skills for Managers
- (3) ACCT 524 Accounting for MBAs
- (3) MKTG 525 Marketing Analysis and Applications for Managerial Decision Making
- (3) CMIS 526 Information Systems and Technology
- (3) FIN 527 Corporate Finance
- (3) MGMT 570 Seminar in Human Resource Management
- 12 - Total Credits

School of Engineering

At most two courses from the following:

- (3) #CNST 464 Project Controls
- (3) IE 430 Managing Engineering and Technology
- (3) IE 445 Foundations of Financial Engineering
- (3) IE 467 Total Quality and Taguchi Methods
- (3) IE 468 Simulation
- (3) IE 488 Lean Production Systems

- (3) IE 492 Special Topics in Industrial and Manufacturing Engineering: Supply Chain Analytics
- (3) *IE 492 Special Topics in Industrial and Manufacturing Engineering: Project Engineering
- (3) IE 492 Special Topics in Industrial and Manufacturing Engineering: Six Sigma Quality and Process Improvement
- 6 - Total Credits

At least four courses from the following:

- (4) *#CNST 501 Project Management
- (3) #CNST 525 Risk Management of Construction
- (3) #^CNST 550 Independent Study in Construction
- (3) IE 515 Engineering Optimization Models
- (3) IE 527 Intelligent Engineering Systems
- (3) *IE 531 Engineering Project Management
- (3) IE 557 Value Engineering
- (3) IE 528 Data Analytics and Mining
- (3) IE 583 Supply Chain Logistics Systems
- (3) IE 592 Topics in Industrial Engineering: Product Development and 3D Printing
- 12-13 - Total Credits

*Only one of CNST 501 or IE 492 or IE 531 can count for credit
#At most three (3) CNST courses can be taken and at most two (2) CNST 500-level courses can be taken
^At most three (3) hours of CNST 550 can be taken for credit

Integrative Studies Capstone Project

(1) INTG 500 Proposal Development
(6) INTG 599 Thesis or (6) INTG 593 Final Project
7 - Total Credits

Admission Requirements

- Graduate School application and $40 fee
- Official copies of all postsecondary transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Minimum GPA 3.0
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- A letter of intent clearly articulating the desired focus areas, the applicant's academic/career goals, how their academic background prepares them to undertake the program successfully, and how the program serves their goals must be submitted with the application.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants must also meet any additional admissions requirements stipulated by the participating departments, which may include but are not limited to holding a specific undergraduate degree, one or more prerequisite courses, or a standardized test score, such as the GRE.

Applicants with a baccalaureate and/or graduate-level GPA between 2.5 and 3.0 may be considered if all the following conditions are met.

- The baccalaureate degree and/or graduate-level work was earned more than four years prior to the application submission.
- The applicant provides a written explanation of her/his performance in the baccalaureate degree.
- The applicant provides a written explanation of why he/she will be successful in the integrative studies pogram.

Review the SIUE Admissions Policy for more information.

Faculty

Janice Joplin, PhD
School of Business

Xin Chen, PhD
Department of Mechanical and Industrial Engineering

Integrative Studies (MA,MS)

Integrative Studies - GIS Development and Database Administration (MS)

In order to function effectively, every organization needs to make sure its database is always secure, available and performing at maximum capacity. A database administrator is a central figure in securing, maintaining and fine-tuning databases. A Geographic Information Systems (GIS) database stores geospatial information consisting of a combination of maps, 3D images, and space or time coordinates, among others. A database administrator who is trained to handle the complexities of large volumes of GIS data will be a sought after asset to any organization.

Career Outlook

With an Master of Science in integrative studies with a focus in GIS development and database administration, students will be equipped to handle the challenging demands of working with geospatial databases. According to the Bureau of Labor statistics, employment of database administrators is projected to grow 11 % through 2024, and the current median annual pay for this profession is $84,950.

Curriculum

Students will take courses in the Departments of Geography and Computer Management and Information Systems, according to the master's in integrative studies requirements:

- 30 credit hours of graduate-level courses, 15 credit hours of which are from the Department of Geography and 15 credit hours from the Department of Computer Management and Information Systems.
- At least half of the 30 credit hours of coursework must be at the 500-level.
- No more than three credit hours of the 30 credit hours of coursework can be independent study.
- All students will complete seven credit hours of integrative studies thesis or non-thesis capstone work.

Required Courses

Geography

(3) GEOG 424 Vector Based Geographic Information Systems (GIS)
(3) GEOG 425 Raster Based Geographic Information Systems (GIS)
(3) GEOG 432 Python Scripting in GIS

Two courses from the following:

- (3) GEOG 423 Computer Mapping
- (3) GEOG 431 Web-based Online Mapping
- *^(3) GEOG 454 Topics in Geographic Techniques
- *(3) GEOG 525 Seminar in Geographic Information Systems
- (3) GEOG 573 GIS Modeling for the Natural Environment

*Different topics may be taken under this course number
^Must be a GIS-related topic

Computer Management & Information Systems

(3) CMIS 563 SQL-PL/SQL
(3) CMIS 564 Database Design
(3) CMIS 566 Introduction to Business Analytics Intelligence and Analytics

Two courses from the following:

- (3) CMIS 422 Information Security

- (3) CMIS 567 Business Analytics Capstone
- (3) CMIS 570 Software Systems Design
- (3) CMIS 540 Project Management Fundamentals and Best Practices
- (3) CMIS 548 Program and Project Portfolio Management

Capstone Requirements

(1) INTG 500 Proposal Development
(6) INTG 599 Thesis or (6) INTG 593 Final Project

Admission Requirements

- Graduate School application and $40 fee
- Official copies of all postsecondary transcripts
- Successful completion of a bachelor's degree prior to enrollment. Applicants may be required to take prerequisites or resolve any deficiencies before classified status is approved.
- Completion of GEOG 418 Geographic Information Systems
- College-level programming course or programming work experience
- College-level statistics course or comparable work experience
- Minimum GPA 3.0
- GMAT or GRE (waived if applicant graduated from an AACSB accredited School of Business with a GPA of 3.5 or higher)
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- A letter of intent clearly articulating the desired focus areas, the applicant's academic/career goals, how his/her academic background prepares him/her to undertake the program successfully, and how the program serves his/her goals must be submitted with the application.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants with a baccalaureate and/or graduate-level GPA between 2.5 and 3.0 may be considered if all the following conditions are met.

- The baccalaureate degree and/or graduate-level work was earned more than four years prior to the application submission.
- The applicant provides a written explanation of their performance in the baccalaureate degree.
- The applicant provides a written explanation of why they will be successful in the integrative studies program.

Review the SIUE Admissions Policy for more information.

Integrative Studies (MA,MS)

Graduation Requirements

Students must conduct an oral defense of the thesis or project with an advisory committee consisting of a minimum of three graduate faculty. Each participating department must be represented. Students must complete a minimum of 37 graduate credit hours.

Review the graduation policy for more information.

Integrative Studies (MA,MS)

Integrative Studies - Marketing Communications (MS)

The messages and the media that businesses deploy to communicate with their target market can make or break their marketing efforts. In designing schemes for marketing products, a primary objective is to create and sustain demand and preference for the product. With the proliferation of traditional, as well as social media platforms, it is important for a company to strategically choose communication tools that will position the product or the company in the minds of the target customer.

Career Outlook

An Master of Science in integrative studies with a focus in marketing communications will equip students with knowledge, strategies and tools for building an effective marketing campaign across a spectrum of communication media. Career opportunities abound for marketing communications professionals in fields such as public relations, social media, digital advertising, and corporate communications, among others.

Curriculum

Students will take courses in the Departments of Mass Communication and Management and Marketing, according to the master's in integrative studies requirements:

- 30 credit hours of graduate-level courses, 18 credit hours of which are from the Department of Mass Communication and 12 credit hours from the Department of Management and Marketing.
- At least half of the 30 credit hours of coursework must be at the 500-level.
- No more than three credit hours of the 30 credit hours of coursework can be independent study.
- All students will complete seven credit hours of integrative studies thesis or non-thesis capstone work.

Required Courses

Management and Marketing

(3) MKTG 525 Marketing Analysis and Applications for Managerial Decision Making
(3) MKTG 530 Marketing Planning and Strategy
(3) MKTG 534 Advertising Research

One of the following:

- (3) MKTG 466 Marketing on the Internet
- (3) MKTG 470 Sport Marketing
- (3) MKTG 471 Advertising Policy and Management
- (3) MKTG 472 Sales Policy and Management
- (3) MKTG 474 Retail Policy and Management
- (3) MKTG 475 Consumer Behavior
- (3) MKTG 476 International Marketing
- (3) MKTG 542 Promotion Management
- (3) MKTG 544 Marketing Research for Decision Making

Mass Communications

(3) MC 500 Mass Communications Theory
(3) MC 501 Research Methods for Mass Communications
(3) MC 502 Media Campaigns

Three of the following:

- (3) MC 402 Media Management
- (3) MC 422 Writing for the Corporate and Institutional Market
- (3) MC 440 Visual Media Analysis
- (3) MC 441 Advanced Writing and Designing for Digital Media
- (3) MC 471 Special Topics in Mass Media
- Other courses approved by the Department of Mass Communications

Capstone Requirements

(1) INTG 500 Proposal Development
(6) INTG 599 Thesis or (6) INTG 593 Final Project

Admission Requirements

- Graduate School application and $40 fee
- Official copies of all postsecondary transcripts
- Successful completion of a bachelor's degree prior to enrollment. Applicants may be required to take prerequisites or resolve any deficiencies before classified status is approved.
- Minimum GPA 3.0
- Detailed curriculum vitae (CV)
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- A letter of intent clearly articulating the desired focus areas, the applicant's academic/career goals, how his/her academic background prepares him/her to undertake the program successfully, and how the program serves his/her goals must be submitted with the application.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants with a baccalaureate and/or graduate-level GPA between 2.5 and 3.0 may be considered if all the following conditions are met:

- The baccalaureate degree and/or graduate-level work was earned more than four years prior to the application submission.
- The applicant provides a written explanation of their performance in the baccalaureate degree.
- The applicant provides a written explanation of why they will be successful in the integrative studies program.

Review the SIUE Admissions Policy for more information.

Integrative Studies (MA,MS)

Integrative Studies - Media Management (MS)

The media management program provides the necessary foundation of management and leadership principles for professionals who are already in, or are aspiring to work in, the media industry. With the ever-changing landscape in the media business, it is important to have astute managers who are ready to meet the demands of the market.

Career Outlook

Graduates of this program can have a career in publishing or work as a public relations director or producer. The job outlook will depend on the aspect of media that is involved. With advances in internet media, continued growth in publishing is expected.

Curriculum

Students will take courses in the Department of Mass Communications and the School of Business, according to the master's in integrative studies program requirements:

- 30 credit hours of graduate-level courses, 18 credit hours of which are from the Department of Mass Communications and 12 credit hours from the School of Business.
- At least half of the 30 credit hours of coursework must be at the 500-level.
- No more than three credit hours of the 30 credit hours of coursework can be independent study.
- All students will complete seven credit hours of integrative studies thesis or non-thesis capstone work.

Required Courses

Mass Communications

- (3) MC 500 Mass Communication Theory
- (3) MC 501 Research Methods for Mass Communications
- (3) MC 502 Media Campaigns
- (3) MC 401 Media Law & Policy
- (3) MC 402 Media Management
- (3) MC 471 Special Topics in Mass Media
- 18 - Total Credits

School of Business

- (3) MBA 521 Quantitative Analysis
- (3) ACCT 524 Accounting for MBAs
- (3) MKTG 525 Marketing Analysis and Applications for Managerial Decision Making
- (3) MGMT 475 Entrepreneurship and Small Business Management
- 12 - Total Credits

Integrative Studies Capstone Project

(1) INTG 500 Proposal Development
(6) INTG 599 Thesis or (6) INTG 593 Final Project
7 - Total Credits

Admission Requirements

- Graduate School application and $40 fee
- Official copies of all postsecondary transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Minimum GPA 3.0
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- A letter of intent clearly articulating the desired focus areas, the applicant's academic/career goals, how their academic background prepares them to undertake the program successfully, and how the program serves their goals must be submitted with the application.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants must also meet any additional admissions requirements stipulated by the participating departments, which may include but are not limited to holding a specific undergraduate degree, one or more prerequisite courses, or a standardized test score, such as the GRE.

Applicants with a baccalaureate and/or graduate-level GPA between 2.5 and 3.0 may be considered if all the following conditions are met.

- The baccalaureate degree and/or graduate-level work was earned more than four years prior to the application submission.
- The applicant provides a written explanation of her/his performance in the baccalaureate degree.
- The applicant provides a written explanation of why they will be successful in the integrative studies program.

Review the SIUE Admissions Policy for more information.

Faculty

Janice Joplin, PhD
School of Business

Suman Mishra, PhD
Department of Mass Communications

Integrative Studies (MA,MS)

Integrative Studies - Organizational Design Thinking (MS)

The integrative studies in organizational design thinking graduate program combines courses in applied communication studies with courses from instructional technology. Through this course work, you will learn to apply design thinking methodology at the nexus of communication, technology, and organizational training.

Your coursework will teach you how to effectively redefine organizational problems, ideate to envision possibilities, facilitate processes to bring those ideations to fruition, and test your solutions to ensure meaningful results. And, what's more, you will learn to do all of these within a design process that helps you create a culture of empathy among all stakeholders.

Format

Combination of evening courses and online learning

What is Organizational Design Thinking?

Design thinking is an innovative methodology for creatively uncovering and solving problems. This problem-solving methodology can be applied in many ways and across multiple settings. Design thinking can be used to improve processes, develop organizational structures, and create new products and services.

The heart of a design thinking methodology is developing user-centered empathy through systematic activities. Thus, design thinking is not about linearly applying algorithms. Rather, it's about developing sensitivities to a problem's context and considering the strengths and weaknesses of various technological and communicative solutions. Design thinking is partially an art, partially a science, and fully a human-centered activity that depends upon a theoretically-informed practice to best ensure reliable decisions in real-world situations.

Career Outlook

Those who have a credential in organizational design thinking can pave numerous paths. Principles of design thinking can be useful in a wide variety of organizations, including educational institutions, for-profit businesses, and non-profit organizations. The career outlook is not limited to becoming a technician who serves an organization. Rather, the integrative studies in organizational design thinking program prepares you to be an innovative leader, manager or entrepreneur.

Curriculum

Students will take courses in both departments, according to the master's in integrative studies program requirements:

- 30 credit hours of graduate-level electives which must be split equally between the two departments, specifically, 15 hours of instructional technology courses and 15 hours of applied communication studies courses.
- Of the minimum required credits, students may take six credits of electives from an approved list of applied communication studies seminars.
- At least half of the 30 credit hours of coursework must be at the 500-level.
- No more than three credit hours of the 30 credit hours of coursework can be independent study.
- All students will complete seven credit hours of integrative studies thesis or non-thesis capstone work.

Required Courses

Applied Communication Studies

ACS 540-3 - Survey of Organizational Communication Research

ACS 541-3 - Seminar in Organization Culture
ACS 542-3 - Communication Consulting

Instructional Technology

- IT 500-3 - Principles of Instructional Technology
- IT 505-3 - Needs Assessment and Program Evaluation
- IT 510-3 - Instructional Systems Design
- IT 520-3 - Performance Technology
- IT 596-1 - Design Studio I
- IT 597-2 - Design Studio II

Elective Seminars (Select 2)

Applied Communication Studies

- ACS 510-3 - Group Communication
- ACS 511-3 - Intercultural Communication
- ACS 520-3 - Interpersonal Communication
- ACS 521-3 - Computer-Mediated Communication
- ACS 522-3 - Family Communication
- ACS 541-3 - Organizational Culture
- ACS 550-3 - Public Relations
- ACS 560-3 - Speech Education

Integrative Studies Capstone Project

(1) INTG 500 Proposal Development
(6) INTG 599 Thesis Research or INTG 593 Final Project

Admission Requirements

- Graduate School application and $40 fee
- Official copies of all postsecondary transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Minimum GPA 3.0
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- A letter of intent clearly articulating the desired focus areas, the applicant's academic/career goals, how his/her academic background prepares him/her to undertake the program successfully, and how the program serves his/her goals must be submitted with the application.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants must also meet any additional admissions requirements stipulated by the participating departments, which may include but are not limited to holding a specific undergraduate degree, one or more prerequisite courses, or a standardized test score, such as the GRE.

Applicants with a baccalaureate and/or graduate-level GPA between 2.5 and 3.0 may be considered if all the following conditions are met.

- The baccalaureate degree and/or graduate-level work was earned more than four years prior to the application submission.

- The applicant provides a written explanation of their performance in the baccalaureate degree.
- The applicant provides a written explanation of why they will be successful in the integrative studies program.

Review the SIUE Admissions Policy for more information.

Faculty

Dave S. Knowlton, EdD
Instructional Technology

Zachary Schaefer, PhD
Applied Communications Studies

Integrative Studies (MA,MS)

Integrative Studies - Sustainability (MA,MS)

The integrative studies in sustainability master's program prepares students to apply sustainability concepts, principles and technical approaches to address "green" career needs in a variety of fields. The program curriculum integrates sustainable sociology and environmental management, with special focuses on sustainability research, planning and leadership skills, environmental regulation requirements, and community-based sustainable management of natural resources. Through innovative curriculum and training, students will explore institutional, social and environmental approaches to better understand and provide innovative solutions to complex sustainability challenges.

Format

Evening courses

Career Outlook

As natural resources become more scarce and expensive, sustainability has become a flourishing field of graduate study with great career potential. The overall job outlook for sustainability specialist careers has been very positive and is rapidly growing in popularity. Graduates may pursue careers that apply sustainability practices and principles, or manage planning and application of sustainability concepts in consulting, business, industry, government, nonprofit organizations or academia. Possible jobs include, but are not limited to, corporate or municipal sustainability officer, technical analyst for sustainability practices, technical manager for sustainability projects, sustainable product purchasing agent, sustainable green building or community designer, and sustainability consultant.

Curriculum

Students will take courses in the sociology and environmental sciences programs, according to the master's in integrative studies program requirements:

- 30 credit hours of graduate-level courses, 15 credits of which are from the sociology program and 15 credits from the environmental sciences program.
- At least half of the 30 credit hours of coursework must be at the 500-level.
- No more than three credit hours of the 30 credit hours of coursework can be independent study.
- All students will complete seven credit hours of integrative studies thesis or non-thesis capstone work.

Sociology Courses

- SOC 515-3 - Research Methods and Study Design in Sociology
- SOC 518-3 - Advanced Data Analysis
- SOC 590-3 - Seminar in Sociology and Sustainability
- SOC 540-3 - Alternatives to Capitalism(s) or 538-3 - Seminar in Industrial Sociology
- SOC 542-3 - Seminar in Gender and Gender Inequality or 502-3 - Seminar in Intergroup Relations

Environmental Sciences Courses

- ENSC 510-3 - Advanced Environmental Sciences and Policy
- ENSC 511-3 - Environmental Policy
- ENSC 512-3 - Environmental Law
- ENSC 516-3 - Environmental Impact Analysis
- ENSC 550-3 - Applied Ecology

Integrative Studies Capstone Project

(1) INTG 500 Proposal Development
(6) INTG 599 Thesis Research or INTG 593 Final Project

Admission Requirements

- Graduate School application and $40 fee
- Official copies of all postsecondary transcripts
- Successful completion of a bachelor's degree prior to enrollment. Applicants may be required to take prerequisites or resolve any deficiencies before classified status is approved.
- Minimum GPA 3.0
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- A letter of intent clearly articulating the desired focus areas, the applicant's academic/career goals, how his/her academic background prepares him/her to undertake the program successfully, and how the program serves his/her goals must be submitted with the application.
- Other requirements:
  - Completion of 30 hours of social science credits (strongly recommend theory, methods, and statistics)
  - Writing Sample

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants must also meet any additional admissions requirements stipulated by the participating departments, which may include but are not limited to holding a specific undergraduate degree, one or more prerequisite courses, or a standardized test score, such as the GRE.

Applicants with a baccalaureate and/or graduate-level GPA between 2.5 and 3.0 may be considered if all the following conditions are met.

- The baccalaureate degree and/or graduate-level work was earned more than four years prior to the application submission.
- The applicant provides a written explanation of their performance in the baccalaureate degree.
- The applicant provides a written explanation of why they will be successful in the integrative studies program.

Review the SIUE Admissions Policy for more information.

Faculty

Connie Frey-Spurlock, PhD
Sociology

Zhiqing Lin, PhD
Environmental Sciences

Kinesiology- Exercise Physiology (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's prior to enrollment
- Successful completion (grade C or better) of one semester of an anatomy and physiology course
- Undergraduate grade point average (GPA) of at least 2.75 on a 4.0 scale
- Only courses in which the student earned a grade of "B" or better will be considered for transfer credit
- For international students, a minimum total internet-based TOEFL score of 100 is required to be considered for admission

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Admission may be granted to applicants who have a bachelor's and meet the aforementioned criteria, although any prerequisites necessary to study in a particular specialization are at the discretion of the program advisor.

Selection for admission is determined by the graduate faculty in the Department of Kinesiology and Health Education. The student's grade point average and course work content from previous professional preparation will be used to determine qualifications for entrance into the program.

Review the SIUE Admissions Policy for more information.

Application Deadline

The deadline is approximately one month before the start of classes (definite dates are on the application).

Kinesiology- Exercise Physiology (MS)

Curriculum

Near the completion of the program of study, each student is required to select either a non-thesis option or research thesis option. Students pursuing the non-thesis option must choose an internship for three credit hours. Students choosing to complete the thesis will work with their advisor to organize a committee of three faculty members to supervise, monitor and evaluate the thesis for three to six credit hours. All courses in the exercise physiology program are offered in an evening format.

Exercise Physiology Specialization (30 hours)

Core Courses (27 hours)
(3) KIN 501 Behavioral Analysis of Exercise
(3) KIN 509 Research Methods in Kinesiology
(3) KIN 512 Advanced Exercise Physiology
(3) KIN 514 Advanced Exercise Assessment and Prescription
(3) KIN 516 Advanced Cardiovascular and Respiratory Physiology
(3) KIN 517 Pathophysiology and Treatment of Obesity
(3) KIN 518 Exercise Endocrinology
(3) KIN 541 Advanced Human Nutrition and Metabolism
(3) KIN 496 Advanced Concepts and Techniques in Strength and Conditioning OR KIN 513 Clinical Exercise Physiology (Choose one)

Capstone Experience
Students Must Complete One of Two Options (3 hours)

- Non-Thesis Option: KIN 555 Internship in Exercise Physiology (3) and comprehensive exit exam
  OR
- Thesis Option: KIN 599 Thesis (3)

Course Sequence

Students in the non-thesis option are able to begin in the fall, spring or summer and can complete all degree requirements in 12, 18 or 24 months. Students in the thesis option typically require two academic years to complete course curriculum.

Non-Thesis Option

The non-thesis option for the Master of Science in kinesiology with a specialization in exercise physiology is for students who are not interested in pursuing a doctorate. Through classroom learning, laboratory experience and true hands-on experience, the non-thesis exercise physiology program produces exceptional graduates who are well prepared for the professional work environment. The option provides course work and laboratory experience that prepares students for careers in adult fitness, hospital or corporate-based wellness programs, cardiac rehabilitation, strength and conditioning specialists, or professional careers (e.g., physical therapy, occupation therapy, dentistry, pharmacy, etc.)

Thesis Option

The thesis option for the Master of Science in kinesiology with a specialization in exercise physiology is intended to give exceptional students knowledge in basic medical and scientific areas to prepare them to pursue a doctoral degree in exercise physiology. It should be pursued only by students who have a serious commitment to the science of exercise physiology. Students focus on the study of the human body's responses and adaptations to physical activity. Students in the thesis option will typically take two academic years to complete the course work and research thesis. The student and faculty advisor will match thesis and coursework with the goals of the students to provide an exceptional learning experience.

Admission to a graduate program in kinesiology does not guarantee the opportunity to complete a thesis. In order to complete a thesis, students must do the following:

- Meet with the professor(s) with whom you would like to work to discuss your research interests.
  Submit a letter of interest to the professor(s) with whom you would like to work. Include the following items in your letter of interest for consideration to the thesis program.
    - Explain your research interests and goals and how they match with the faculty member whom you plan to work with on your thesis project. Include your breadth and depth of research experience (we understand that it may be limited), your potential fit with the specified faculty's research agenda, and what potential benefits you plan to gain.
    - Provide examples of leadership potential and your ability to work with a diverse research team. Leadership and teamwork examples can be from academic, professional or community activities or employment.
    - What are your career or academic ambitions following the completion of your graduate degree? Include short- (two to three years) and long-term goals (five to six years).
    - As a student or faculty member, science and research will involve several moments of trial and error before achieving success. Provide an example of when you failed at something you were heavily invested in and how you dealt with and learned from your failure.
- Submit an example of your writing to the professor(s) with whom you would like to work.

Faculty will choose thesis students based on a combination of potential for success, a match in research interests between the faculty member and the student and availability of the faculty member.

Kinesiology- Exercise Physiology (MS)

Graduation Requirements

In the final semester, all non-thesis students will be required to take an exit exam, similar to the American College of Sports Medicine (ACSM) Exercise Physiologist Certification Exam. This exam will be taken from questions in the ACSM's Certification Review book and from test bank questions provided with ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription. Students who elect to prepare a thesis must present an oral defense of the thesis.

Review the graduation policy for more information.

Literacy Education (MSEd)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's prior to enrollment
- Grade point average of 3.0 (A=4.0) or above
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- A teaching certificate in early childhood, elementary, secondary or special education
- A minimum of two years of full time contract teaching prior to CI 571 (for reading specialist only)
- Three hours of children's literature at the undergraduate or graduate level prior to graduation.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Literacy Education (MSEd)

Curriculum

Students can complete two options for the Master of Education (MSEd):
Literacy Specialist or
Reading Specialist

Students can complete a Reading Teacher Endorsement.

Students can complete a Post-Masters Certificate Literary Specialist.

Academic Advising

Angela White
Campus Box 1062, SIUE
Edwardsville, IL 62026-1062
(618) 650-2433
angewhi@siue.edu

Literacy Education (MSEd)

Graduation Requirements

Reading Specialist (MSEd)
Candidates must complete all requirements to be eligible for the Illinois Reading Specialist Certificate including: passing the appropriate Assessment of Professional Teaching for the area of endorsement (primary, middle school or secondary) and the Illinois Basic Skills Test (97) one semester prior to program completion, earning an A or B in all program courses, passing all program assessments, providing evidence of membership in an organization that will enhance their professional development in literacy (ie. IRC, IRA, NRC, or NCTE) and complete a final master's project.

Literacy Specialist (MSEd)
Candidates must complete all requirements to be eligible for the Illinois Reading Specialist Certificate including: passing the Assessment of Professional Teaching (APT 104) and the Illinois Basic Skills Test (97) one semester prior to program completion, earning an A or B in all program courses, passing all program assessments, and providing evidence of membership in an organization that will enhance their professional development in literacy (ie. IRC, IRA, NRC, or NCTE).

Review the graduation policy for more information.

Literacy Education (MSEd)

Specialized Learning Opportunities

- Literacy Specialist Option
  - Literacy Specialist Option
  - Reading Specialist Option
  - Literacy Specialist Post-Master's Certificate
  - Reading Teacher Endorsement

Literacy Specialist Option

Program of Study

Thirty-three (33) semester hours of graduate credit are required for the Master of Science in Education. Course requirements are as follows:

CI 520 Theoretical Foundations in Literacy
CI 521 Emergent and Primary Level Literacy
CI 525 Upper Elementary and Middle Level Literacy
CI 540 Content Area Literacy
CI 571 Diagnostic Assessment and Instruction
CI 572 Diagnostic Literacy Practicum for Elementary Level
CI 573 Diagnostic Literacy Practicum for Middle and Secondary Level
CI 578 Organization and Administration of Literacy Programs
CI 591 Current Issues and Trends in Literacy
CI 596d Field Study in Curriculum & Instruction: Literacy
CI 548 Action Research: Literacy or EPFR 501 Research in Education

Field Experience During Foundations Courses

Intensive and extensive field experiences (CI 521, 525 and 540) help prepare candidates to analyze their own instruction and assume the new role of consultant and collaborator with other school professionals. Candidates begin on-going reflection and development of their knowledge of literacy processes, assessment, instructional strategies and materials to plan and adapt instruction to meet the diverse needs of students in pre-kindergarten through grade 12. Through collaboration and constructive coaching, candidates enhance their knowledge, skills and dispositions.

Entry to Clinic Practicum

Prior to enrolling in CI 571, the first clinical course, candidates must earn an A or B in the following four core courses (CI 520, CI 521, CI 525, CI 540), have a minimum of two years of successful full-time contract teaching, and pass all initial program assessments.

Literacy Clinic Practicum

The Cougar Literacy Clinic in the Reading Center is a low cost diagnostic and instructional service that provides literacy development support for students in grades 1-12 from the surrounding communities. Literacy Specialist candidates complete three practicum courses, CI 571, 572 and 573. Graduate candidates conduct and analyze diagnostic literacy assessments, provide individualized developmental and remedial instruction, and write comprehensive literacy development reports for each student. Clinicians are supervised during the clinic through direct observation, as well as videotaping, case study discussions and lesson plan reflections. Candidates work with colleagues to observe, plan and provide coaching on each other's practice during the three semesters of clinic.

Entry to Leadership Internship

To enter the leadership internship courses, CI 578 and CI 591, candidates must earn an A or B in CI 571, 572 and 573, pass all mid-point program assessments, and pass the Illinois Research Specialist Content Test (176).

Literacy Education (MSEd)

Specialized Learning Opportunities

- Literacy Specialist Post-Master's Certificate
  - Literacy Specialist Option
  - Reading Specialist Option
  - Literacy Specialist Post-Master's Certificate
  - Reading Teacher Endorsement

Literacy Specialist Post-Master's Certificate

The Department of Curriculum and Instruction offers a program of study leading to a Post- Master's Literacy Specialist Certificate. This program is intended to provide advanced preparation for literacy/reading specialists and leaders in literacy education. Literacy is the ability to read, write, speak, listen, view, visually represent and think in meaningful or socially-recognized ways. Literacy specialist responsibilities include teaching, coaching and coordinating literacy education, as well as serving as a resource for other professionals and the community; promoting literacy advocacy; providing professional development; and working collaboratively to develop, implement, and evaluate literacy curriculum and programs. Upon passing all program requirements, candidates will earn Illinois Type 10 Reading Specialist Certification which is valid for teaching reading, supporting teaching professionals and coordinating literacy programs for K-12.

ADMISSION

Minimum admission criteria include a master's degree in education with a GPA of 3.0 (A=4.0) or above; a valid Illinois teaching certificate in early childhood, elementary, secondary or special education; a minimum of two years of full-time contract classroom teaching; and three hours of children's literature at the undergraduate or graduate level (or obtain before graduation).

Please note that international students are ineligible to receive a student visa for this program.

PROGRAM OF STUDY

27 semester hours of graduate credit are required for a Post-Master's Literacy Specialist Certificate. Requirements are as follows:

    Literacy Core (27 hours):
    CI 520 Theoretical Foundations in Literacy
    CI 521 Emergent and Primary Level Literacy
    CI 525 Upper Elementary and Middle Level Literacy
    CI 540 Content Area Literacy
    CI 571 Literacy Diagnostics: Assessment and Instruction
    CI 572 Diagnostic Literacy Practicum for Elementary Level
    CI 573 Diagnostic Literacy Practicum for Middle and Secondary Level
    CI 578 Organization and Administration of Literacy Programs
    CI 591 Current Issues and Trends in Literacy

Field Experience

Intensive and extensive field experiences (CI 521, 525 and 540) help prepare candidates to analyze their own instruction and assume the new role of consultant and collaborator with other school professionals. Candidates begin on-going reflection and development of their knowledge of literacy processes, assessment, instructional strategies, and materials to plan and adapt instruction to meet the diverse needs of students in pre-kindergarten through grade 12. Through collaboration and constructive feedback, candidates enhance their knowledge, skills and dispositions.

Entry to Clinic Practicum

Prior to enrolling in CI 571, the first clinical course, candidates must complete with a minimum grade of B the following four

core courses (CI 520, CI 521, CI 525 and CI 540); one course may be taken concurrently with CI 571. Candidates must also have a passing score on the Reading Specialist Content Area Test (176), and meet the passing criteria on two initial literacy program notebooks: a standards notebook and a resource notebook.

Literacy Clinic Practicum

The Cougar Literacy Clinic in the Reading Center is a low cost diagnostic and instructional service that provides literacy development support for students in grades 1-12 from the surrounding communities. Literacy Specialist candidates complete three practicum courses, CI 571, 572 and 573. Graduate candidates conduct and analyze diagnostic literacy assessments, provide individualized developmental and remedial instruction, and write comprehensive literacy development reports for each student. Clinicians are supervised during the clinic through direct observation, as well as videotaping, case study discussions and lesson plan reflections. Candidates work with colleagues to observe, plan and provide feedback on each other's practice during the three semesters of clinic.

Upon completion of the three practicum courses (CI 571, 572 and 573) with a minimum grade of a B, candidates will present and meet passing criteria for their on-going literacy program notebooks demonstrating a more thorough understanding and application of the previous standards, along with resources for each component of literacy.

Graduation Requirements

Candidates must complete all requirements to be eligible for the Illinois Reading Specialist Certificate including: passing the Assessment of Professional Teaching (APT 104) and the Illinois Basic Skills Test (97) one semester prior to program completion, earning an A or B in all program courses, passing all program assessments, and providing evidence of membership in an organization that will enhance their professional development in literacy (ie. IRC, IRA, NRC, or NCTE). Minimum GPA of 3.25.

Literacy Education (MSEd)

Specialized Learning Opportunities

- Reading Specialist Option
  - Literacy Specialist Option
  - Reading Specialist Option
  - Literacy Specialist Post-Master's Certificate
  - Reading Teacher Endorsement

Reading Specialist Option

Program of Study

Thirty-three (33) semester hours of graduate credit are required for the Master of Science in Education. Course requirements are as follows:

CI 513 Literature Across the Curriculum
CI 520 Theoretical Foundations in Literacy
CI 521 Emergent and Primary Level Literacy
CI 525 Upper Elementary and Middle Level Literacy
CI 540 Content Area Literacy
CI 571 Diagnostic Assessment and Instruction
CI 572 Diagnostic Literacy Practicum for Elementary Level
CI 573 Diagnostic Literacy Practicum for Middle and Secondary Level

Literacy-related electives to complete the Reading Teacher Endorsement
CI 596d Field Study in Education
CI 548 Action Research: Literacy or EPFR 501 Research in Education

Field Experiences During Foundations Courses

Intensive and extensive field experiences (CI 521, 525 and 540) help prepare candidates to analyze their own instruction and assume the new role of consultant and collaborator with other school professionals. Candidates begin on-going reflection and development of their knowledge of literacy processes, assessment, instructional strategies and materials to plan and adapt instruction to meet the diverse needs of students in pre-kindergarten through grade 12. Through collaboration and constructive coaching, candidates enhance their knowledge, skills and dispositions.

Entry to Clinic Practicum

Prior to enrolling in CI 571, the first clinical course, candidates must earn an A or B in the following four core courses (CI 520, CI 521, CI 525, CI 540), and pass all initial program assessments.

Literacy Clinic Practicum

The Cougar Literacy Clinic in the Reading Center is a low cost diagnostic and instructional service that provides literacy development support for students in grades 1-12 from the surrounding communities. Reading Teacher candidates complete a minimum of two practicum courses, CI 571, and 572 or 573. Graduate candidates conduct and analyze diagnostic literacy assessments, provide individualized developmental and remedial instruction, and write comprehensive literacy development reports for each student. Clinicians are supervised during the clinic through direct observation, as well as videotaping, case study discussions and lesson plan reflections. Candidates work with colleagues to observe, plan and provide coaching on each other's practice during the three semesters of clinic.

Literacy Education (MSEd)

Specialized Learning Opportunities

- Reading Teacher Endorsement
  - Literacy Specialist Option
  - Reading Specialist Option
  - Literacy Specialist Post-Master's Certificate
  - Reading Teacher Endorsement

Reading Teacher Endorsement

The Reading Teacher Endorsement requires 24 hours of literacy coursework. Contact the graduate program director for individualized program information. This endorsement does not require teaching experience.

Graduate Program Director
Susanne James
sjames@siue.edu

Integrative Studies (Post-Baccalaureate Certificate)

Marketing and Public Relations

In the increasingly dynamic national and global markets, professionals in marketing and public relations are in high demand especially if their knowledge and skills cut across industry and specialization areas. An integrative studies post-baccalaureate certificate in marketing and public relations at Southern Illinois University Edwardsville will allow individuals to increase their professional advantage by staying abreast of the cutting-edge trends in these interrelated fields. By learning key concepts and applications of marketing analysis, strategy, and management, as well as visual communication, social media, and international aspects of public relations, students will be well positioned, upon acquiring the certificate, to excel and lead in marketing and public relations agency settings and in corporate or nonprofit communication careers. Evening and online courses will accommodate the busy schedules of working professionals.

The certificate in marketing and public relations is part of SIUE's integrative studies program. Please visit the integrative studies graduate website to find additional opportunities or to learn about designing your own graduate degree.

Admission

- Graduate School application and $40 fee
- Official copies of all post-secondary transcripts
- Successful completion of a bachelor's degree prior to enrollment. Applicants may be required to take prerequisites or resolve any deficiencies before classified status is approved.
- Minimum GPA 3.0
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- A letter of intent clearly articulating the desired focus areas, the applicant's academic/career goals, how his/her academic background prepares him/her to undertake the program successfully, and how the program serves his/her goals must be submitted with the application.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions Office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants must also meet any additional admissions requirements stipulated by the participating departments, which may include but are not limited to holding a specific undergraduate degree, one or more prerequisite courses, or a standardized test score, such as the GRE.

Applicants with a baccalaureate and/or graduate-level GPA between 2.5 and 3.0 may be considered if all the following conditions are met.

- The baccalaureate degree and/or graduate-level work was earned more than 4 years prior to the application submission.
- The applicant provides a written explanation of her/his performance in the baccalaureate degree.
- The applicant provides a written explanation of why he/she will be successful in the Integrative Studies degree.

Review the SIUE Admissions Policy for more information.

Curriculum

The post-baccalaureate certificate requires the completion of 18 hours of courses, split evenly between the applied communication studies and management and marketing departments. The courses are as follows:

Applied Communication Studies

- ACS 431 – 3 Public Relations Visual Communication
- ACS 432 – 3 Social Media for Public Relations
- ACS 557 – 3 International Public Relations

Management and Marketing

- MKTG 525 – 3 Marketing Analysis and Applications for Managerial Decision Making
- Two out of the following courses:
  - MKTG 530 – 3 Marketing Planning and Strategy
  - MKTG 534 – 3 Advertising Research
  - MKTG 542 – 3 Promotion Management

Note: Post-baccalaureate students may apply for scholarships, grants and loans, but are not eligible for Federal Title IV financial aid.

Exit Requirements

The student must successfully complete the program of study with a minimum GPA of 3.0.

Marketing Research (MMR)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Minimum GPA of 2.50
- Statement of Purpose: Submit an essay effectively articulating the applicant's career goals as these relate to interest in pursuing the program
- Graduate Management Admission Test (GMAT) or GRE.
- International students must also earn a minimum score of 550 on the paper-based TOEFL or 213 on the computer-based TOEFL or 79 on the internet-based TOEFL.
- All applicants are required to submit three letters of recommendation from individuals who can attest to the applicant's qualifications and likelihood of successful completion of degree requirements.
- Personal history information

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Admission to the MMR program is highly selective and competitive. The program director, in consultation with marketing faculty, decides who will be admitted based on a balanced appraisal of each component of the applicant's credentials. As a general rule, strong undergraduate performance (high GPA), above average GMAT/GRE scores (including verbal, quantitative, and analytical writing components), and an intense interest in pursuing a career in marketing research are essential prerequisites for admission to the MMR program. Applicants who are denied admission may request a review of their credentials by the MMR Admissions Review and Retention Committee which makes its recommendation to the program director. The decision of the program director is final. Applicants who hold a PhD or equivalent in a recognized field from an accredited university need not submit a GMAT/GRE score.

Review the SIUE Admission Policy for more information.

Students are expected to enter the program with competencies in statistics and statistical software and business fundamentals. Admitted students who lack these competencies may satisfy the requirements in the following manner:

1. Statistics and Statistical Software: Students without a background in statistics and statistical software will be required to complete: (a) MS 251 (Statistical Analysis for Business Decisions) or its equivalent, and (b) PAPA 412/420 (Quantitative Analysis) or its equivalent. Based on the evidence provided by the student, this requirement may be waived by the program director. Completion of these courses will not earn academic credit in the MMR program.
2. Business fundamentals: Students without a background in business fundamentals will be required to take three business courses to meet the business fundamentals requirements for graduate study in marketing research. These courses must include: (a) MKTG 525 (Marketing Analysis and Applications for Managerial Decision Making) and (b) two of the following: MBA 522, MBA 523, ACCT 524, CMIS 526, FIN 527, ECON 528, PROD 529 or the equivalent. The final selection of these courses must be decided in consultation with the program director. Based on the evidence provided by the student, this requirement may be waived by the program director.

Marketing Research (MMR)

Program of Study

Students pursuing the MMR must complete a minimum of 31 semester hours beyond the business fundamentals and statistics competencies.

Program courses (22 hours): MKTG 501 (1 hour), 530, 539 (twice at 1.5 hours each), 544, 546, 547, 548, 550

Elective courses (9 hours): Taken from the following: MKTG 532, 534, 540, 541, 560, 561, 562, 595

Other business electives consistent with the program's goals and student's career objectives may be taken with approval from the program director. Only three hours of 400-level coursework may be used to satisfy MMR requirements.

Marketing Research (MMR)

Graduation Requirements

In addition to completing the required coursework, students must also satisfy a comprehensive examination requirement as outlined in MKTG 550. This course, in which the student designs and completes a marketing research project, is an integrated experience and will ordinarily be the last course taken. Upon completion of the marketing research project, the written report must be in a form suitable for presentation. It must be defended orally before the participating organization, faculty and MMR students. Students who earn a grade below B will be given a second opportunity to complete the course in a satisfactory manner. Performance of individuals who fail to earn a B or above in the second attempt will be reviewed by two additional members of the marketing faculty who may recommend that the student be dropped from the program. In rare instances, students may be permitted a third attempt to earn a grade of B or above under another instructor.

Review the graduation policy for more information.

Marketing Research (MMR)

Specialization

Business Analytics

An MMR student may choose to pursue a specialization in business analytics. To complete the specialization, the MMR student must satisfactorily complete a minimum of 37 hours of coursework as outlined in the Program of Study in the graduate catalog and satisfy the following business analytics requirements:

- MKTG 546 – Quantitative Methods (3)
- MKTG 544 – Information Fundamentals (3)
- CMIS 566 – Introduction to Business Intelligence and Analytics (3)
- CMIS 567 – Business Analytics Capstone course and
- Elective courses (6 hours): Taken from the following:
    - MKTG 534, 560, 561, and 562 (elective choices must be approved by the program director)

Mathematics (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Undergraduate background that includes MATH 150, 152, 223, 250 and 321 or their equivalents.
- Grade point average of at least 2.7 (A=4.0) in mathematics and statistics courses.
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- A brief statement of educational and career goals and interests, together with any supporting documents
- A description of any special qualifications or relevant professional experience.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

In some cases, applicants who meet the requirements for admission to the Graduate School, but do not have the required background in mathematics as indicated above, may register as unclassified graduate students until deficiencies have been satisfied to permit admission to degree-seeking status.

It is recommended that students in the computational and applied mathematics or statistics and operations research specializations have a working knowledge of algorithmic programming language. It is also recommended that students in the theoretical mathematics or computational and applied mathematics specializations have a course in real analysis equivalent to MATH 350 at SIUE.

Review the SIUE Admissions Policy for more information.

Mathematics (MS)

Curriculum

The program of study requires a minimum of 30 semester hours of graduate credit, at least 15 of which must be at the 500-level. Students must maintain an overall grade point average of 3.0 for all courses taken in the program.

Students pursuing a double major must complete all required courses in one of the options below. Six to nine hours of the electives may be waived for students who complete a double major. These students must complete at least nine hours of 500-level mathematics, statistics or operations research courses, not counting the thesis or research paper.

Students may choose from four specializations:

Pure Mathematics
Statistics and Operations Research
Computational and Applied Mathematics
Postsecondary Mathematics Education

Mathematics (MS)

Specialized Learning Opportunities

- Early Entry BS and MS in Mathematics
  - Computational and Applied Mathematics Specialization
  - Post-Secondary Mathematics Education Specialization
  - Pure Mathematics Specialization
  - Statistics and Operations Research Specialization
  - Mathematics Professional Development Sequences
  - Early Entry BS and MS in Mathematics

Early Entry BS and MS in Mathematics

The Department of Mathematics and Statistics offers undergraduate students the opportunity to begin coursework towards the Master of Science degree during their senior year of their Bachelor of Science program. Students with at least 90 semester hours and an overall grade point average of 3.0 (A=4.0) in mathematics, engineering, and physical science courses may be admitted to the BS/MS program that allows them to earn graduate level credit (400- and 500-level) during their senior year. No course can be counted for both graduate and undergraduate credit.

An application for degree-seeking status as a graduate student must be approved by the Graduate School and the Graduate Admissions Committee in Mathematics. A program outline must also be submitted for approval by the graduate program director in mathematics prior to enrollment in any courses to be included as a part of the master's program. Official admission to the graduate program and the status of classified graduate student is made only after the award of baccalaureate degree. In no case will a graduate degree be conferred before all requirements for both degrees have been completed.

Mathematics (MS)

Graduation Requirements

For students who complete a thesis or research paper, the final examination consists of an oral presentation based on the content of the thesis or research paper. The examination is administered by the student's advisory committee, which includes the student's research advisor and two other members of the graduate faculty. For those students who select additional course work in lieu of a thesis or research paper, the final exam covers the content from three 500-level MATH, STAT or OR courses chosen jointly by the student and advisor.

Review the graduation policy for more information.

Mathematics (MS)

Specialized Learning Opportunities

- Mathematics Professional Development Sequences
  - Computational and Applied Mathematics Specialization
  - Post-Secondary Mathematics Education Specialization
  - Pure Mathematics Specialization
  - Statistics and Operations Research Specialization
  - Mathematics Professional Development Sequences
  - Early Entry BS and MS in Mathematics

Mathematics Professional Development Sequences

The Department of Mathematics and Statistics offers seven professional development sequences (PDS). Each PDS is described below in the program of study section. Each PDS is designed to give students a thorough grounding in one particular subject in mathematics, statistics or operations research.

ADMISSION

Graduate students who are officially admitted to, and in good standing with, the Graduate School may enroll in a PDS in the Department of Mathematics and Statistics provided they have the approval of the Graduate Program Director. Students enrolled in a PDS need not be graduate students in the Department of Mathematics and Statistics and they be an unclassified graduate student. Students are expected to have completed all courses that are prerequisites to the required courses in the PDS.

PROGRAM OF STUDY

PDS programs of study are as follows:

Quality and Reliability

STAT 484 Reliability Engineering
STAT 488 Design and Control of Quality Systems
STAT 584 Reliability Theory
STAT 588 Advanced Quality Control

Design and Analysis of Experiments

STAT 480a,b Mathematical Statistics
STAT 481 Design and Analysis of Experiments
STAT 581 Advanced Experimental Design

Applied Statistics

STAT 478 Time Series Analysis
STAT 481 Design and Analysis of Experiments
STAT 482 Regression Analysis
STAT 483 Sample Surveys

Mathematical Programming

OR 440 Deterministic Models
OR 587a,b Mathematical Programming

Simulation

OR 442 Simulation
OR 585 Simulation Theory

OR 586 Simulation Modeling and Languages

Numerical Analysis

MATH 465 Numerical Analysis
MATH 466 Numerical Linear Algebra with Applications
MATH 565 Advanced Numerical Analysis

Differential Equations

MATH 464 Partial Differential Equations
MATH 465 Numerical Analysis
MATH 552 Theory of Ordinary Differential Equations
MATH 567 Topics in Applied Mathematical Analysis

Data Science and Statistical Modeling

STAT 478 Time Series Analysis
STAT 482 Regression Analysis
STAT 489 Applied Statistical Learning and Data Mining
STAT 589 Applied Multivariate Analysis
STAT 579 Discrete Multivariate Analysis

Mathematics (MS)

Specialized Learning Opportunities

- Computational and Applied Mathematics Specialization
  - Computational and Applied Mathematics Specialization
  - Postsecondary Mathematics Education Specialization
  - Pure Mathematics Specialization
  - Statistics and Operations Research Specialization
  - Mathematics Professional Development Sequences
  - Early Entry BS and MS in Mathematics

Computational and Applied Mathematics Specialization

Required Courses (18 hours): MATH 421, 450, 464, either 465 or 466, either 555 or 565, and either 451 or 552.

Electives (6 to 9 hours): Electives may be selected from 400- and 500-level mathematics, statistics, or operations research courses. MATH 550 and 567, STAT 575, and OR 587ab are recommended.

Thesis or research paper (3 to 6 hours): MATH 599 (Thesis), or MATH 595 (Special Project). Students in the computational and applied mathematics specialization may substitute additional 500-level course work for the thesis or research paper to complete the 30-hour requirement for the degree. Students who select this course option must pass a comprehensive exam covering three 500-level MATH, STAT, or OR courses chosen jointly by the student and advisor.

The 400-level required courses are waived for students who have completed these courses as undergraduates, although graduate credit cannot be given for courses taken as an undergraduate.

Mathematics (MS)

Specialized Learning Opportunities

- Postsecondary Mathematics Education Specialization
  - Computational and Applied Mathematics Specialization
  - Postsecondary Mathematics Education Specialization
  - Pure Mathematics Specialization
  - Statistics and Operations Research Specialization
  - Mathematics Professional Development Sequences
  - Early Entry BS and MS in Mathematics

Postsecondary Mathematics Education Specialization

Students must complete the requirements in Groups A, B, C, D, and E.

Group A: Three courses selected from the following:

MATH 420, 421, 423, 430, 435, 437, 450, 451, 464, 465, 466, OR 440, STAT 478, 480A, 480B, 481, 482.

Group B: Two courses selected from the following:

MATH 531 - Algebraic Content, Pedagogy and Connections
MATH 532 - Geometric Content, Pedagogy and Connections
MATH 533 - Discrete Mathematics Content, Pedagogy and Connections
MATH 534 –Calculus Content, Pedagogy and Connections
STAT 535 –Statistics Content, Pedagogy and Connections

Group C: Two MATH/STAT/OR electives selected from 500-level MATH, STAT, or OR courses, excluding courses from Group B above.

Group D: Two courses selected from the following:

ADED 522 - Program Planning in Adult and Continuing Education
ADED 523 - Curriculum and Instruction in ADult and Continuing Education
EPFR 501 - Research Methods
EPFR 515 - Advanced Educational Psychology
CI 510 - Analysis of Instruction (choose either CI 510F or CI 510J)
CI 563 - Curriculum Models (choose either CI 563 F, J, K, or L)
IT 540 - Distance Education

GROUP E: MATH, STAT, or OR 599 (Thesis), or MATH, STAT or OR 595 (Special Project), or option of substituting additional 500-level course work in MATH, STAT or OR, excluding courses from Group B. Students who select this option must pass a final exam covering two 500-level MATH, STAT, or OR courses from Group C and the additional course from Group E.

Mathematics (MS)

Specialized Learning Opportunities

- Pure Mathematics Specialization
  - Computational and Applied Mathematics Specialization
  - Postsecondary Mathematics Education Specialization
  - Pure Mathematics Specialization
  - Statistics and Operations Research Specialization
  - Mathematics Professional Development Sequences
  - Early Entry BS and MS in Mathematics

Pure Mathematics Specialization

Required courses (18 hours): MATH 421, 430 or 437, 450, 451 or 552, 555 or 565 and 520 or 545.

Electives (6 to 9 hours): Electives may be selected from 400- or 500-level mathematics, statistics, or operations research courses.

Thesis or research paper (3 to 6 hours): MATH 599 (Thesis) or MATH 595 (Special Project). Students in the pure mathematics specialization may substitute additional 500-level course work for the thesis or research paper to complete the 30-hour requirement for the degree. Students who select this course option must pass a comprehensive exam covering three 500-level MATH, STAT, or OR courses chosen jointly by the student and advisor.

Mathematics (MS)

Specialized Learning Opportunities

- Statistics and Operations Research Specialization
  - Computational and Applied Mathematics Specialization
  - Postsecondary Mathematics Education Specialization
  - Pure Mathematics Specialization
  - Statistics and Operations Research Specialization
  - Mathematics Professional Development Sequences
  - Early Entry BS and MS in Mathematics

Statistics and Operations Research Specialization

Required courses (18 hours): Stat 480a, 480b, one of OR 440, OR 587a, Math 423 and one of: OR 441, OR 442, OR 585. One of the following two semester sequences is required: Stat 581, Stat 582; Stat 584, Stat 588; Stat 579, Stat 589; OR 587a, OR 587b; OR 585, OR 586. A student taking the OR 587a and OR 587b sequence will be required to take either OR 440 or Math 423. A student taking the OR 585/OR 586 sequence will be required to take either OR 441 or OR 442.

Electives (6 to 9 hours): Electives may be selected from 400- or 500-level mathematics, statistics, or operations research courses.

Thesis or Research Paper (3 to 6 hours): STAT or OR 599 (Thesis), or STAT or OR 595 (Special Project). Students in the Statistics and Operations Research specialization may substitute additional course work for the thesis or research paper to complete the 30-hour requirement for the degree. Students who select this course option must pass a comprehensive exam covering three 500-level MATH, STAT, or OR courses chosen jointly by the student and advisor.

MBA

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Minimum GPA of 2.50
- Graduate Management Admission Test (GMAT) or Graduate Record Examination (GRE). Applicants who hold a PhD, MD, LLM, DDS, DNP, EdD or the equivalent in a recognized field from an accredited program in an acceptable U.S. university need not submit a GMAT/GRE score.
- Applicants holding a master's degree, PharmD, or JD from an accredited program at an acceptable U.S. institution can make a request to waive the GMAT/GRE exam requirement.
- Applicants with a 3.2 or better GPA in undergraduate business degrees from AACSB-accredited business programs or a 3.2 or better GPA in undergraduate engineering degrees from ABET-accredited engineering programs can waive the GMAT/GRE requirement. Applicants with a 3.0 or higher GPA and a minimum of three years full-time professional work experience can make a request to waive the GMAT/GRE exam requirement.
- The decision to grant the GMAT/GRE waiver rests with the program director and School of Business MBA admissions committee. Applicants must contact the program director at testwaiverrequest@siue.edu to request the waiver.
- Personal history information
- International students must also earn a minimum score of 550 of the paper-based TOEFL or 79 internet-based TOEFL.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Admission to the MBA program is based on a variety of factors including undergraduate GPA, overall score on the GMAT and its parts (verbal, quantitative and analytical writing), and previous work in other graduate programs. At least two years of work experience is recommended for students entering the MBA program. Students recently admitted to the MBA program have had, on average, a cumulative undergraduate GPA (UGPA) of 3.2 (A=4.0) and an overall GMAT score of approximately 520.

Review the SIUE Admissions Policy for more information.

Students who are admitted to the SIUE DNP program and who hold a master's in nursing may submit a request to waive the GMAT/GRE.

Students who are admitted to and pursuing a PharmD at SIUE and who wish to apply to the MBA program at SIUE may submit an application to the Graduate School for review once they have earned the equivalent of 106 semester hours. A currently enrolled SIUE PharmD student, upon approval of the MBA program director, will be allowed to enroll in a maximum total of six credits of graduate-level business coursework until the student has earned the equivalent of 124 semester hours, at which time the student would be allowed to enroll in further courses toward the MBA. Currently enrolled SIUE PharmD students may submit a recent official PCAT exam result for consideration of waiving the GMAT exam; minimum composite, verbal, and quantitative scores on the PCAT are required for a GMAT waiver to be granted.

Students who were not admitted may appeal. These appeals are handled by the MBA program director. Students seeking an exception are required to provide the program director with evidence supporting the reason such an exception should be granted. The program director's decision regarding the appeal is final.

Unclassified Status

An applicant with an undergraduate GPA of 2.8 or higher may be permitted to enroll in classes for one term as an unclassified student prior to taking the GMAT. In most cases, no more than six credit hours of coursework can be taken prior to receipt of the scores by the School of Business Student Services Office.

Entry Competencies

Students are expected to enter the program with competencies in computer software and statistics.

MBA

Program of Study

The following eight courses are required for completion of the MBA program. In addition to the program courses, which comprise 24 credit hours, four elective courses or a specified concentration are required for a total of 36 credit hours to complete the MBA requirements.

MBA program courses:

- **ACCT 524** Accounting for MBAs
- **CMIS 526** Information Systems and Technology
- **ECON 528** Managerial Economics
- **FIN 527** Corporate Finance
- **MBA 521** Quantitative Analysis
- **MBA 522** Decision Making in Organizations
- **MBA 534** Strategic Management
- **MKTG 525** Marketing Analysis and Applications for Managerial Decision Making

Each student must take a total of 12 hours (four courses) of electives or a specialization. Elective courses can be taken in any of the following departments:

- Accounting
- Economics and Finance
- Management and Marketing
- Computer Management and Information Systems

Electives may also be chosen from the courses offered by departments in other schools with the advance approval of the MBA program director. Such courses, however, must be related to the student's career objectives. No more than six hours of 400-level coursework may be used to satisfy MBA requirements.

MBA students with an undergraduate degree from an AACSB-accredited accounting program must choose an elective to replace ACCT 524.

Retention

Students must maintain a cumulative GPA of 3.0 in their MBA courses. Students who fall below this minimum will be placed on academic probation and referred to the associate dean for academic affairs. If the student is permitted to continue in the program, the conditions for continuance will be put in writing and communicated to the student. The full MBA retention policy is available through Business Student Services. In addition, students must have a cumulative GPA of 3.0 or higher in order to receive their degree.

MBA

Graduation Requirements

In addition to completing coursework, students must also satisfy a comprehensive examination requirement by earning a grade of B or above in MBA 534. Students who earn a grade below B will be given a second opportunity to complete the course in a satisfactory manner. Performance of individuals who fail to earn a B or above in the second attempt will be reviewed by two additional members of the School of Business Curriculum Committee who may recommend that the student be dropped from the program or, in rare instances, be permitted a third attempt to earn a grade of B or above under another instructor.

Review the graduation policy for more information.

MBA

Specializations

- Business Analytics
  - Business Analytics
  - Management
  - Management Information Systems
  - Project Management

Business Analytics

Students may choose a specialization in business analytics as preparation for a career that requires knowledge of business analysis, competitive intelligence, and information security. To complete the specialization in business analytics, MBA students must complete the eight program courses plus the following specialization courses (prerequisites for these courses must be met prior to enrollment in the course):

- MBA 521 – Quantitative Methods (3)
- CMIS 526 – Information Fundamentals (3)
- CMIS 566 – Introduction to Business Intelligence and Analytics (3)
- Two electives selected from MKTG 563, MKTG 562, MKTG 595, ECON 581, FIN 541, CMIS 564, or ACCT 565
- CMIS 567 – Business Analytics Capstone (3)

Also Available

Online Accelerated MBA in Business Analytics

MBA

Specializations

- Management
  - Business Analytics
  - Management
  - Management Information Systems
  - Project Management

Management

The management specialization prepares students for the increasing responsibilities of managerial roles in organizations, and for positions requiring skilled interpersonal interactions. Students can choose from human resources, operations and emerging markets management courses.

Students must complete MBA 522 and four of the following courses to complete the management specialization:

- MBA 523 - Negotiation and Interpersonal Skills for Managers
- MBA 533 - Leadership, Influence and Managerial Effectiveness
- PROD 529 - Operations Management and Process Analysis
- MGMT 570 - Seminar in Human Resource Management
- MGMT 595 - Seminar in Management (Emerging Markets)

Also Available

Online Accelerated MBA in Management

MBA

Specializations

- Management Information Systems
  - Business Analytics
  - Management
  - Management Information Systems
  - Project Management

Management Information Systems

Students may choose to pursue an MBA with a specialization in management information systems (MIS). The MBA/MIS specialization is an advanced professional degree that combines management skills with the study of information systems analysis and design. The program is designed to develop the student's ability to formulate and implement management information systems that will promote the achievement of the goals and objectives of the organization. Emphasis is placed upon the theory of information systems analysis and the modeling of the decision-making process in designing effective information systems.

Through the choice of elective courses in the MIS emphasis area, students can combine the study of management information systems with application to a specific discipline. Courses within the program are modified frequently to keep pace with changes in employer expectations and developments in information systems. Students who complete this degree are qualified for positions such as advanced systems analysts, supervisors of computer and data processing centers, and managers of information centers.

Program content balances theory with applications through case studies and projects that emphasize the effectiveness of organizational information systems in achieving the objectives for which the systems are designed. Factors such as the organizational structure and information requirements are studied within the context of ethical, economic, and socio-technical factors that affect the design of systems.

Some of the elective courses assume that students have an appropriate undergraduate computing background or comparable business experience in the computing field. Students are responsible for ensuring that their background is appropriate to the electives selected through consultation with School of Business advisors.

The specialization is comprised of five electives from any CMIS course listed in the graduate catalog. CMIS 526 can be used as one of the electives for MBA students. No more than two of the courses selected may be at the 400 level.

Also Available

Online Accelerated MBA in Management Information Systems

MBA

Specializations

- Project Management
  - Business Analytics
  - Management
  - Management Information Systems
  - Project Management

Project Management

Students may choose to pursue an MBA with a specialization in project management. This specialization equips future business leaders with an understanding of the fundamentals of project management and exposes them to areas of key interest to project managers such as project risk, procurement, quality management, and change management. Coursework addresses many of the concepts covered in the project management certification exam that is administered by the Project Management Institute.

Project management coursework balances theoretical concepts with applied exercises and cases. Students have the opportunity to apply project management concepts and processes in a "live" project. These experiences enable students to emerge with a much better understanding of the dynamics and challenges associated with projects, as well as effective practices for managing them.

In addition to the MBA foundation and core requirements, students choosing the project management specialization must complete twelve credit hours. The following four courses are required:

- CMIS 540 Project Management Fundamentals and Best Practices (3)
- CMIS 546 Project Procurement and Risk Management in Projects (3)
- CMIS 549 Project Management Standard Processes (3)

Additionally, students must complete one of the following courses:

- MGMT 551 Managing Organizational Change and Innovation (3) or
- MGMT 553 Seminar in Quality and Performance Management (3)
- CMIS 548 Program and Project Portfolio Management (3)
- MBA 523 Negotiation and Interpersonal Skills for Managers (3)

Also Available

Online Accelerated MBA in Project Management

SIUE Project Support Center

The project management headquarters for the School of Business, the Project Support Center provides access to project management templates associated with the *Techniques for Managing Projects* textbook.

Project Management Institute and PMP Credential

The Project Management Institute (PMI) is the leading professional membership association for the project management profession. Explore the PMI website to learn more about the project management profession and certification.

DNP/MBA

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Submit a CV, three references, and a potential project form in the application
- The applicant must hold a Master of Science in nursing as an advanced practice nurse or have a master's degree in an advanced nursing practice role with completed practicum hours. Nurses with degrees from nurse educator programs will not be considered for admission.
- A cumulative master's GPA of 3.0 (A=4.0) or higher.
- Current unencumbered RN licensure and in good standing.
- Successful completion of an application interview.
- Successful completion of a drug screen and criminal background check, to be performed after initial acceptance to the program.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Application Deadline

The priority application deadline is March 1 for summer and fall applicants. Additionally, students may apply for dual degrees, both an MBA and a DNP, with an additional application submitted to the School of Business and a request to waive the GMAT/GRE exam. Students who are accepted into the School of Business MBA program concurrently may have the graduate statistics course waived for the School of Nursing.

DNP/MBA

Curriculum

The post-master's DNP is 30 credits, with eight of those credits focused on the final project. The MBA is 36 credits, and four of the nursing DNP courses are considered electives within the MBA program, for a combined total of 60 credits for the concurrent DNP/MBA. While the School of Business courses are offered in online, eight-week sessions, the School of Nursing courses are offered online over the whole semester. This allows students who are full time to primarily only have two courses progressing simultaneously within a semester.

Year 1 (Summer Semester)

(3) ACCT 524 Accounting for MBA's
(3) NURS 600 Theory Guided Practice
6 - Total Credits

Year 1 (Fall Semester)

(3) MBA 521 Quantitative Analysis (first half of semester)
(3) MBA 522 Decision Making in Organizations (second half of semester)
(1) NURS 695a Introduction to DNP Projects
7 - Total Credits

Year 1 (Spring Semester)

(3) ECON 528 (second half of semester)
(2) NURS 691 Organizational & Systems Leadership
5 - Total Credits

Year 2 (Summer Semester)

(3) CMIS 526 Information Systems & Technology
(3) NURS 617 Applications of Epidemiology
6 - Total Credits

Year 2 (Fall Semester)

(3) MKTG 525 Marketing Analysis & Applications (second half of semester)
(3) NURS 604 Evaluating Evidence for Improving Practice
(3) NURS 620 Healthcare Informatics
9 - Total Credits

Year 2 (Spring Semester)

(3) FIN 527 Corporate Finance (first half of semester)
(3) NURS 605 Health Policy and Finance for Advanced Nurse Leader

(8) NURS 695p DNP Project (completion of Phase A and B)
8 - Total Credits

Year 3 (Summer Semester)

(2) NURS 695p DNP Project (completion of Phase C)
2 - Total Credits

Year 3 (Fall Semester)

(3) MBA 534 Strategic Management (first half of semester)
(3) NURS 601 Ethics Studies for Advanced Nursing Practice
6 - Total Credits

Year 3 (Spring Semester)

(4) NURS 695p DNP Project (completion of Phase D and E)
4 - Total Credits

Total Hours 60

Immersion Experiences

Students who are admitted to the program attend a five-day immersion in the first year, and a three-day immersion the second year. Attendance on campus is mandatory for these two immersions. Additionally, students may come to campus for the oral presentation of their final DNP Practice Project.

School of Nursing Retention Policy

Scholarship appropriate for students in a School of Nursing graduate program is demonstrated through satisfactory completion of course work, defined as obtaining a course grade of A or B. Students who obtain a course grade of D or F in a graduate nursing specialization are withdrawn from the graduate program without the option of repeating the course. Students may only earn one course grade of C and stay enrolled in graduate nursing programs. If a second course grade of C is earned, students are automatically removed from the graduate nursing program, regardless of the cumulative GPA. Repeating a course in which there is originally a grade of C does not eliminate the original course grade of C from being applied toward this exclusion policy.

DNP/MBA

Graduation Requirements

In addition to completing the course work, students must also satisfy a comprehensive examination requirement by earning a grade of B or above in MBA 534. Students who earn a grade below B will be given a second opportunity to complete the course in a satisfactory manner. Performance of individuals who fail to earn a B or above in the second attempt will be reviewed by two additional members of the School of Business Curriculum Committee who may recommend that the student be dropped from the program or, in rare instances, be permitted a third attempt to earn a grade of B or above under another instructor.

Students must successfully complete all course work and practicum hours; develop an electronic portfolio; develop, implement, evaluate, and prepare a written doctoral practice project; and complete an oral presentation of the project. Because the American Association of Colleges of Nursing has mandated that DNP graduates complete at least 1,000 hours of practice post-baccalaureate as part of a supervised academic program, master's degree transcripts will be evaluated individually, with a maximum of 500 clinical hours from advanced practice specialization programs counting toward the total 1,000 required hours.

Mechanical Engineering (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Undergraduate GPA of at least 2.75 on a 4.0 scale in engineering, mathematics and physical science courses.
- A baccalaureate degree in mechanical engineering from an ABET-accredited program. Applicants who completed a non-ABET-accredited program or whose undergraduate studies were in a country other than the United States must have a baccalaureate degree in mechanical engineering which is comparable to the United States' bachelor's degree and are encouraged to take the Graduate Record Examination (GRE) (verbal, quantitative, and analytical portions) to support their applications.
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants from selected areas of mathematical and physical sciences, or those whose undergraduate engineering degrees are not in mechanical engineering, will be considered for admission on a case-by-case basis. Such applicants may be required to take remedial courses in the deficient area before taking graduate-level ME courses.

In exceptional cases, the graduate admission committee may consider applicants who meet the Graduate School admission standards, but do not meet certain specified program admission requirements. The committee may consider other evidence that indicates high promise of the applicant's success in the program. Such supportive evidence may include high scores on GRE, professional registration, extensive professional experience, professional publications, or satisfactory graduate-level work.

Review the SIUE Admissions Policy for more information.

Mechanical Engineering (MS)

Curriculum

The department offers both thesis and non-thesis options. Both options require the completion of 30 graduate credit hours. To take full advantage of the academic experience available, however, students are encouraged to take the thesis option.

The thesis option requires a minimum of 24 credit hours of coursework plus six credit hours of ME 599-Thesis.

Thesis students will be guided in thesis work by a thesis advisor with the assistance and concurrence of an advisory committee. The thesis topic will be selected from an area in mechanical engineering and approved by the student's advisor. When possible, part-time students will be encouraged to select topics complementing their professional responsibilities. Writing a thesis involves an intensive research effort and generally requires several semesters of work to complete. Students are encouraged to find a thesis advisor and begin their thesis work well in advance of registering for thesis credits.

The non-thesis option requires a minimum of 30 credit hours of coursework plus the completion of a research project.

Non-thesis students are required to work on a research project, the topic of which is mutually agreed upon by the student and a faculty advisor, and write a report describing their project and present their findings to an examining committee. A research is less involved than a thesis. No credit is awarded for completion of the research project.

Of the 30 credit hours required, at least 21 credit hours must be in mechanical engineering courses, of which at least 15 credit hours must be at the 500-level (which may include up to six credit hours of ME 599-Thesis). Six credit hours must be in mathematics and must be selected from a list of courses already approved by the mechanical engineering faculty. The program allows students to take one graduate-level elective course from outside the program. The elective course may be taken from any of the courses listed in the current Graduate Catalog, provided the student meets prerequisites.

All students are required to complete either ME 530-Advanced Dynamics or ME 575-Advanced Fluid Mechanics.

The mechanical engineering discipline has a close interface with civil engineering in the areas of stress analysis and elasticity, and with electrical engineering in the areas of system dynamics and control theory. Whenever possible, courses in these areas will be cross-listed to enrich the variety of course offerings for students in all programs.

The specific program of study is selected by the student and approved by the student's advisor.

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Mechanical Engineering (MS)

Combined Program

Early Entry BS and MS in Mechanical Engineering

The Department of Mechanical Engineering offers undergraduate students the opportunity to begin coursework toward the Master of Science during the senior year of their Bachelor of Science program. Students with senior-level status (at least 90 semester hours) and a cumulative GPA of 3.0 on a 4.0 scale may be admitted to the BS/MS program that allows them to earn graduate-level credit (400- and 500-level) during their senior year. An application for degree-seeking status as a graduate student must be approved by graduate admissions and the director of the mechanical engineering graduate program. A program outline must also be submitted for approval by graduate records and the director of the mechanical engineering graduate program prior to enrollment in any courses to be included as part of the master's program. Official admission to the graduate program and to status as a classified graduate student is made only after the award of the baccalaureate degree. In no case will a graduate degree be conferred before all requirements for both degrees have been completed.

Mechanical Engineering (MS)

Graduation Requirements

Students must have completed all coursework with a minimum grade of "C" and have a minimum program GPA of 3.0. Both thesis and non-thesis students are required to pass a final examination.

The final exam will include an oral presentation and defense of the thesis or project. Final examination will be conducted by an examination committee primarily on the content of the thesis or project, but may also include the subject matter of relevant courses. The examination committee will consist of a minimum of three faculty members, with at least two ME faculty members. Prior to the final oral examination, students are required to submit copies of their thesis or project to all committee members, sufficiently in advance of the exam date to allow the committee to review the material. The student must schedule the exam at least two weeks prior to the exam date. The student is responsible for informing the committee and the Graduate Program Director of the date, time, and place of the exam.

Review the graduation policy for more information.

Media Studies (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Undergraduate grade point average of 3.0 (on a 4.0 scale)
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Three letters of recommendation
- Academic History Information
- Statement of purpose

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Students with undergraduate majors in fields other than mass communications will be considered for admission, provided that their statement of purpose, as contained in the Mass Communications Department Graduate Program Application, shows the relationship between the undergraduate major and the MS program in media studies. Students lacking sufficient undergraduate preparation (as determined by the Director of Graduate Studies), will be required to take up to three prerequisite courses (nine hours) that will not count toward the graduate degree. With permission from the Director of Graduate Studies, these courses may be taken concurrently with those toward the MS degree.

Following admission, each student should make an appointment with the graduate program director for initial advisement.

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Media Studies (MS)

Curriculum

Thirty semester hours of graduate credit are required for the degree. No credit will be accepted for a C or lower in the master's program; students may retake courses one time to improve a grade.

Required courses (nine hours): MC 500, 501, 502

Electives (15 hours): selected in consultation with the student's graduate advisor. No more than six hours may be taken outside the Department of Mass Communications.

Thesis or Project (6 hours): MC 599 (Thesis) or MC 598 (Final Project) or two additional graduate courses/electives for students opting to take a comprehensive exam as an exit requirement.

Media Studies (MS)

Graduation Requirements

Students may choose one of three options as part of their exit requirement:

- Thesis
- Project
- Comprehensive exam

After the thesis, project or exam is submitted and evaluated by the student's advisory committee, the student must successfully complete an oral examination conducted by the committee. The oral examination will focus primarily on the defense of the thesis, project or exam and may also cover the student's program of study.

Review the graduation policy for more information.

Media Studies (MS)

Media Literacy

The certificate is designed for teachers of secondary education who wish to address questions of media impact in their curriculum. The certificate provides a foundation of theoretical, analytical and applied approaches to current trends in mass media. Issues covered include the emergence of new technologies; growth of multinational media conglomeration and the impact on politics; questions of race, class, gender and representation; and the effects of media violence. In addition, certificate program students can also learn and/or sharpen media production skills through elective courses. This certificate should be particularly useful for teachers of high school courses such as social studies, contemporary concerns, political science, English, media studies, etc.

Admission

Requirements are the same as the master's in media studies.

Program of Study

Core Courses (9 hours):

MC 500 Mass Communication Theory
MC 503 Media Critical Theory
MC 504 Special Topics in Mass Communication

Elective Courses (9 hours)

All other mass communications courses

No more than three semester hours can be taken in independent readings, directed research or other similar courses. No waiver of courses and/or completion requirements is permissible. Additional details and application materials can be found on the mass communications website.

Master of Science in Accountancy (MSA)

Admission Requirements

1. Graduate School application and $40 fee
2. Submission of all postsecondary academic transcripts
3. Successful completion of a bachelor's degree prior to enrollment
4. Minimum GPA of 2.50
5. Applicants for admission to the MSA program who have earned an undergraduate accounting degree from a program with AACSB accreditation and an overall GPA of 3.5 (A=4.0) will be admitted to the MSA. Applicants who qualify under this condition will not be required to take the GMAT or GRE.
6. All other applicants for admission to the MSA program must complete the GMAT or the GRE. Candidates who submit GMAT scores must have a minimum score of 500 and a score of at least 25 each on the verbal and quantitative portions of the examination.
7. Personal history information
8. International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Based on the formula where the admission score equals 200 times the undergraduate GPA (A=4.0) plus the GMAT score, admissions requires a total score of 1100. If a candidate submits GRE scores, the scores will be converted to comparable GMAT scores using the GRE Comparison Tool for Business Schools. The converted scores must meet the GMAT and formula standards outlined above.

Applicants with non-accounting undergraduate degrees can satisfy the programs prerequisite requirements by completing appropriate undergraduate prerequisite courses.

Review the SIUE Admissions Policy for more information.

Undergraduate Prerequisite Courses

Applicants can satisfy the program's prerequisite requirements by completing the following admission prerequisite courses, or their equivalent, with a GPA of 2.7 or better: ACCT 200 or 524, ACCT 301, 302, 303, 311, 312, 315, and 321. These courses do not carry credit toward the MSA. Prerequisite courses taken prior to admission to the MSA program ordinarily must have been taken within six years of the date the applicant is admitted. An MSA student undertaking prerequisite courses may be terminated from the program if the student's GPA calculated over all prerequisite courses taken at SIUE falls below 2.7 for more than one semester, the student receives a grade of less than C in any prerequisite course, or the student fails to make satisfactory progress.

Master of Science in Accountancy (MSA)

Program of Study

The MSA requires completion of 30 semester hours of coursework beyond the prerequisite courses. No more than 12 hours of 400-level coursework may apply toward elective requirements of the MSA. Specific courses, or their equivalents, used to satisfy a student's undergraduate degree requirements may not be used by that student in satisfying the program or elective requirements of the MSA. No more than six elective hours taken outside the School of Business will count toward the MSA. At the discretion of the program director, a maximum of six semester hours of elective requirements may be satisfied by transfer of credit from other institutions. For transfer credit, a grade of B or better must have been earned in the course. Ordinarily, business courses may be transferred only from institutions accredited by the Association to Advance Collegiate Schools of Business (AACSB). Courses transferred may not have been used to satisfy requirements for any other degree.

Students without an undergraduate accounting degree from an AACSB accredited school may have to complete up to 18 hours of accounting or business foundation coursework in addition to the 30 hours of graduate credit hours to complete the normal MSA program requirements. The program director will determine deficiencies and additional foundation coursework required after evaluating prior student courses completed. The evaluation will consider the area of study, grades received in those courses, the time since completion of the prior coursework, and other evidence of relevance to accounting and business knowledge. Determinations of deficiencies made by the program director are final.

Following completion of all admission requirements, the program director and advisor will design a program of study tailored to each student. The student must complete 30 credit hours of MSA program credit (which excludes all admission prerequisites and foundation coursework requirements) described as follows:

1. **Program Courses (18 hours):** ACCT 580 Accounting Research (preferably taken in the last term of study) and five courses from the following courses: ACCT 401, 421, 431, 490, 510, 531, 541, 550, 551, 553, 556, 557, 561, 565, 567, 581, 596, 597
2. **Elective Courses (12 hours):** Electives may be accounting or other SIUE School of Business graduate courses except for ACCT 524. At the discretion of the program director, up to six hours of credit may come from SIUE graduate programs outside the SIUE School of Business or from transfer credit.

To remain in good standing in the MSA program, students must maintain a 3.0 (B) GPA in all courses taken in the MSA program (excluding prerequisite courses) and in all program and approved elective courses. Students who are not in good standing for more than one semester may be terminated from the program.

Master of Science in Accountancy (MSA)

Graduation Requirements

To graduate with an MSA, students must complete all program requirements and have a 3.0 GPA in all courses taken in the MSA program (excluding prerequisite courses) and in all program courses and approved elective courses. Only program and elective courses taken within a six-year period preceding the completion of all requirements for the MSA will count toward the degree. Foundation courses taken to provide the common body of knowledge in business must be taken within an eight-year period preceding the completion of all requirements for the degree.

A significant research project resulting in a written report and a final examination based on the approved program of study are required of each student to be awarded the MSA. Both requirements will be completed as part of the requirements for ACCT 580. A satisfactory grade must be received on both the research report and final examination for completion of the degree requirements. The entire program is designed to place emphasis on critical thinking, research, and problem-solving. In ACCT 580 the student demonstrates their ability to research an issue independently, think critically and educate other professionals about an issue, its implementation and implications.

Ordinarily, the final examination will be administered as part of ACCT 580. The examination will include questions related to the students' program of study, their work in ACCT 580, and their research projects. Some parts of the final examination may be common to all students, while other parts will relate to the individual programs of study of the specific student. Examination committees will consist of the instructor of ACCT 580 and at least one other member of the Graduate Faculty of the School of Business appointed by the program director. For a student to pass the final examination, the majority of members of the examination committee must concur that the student should receive a passing grade.

Students who do not pass the MSA final examination on the first attempt will have one additional opportunity to complete the final examination. A student who fails the final examination on the second attempt will be required to complete additional coursework specified by the program director before attempting the final examination a third time. Students who do not pass the final examination after three attempts will be terminated from the program.

Review the graduation policy for more information.

Master of Science in Accountancy (MSA)

Specializations

- Business Analytics
  - Business Analytics
  - Taxation

Business Analytics

Students may opt to complete a specialization in business analytics. To complete the specialization, MSA students must complete eight graduate courses including ACCT 565, ACCT 580, and three additional ACCT courses, plus satisfy the following business analytics requirements:

- One course in Quantitative Methods (MBA 521 or ECON/FIN 515)
- One course in Information Fundamentals (ACCT 561 or ACCT 567)
- CMIS 566 – Introduction to Business Intelligence and Analytics
- One elective from the following courses: CMIS 563, CMIS 564, ECON/FIN 517, FIN 525, FIN 541, MKTG 548, MKTG 544, MKTG 562, MKTG 563, MKTG 595;
- CMIS 567 - Business Analytics Capstone (3)

Master of Science in Accountancy (MSA)

Specializations

- Taxation
  - Business Analytics
  - Taxation

Taxation

MSA students may opt to complete a specialization in taxation. To complete the tax specialization, MSA students must complete the following tax courses:

- ACCT 550 Tax Research
- ACCT 553 Taxation of Flow-Through Entities
- ACCT 556 Personal Tax Planning
- ACCT 557 Corporate Taxation

In addition to the required tax courses, students completing the tax specialization must complete the remaining MSA requirements, which include ACCT 580, at least one more accounting elective and four other accounting or non-accounting electives.

Music (MM)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Baccalaureate degree or its equivalent in music and at least a 2.8 (A=4.0) overall grade point average in undergraduate work.
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- An applicant in music education must have state certification in music
- An applicant in performance must pass an audition.
- The audition for admission to the specialization in music performance can be accomplished in one of the following ways:
  - A personal audition before a graduate auditioning committee
  - A recording of a full recital that may serve as a basis for provisional acceptance to be followed by a personal audition
  - The Senior Recital at SIUE may serve as the audition, provided the student makes application through the graduate program director in music at least three weeks prior to the recital. A student who fails to matriculate in the master's degree program within one year following the senior recital will be required to re-audition.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Entering graduate students concentrating in voice or accompanying should have completed one year each of two of the following: Italian, French and German. Deficiencies can be removed by enrolling in undergraduate foreign language classes and diction class. Language requirements do not apply to students pursuing an instrumental concentration.

Review the SIUE Admissions Policy for more information.

Music (MM)

Curriculum

The Master of Music degree program requires a minimum of 32 semester hours for completion.

Students will choose a specialization in Music Education or Performance.

Music (MM)

Graduation Requirements

A comprehensive final examination is required of all students. The examination is based on the student's program of study, and includes theory, literature and area of emphasis. The examination will be conducted and evaluated by the advisory committee. Students who fail the examination may repeat it upon recommendation of the committee.

Review the graduation policy for more information.

Music (MM)

Specialized Learning Opportunities

- Piano Pedagogy Post-Baccalaureate Certificate
  - Music Education Specialization (MM)
  - Performance Specialization (MM)
  - Piano Pedagogy Post-Baccalaureate Certificate
  - Vocal Pedagogy Post-Baccalaureate Certificate

Piano Pedagogy Post-Baccalaureate Certificate

The Post-Baccalaureate Certificate in piano pedagogy is designed for piano teachers who wish to advance their skills in performance, pedagogy, literature, and theory. Students who complete the certificate may apply the coursework (except MUS 440 and 500A) toward a Master's in piano performance if accepted into that program.

Admission

An applicant for admission to the certificate program is expected to have a baccalaureate degree or its equivalent in music and at least a 2.5 (A=4.0) overall grade point average in undergraduate coursework and must complete a successful audition for applied piano placement.

Program of Study

Post-Baccalaureate Certificate in Piano Pedagogy (18-20 hours):

Required Courses (16 hours)

> Piano Pedagogy - 561a, 561b (6 hours)
> Seminar in Materials and Techniques - 553c (2 hours)
> Applied Piano - 440k or 540k (4 hours)
> Piano Literature - 513a, 513b (4 hours)

Electives (Select 2-4 hours)

> Counterpoint - 442 (3 hours)
> Applied Theory Ear Training - 530 (2 hours)
> Graduate Music Theory Review - 500a (2 hours)
> Applied Piano - 440k or 540k (2 hours)

Exit Requirements

Students must maintain a GPA of 3.0 and complete the course requirements within four (4) calendar years.

Music (MM)

Specialized Learning Opportunities

- Music Education Specialization (MM)
  - Music Education Specialization (MM)
  - Performance Specialization (MM)
  - Piano Pedagogy Post-Baccalaureate Certificate
  - Vocal Pedagogy Post-Baccalaureate Certificate

Music Education

Required courses in music (4 hours): MUS 501, 502

Required courses in music education (12 hours): MUS 520, 525, 530, 535, and 560
Instrumentalists must also complete MUS 415
Vocalists must complete MUS 519a

Electives in Music Education and Pedagogy (6 hours): Students may substitute up to four semester hours of graduate courses in education if, prior to electing these courses, they submit a written request to the Director of Music Education and obtain approval.

General Music Electives (6 hours): At least one elective in music theory, music history, and ensemble/applied instruction. Students completing the recital with supporting paper must complete a minimum of four semester hours of private applied instruction (MUS 540 or 541) in addition to MUS 591.

Thesis or Graduate Recital with Supporting Paper (4 hours): MUS 599 or MUS 591

These scholarly projects come at the end of graduate study and demonstrate the graduate student's ability to produce an original research document of merit. Most degree candidates complete a thesis, but students desiring to perform a recital and write a supporting paper instead of the thesis may do so with approval from the Director of Music Education, the applied instructor, and the audition committee.

Like the thesis, the supporting paper must be relevant to music education. This paper may focus on issues such as pedagogical implications of the instrument's construction and capabilities, principally as these relate to the recital repertoire; the history and structure of the recital repertoire; particularly as these relate to performance and instruction; and other factors pertaining to teaching, learning, and performing on the instrument.

Career Outlook

A master's degree in music education is uniquely suited for careers in post secondary education. According to the U.S. Bureau of Labor Statistics (BLS), demand for professors is high in educational and musical disciplines where career opportunities can be more lucrative than teaching the master's degree program itself. In addition to teaching, music education graduates find work as music historians, music directors, performers and composers.

SIUE's Career Development Center maintains strong connections with regional and national education associations to help students explore employment options upon graduation.

Music (MM)

Specialized Learning Opportunities

- Performance Specialization (MM)
    - Music Education Specialization (MM)
    - Performance Specialization (MM)
    - Piano Pedagogy Post-Baccalaureate Certificate
    - Vocal Pedagogy Post-Baccalaureate Certificate

Performance

Required courses in music (4 hours): MUS 501, 502

In addition to the required courses in music, the program of study includes eight hours in the principal area of performance and two to six hours in music history and literature. Students pursuing a piano performance concentration must take at least four hours of MUS 565 (Advanced Piano Ensemble-Accompanying and Chamber Music). Students pursuing a jazz performance concentration must take at least four hours of MUS 566 (Instrumental Ensemble) and MUS 509 Advanced Jazz Arranging/Composition (two hours). Students pursuing voice, choral conducting, and piano majors following the chamber music/accompanying option must take MUS 539 Advanced Diction (two hours). Additionally, choral conducting students must take four credit hours of MUS 540Q Applied Voice.

Electives: Up to four hours in the principal applied area and, with approval of the graduate advisor, may include courses outside the field of music to a total of six hours. Additional elective hours as needed to complete the minimum program requirement of 32 hours.

Graduate Recital (1 to 4 hours): MUS 590

Accompanying majors will perform three recitals of ensemble music, including both vocal and instrumental repertoire.

Career Outlook

Competition in the music industry is keen. The U.S. Bureau of Labor Statistics predicts job prospects to grow by eight percent over the next eight years. Talented individuals who are skilled in multiple instruments and musical styles will have the best job prospects. The growth of the Internet and other new forms of media may provide independent musicians and singers with alternative methods for distributing their music and making a profit. The BLS predicts graduates who wish to teach music will find a competitive but healthy job market.

SIUE's Career Development Center maintains strong connections with regional and national education associations to help students explore employment options upon graduation.

Music (MM)

Specialized Learning Opportunities

- Vocal Pedagogy Post-Baccalaureate Certificate
  - Music Education Specialization (MM)
  - Performance Specialization (MM)
  - Piano Pedagogy Post-Baccalaureate Certificate
  - Vocal Pedagogy Post-Baccalaureate Certificate

Vocal Pedagogy Post-Baccalaureate Certificate

The Post-Baccalaureate Certificate in vocal pedagogy is designed for voice teachers who wish to advance their skills in pedagogy and literature. Students who complete the certificate may apply the coursework (except MUS 440 and 500A) toward a Master's in vocal performance if accepted into that program.

Admission

An applicant for admission to the certificate program is expected to have a baccalaureate degree or its equivalent in music and at least a 2.5 (A=4.0) overall grade point average in undergraduate coursework and must complete a successful audition for voice placement.

Program of Study

Post-Baccalaureate Certificate in Vocal Pedagogy (18-20 hours):

Required Courses (14 hours)

    Vocal Pedagogy - 519a, 519b (4 hours)
    Vocal Literature - 511f (2 hours)
    Applied Voice - 440q or 540q (4 hours)
    Advanced Diction - 539 (2 hours)
    Practicum in Vocal Pedagogy - 593 (2 hours)

Electives (Select 4-6 hours)

    Applied Voice - 440q or 540q (2-4 hours)
    Graduate Music History Review - 500b (2 hours)
    Applied Theory and Ear Training - 530 (2 hours)

Exit Requirements

Students must maintain a GPA of 3.0 and complete the course requirements within four (4) calendar years.

Nurse Anesthesia

Application Requirements

- Submission of Graduate School application and $40 university application fee prior to the established deadline.
- A degree in nursing from a CCNE, NLNAC or ACEN accredited program. Graduates from non-NLNAC, CCNE or ACEN accredited programs may be evaluated on an individual basis. Please contact the School of Nursing for more information.
- An unencumbered license as a registered professional nurse and/or an advanced practice registered nurse (APRN) in the United States or its territories or protectorates.
- Submission of all post-secondary academic transcripts.
- Minimum undergraduate nursing grade point average (GPA) of 3.0 on a 4.0 scale.
- Submission of a resume or curriculum vitae (CV) that includes a description of all work experience, certifications/licensures, degrees, scholarship activities (research, quality improvement projects, publications, etc.), awards, and community service.
- Submission of a personal statement.
  - Suggested topic: Some students have a background, identity, interest or talent that is so meaningful they believe their application would be incomplete without it. If this sounds like you, then please share your story.
  Submission of three professional reference forms.
  - One must be from the supervisor of your most recent critical care setting.
  - One must be from a nurse holding a graduate degree in nursing or a related field.

Admission and Enrollment Requirements

- Successful completion of an applicant interview (invitation only).
- Bachelor of Science or graduate degree in nursing from a CCNE, NLNAC or ACEN accredited program prior to program enrollment*. Graduates from non-NLNAC, CCNE or ACEN accredited programs may be evaluated on an individual basis. Please contact the School of Nursing for more information.
- An unencumbered license as a registered professional nurse and/or an APRN in the United States or its territories or protectorates.
  - Unencumbered Illinois nursing license required prior to enrollment* in the nurse anesthesia educational program.
  - Residents of non-compact states:
    - Unencumbered Missouri nursing license required prior to enrollment* in the nurse anesthesia educational program.
  - Residents of compact states:
    - Unencumbered Nurse Licensure Compact (NLC) license required prior to enrollment* in the nurse anesthesia educational program. Should residence change to a non-compact state following enrollment, an unencumbered Missouri nursing license must be obtained.
- A minimum of one year of recent full-time work experience, or its part-time equivalent (1,876 hours), as a registered nurse in a critical care setting prior to enrollment* in the nurse anesthesia educational program.
  - Critical care experience must be obtained in a critical care area within the United States, its territories or a U.S. military hospital.
  - A critical care area is defined as one where, on a routine basis, the registered professional nurse manages one or more of the following: invasive hemodynamic monitors (e.g., pulmonary artery, central venous pressure, and arterial catheters), cardiac assist devices, mechanical ventilation, and vasoactive infusions.
- Successful completion of the following undergraduate course prerequisites with a B or better prior to enrollment* in the nurse anesthesia educational program:
  - Physics (minimum 3 credit hours; no lab required)**
  - Organic chemistry, biochemistry, or organic and biochemistry for health professionals (minimum 3 credit hours; no lab required)**
- Successful completion of an undergraduate statistics course with a grade of C or better
- Successful completion of a drug screen and a criminal background check, as specified by the School of Nursing, to be performed prior to enrollment* in the nurse anesthesia educational program.

* Program enrollment – date defined in the acceptance letter but generally two weeks prior to the initiation of the summer term each May.

** The School of Nursing offers a one credit hour refresher course in physics and in organic and biochemistry. Please inquire for more details.

Preferred Applicant Benchmarks

Applicants not meeting the preferred benchmarks may be considered less competitive.

- Two or more years of current full-time work experience as a registered nurse in a high acuity adult intensive care unit (ICU) is preferred prior to enrollment* in the nurse anesthesia educational program.
- An undergraduate nursing GPA of 3.5 on a 4.0 scale is preferred.
- An undergraduate science GPA of 3.25 on a 4.0 scale is preferred.
- An overall undergraduate GPA of 3.5 on a 4.0 scale in preferred.
- The completion of graduate nursing coursework (physiology – 4 credit hours, pathophysiology – 3 credit hours, or pharmacology – 3 credit hours) from a CCNE, NLNAC or ACEN accredited program as an undeclared graduate student is suggested for candidates with less competitive GPAs as defined above (contact graduate advisor for additional details).
- A CCRN or TCRN certification is not required but highly recommended.
- A demonstrated history of experience in leadership roles, service to the community, and participation in scholarly activities or quality improvement projects is preferred.

Application Deadline

The application deadline is **May 1** for the class entering in the following May. Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions Office with questions regarding the application submission process at graduateadmissions@siue.edu.

The program generally interviews candidates in July and admits them to the School of Nursing with notification in August to enroll in May of the following year. Once accepted, a non-refundable advance deposit fee of $1,000 is required to secure a seat in the nurse anesthesia cohort (applied towards future tuition). Payment is due within two weeks of admission to the School of Nursing to validate the candidate's commitment to enroll in the program.

Applicants may follow up with the graduate nursing advisor at 618-650-3930 for additional questions or to check on the status of an application.

Transfer Credits

The SIUE nurse anesthesia program may allow incoming students to transfer a maximum of 15 credits of prior coursework. All such work must be approved by the assistant dean of graduate programs in the School of Nursing. Credit is granted only for courses bearing a grade of B or better. Except where stated herein, the SIUE nurse anesthesia program follows all other policies and procedures of SIUE as described in policy 1J6 and on the graduate student records website.

If an applicant has previously been enrolled in a nurse anesthesia program, he/she can apply; however, the applicant must disclose any prior program enrollment during the application process by submitting a formal letter to the program director.

Admitted Students

Graduate students admitted to the School of Nursing may take up to four classes or 15 credit hours as an unclassified graduate nursing student at SIUE prior to enrolling in the full-time nurse anesthesia specialization. Successful completion of coursework with a B or better will be applied towards the degree program. The following classes may be available to take as an unclassified graduate student:

- Fall Semester
  - (3) NURS 516 Pharmacology for Advanced Nursing Practice
  - (3) NURS 564 Chemistry and Physics Applied to Nurse Anesthesia
  - (3) NURS 600 Theory Guided Practice

- ○ (3) NURS 604 Evaluating Evidence for Improving Practice/Healthcare Outcomes
- ○ (3) NURS 606 Leadership and Health Policy for Advanced Nursing Practice
- Spring Semester
  - ○ (3) NURS 604 Evaluating Evidence for Improving Practice/Healthcare Outcomes
  - ○ (3) NURS 606 Leadership and Health Policy for Advanced Nursing Practice
- Summer Semester
  - ○ (4) NURS 514 Advanced Human Physiology
  - ○ (4) NURS 515 Advanced Human Pathophysiology
  - ○ (3) NURS 604 Evaluating Evidence for Improving Practice/Healthcare Outcomes
  - ○ (3) NURS 606 Leadership and Health Policy for Advanced Nursing Practice

International Students

The SIUE International Student and Scholar Services Office is the key liaison to the U.S. Citizenship and Immigration Services (USCIS) and provides necessary up-to-date immigration information so you can responsibly maintain your legal status in the U.S. and at SIUE. Additional information and resources for international students can be found on the International Student and Scholar Services website.

Nurse Anesthesia

Sample Curriculum (subject to change)

Year 1 (Summer Semester)

(4) NURS 514 Advanced Human Physiology
(4) NURS 515 Advanced Human Pathophysiology
(3) PAPA 561 Biostatistics/Epidemiology
11 - Total Credits

Year 1 (Fall Semester)

(3) NURS 516 Pharmacology for Advanced Nursing Practice
(3) NURS 600 Theory Guided Practice
(3) NURS 564 Chemistry and Physics Applied to Anesthesia
(3) NURS 606 Leadership and Health Policy for Advanced Nursing Practice
12 - Total Credits

Year 1 (Spring Semester)

(3) NURS 604 Evaluating Evidence for Improving Practice/Healthcare Outcomes
(3) NURS 513 Advanced Health Assessment & Practicum
(5) NURS 529 Orientation to Nurse Anesthesia Practicum
(3) NURS 563 Pharmacology Related to Anesthesia
14 - Total Credits

Year 2 (Summer Semester)

(5) NURS 565a Theoretical Foundations of Nurse Anesthesia I
(1) NURS 565b Clinical Practicum in Nurse Anesthesia I
(1) NURS 695a Introduction to DNP Projects
7 - Total Credits

Year 2 (Fall Semester)

(5) NURS 566a Theoretical Foundations of Nurse Anesthesia II
(2) NURS 566b Clinical Practicum in Nurse Anesthesia II
(1) NURS 697a Doctoral Project Design and Management I
8 - Total Credits

Year 2 (Spring Semester)

(5) NURS 567a Theoretical Foundations of Nurse Anesthesia III
(2) NURS 567b Clinical Practicum in Nurse Anesthesia III
(1) NURS 697b Doctoral Project Design and Management II

8 - Total Credits

Year 3 (Summer Semester)

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(3) NURS 560 Ethical, Legal & Systemic Issues in Anesthesia Practice
(1) NURS 670a Clinical Leadership in Anesthesia Seminar
(1) NURS 670b Clinical Leadership in Anesthesia Practicum
(3) NURS 697c Doctoral Project Design and Management III
8 - Total Credits

Year 3 (Fall Semester)

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(3) NURS 668a Clinical Correlations & Innovations in Anesthesia Practice I
(2) NURS 668b Clinical Practicum in Nurse Anesthesia IV
(1) NURS 697d Doctoral Project Design & Management IV
6 - Total Credits

Year 3 (Spring Semester)

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(3) NURS 669a Clinical Correlations & Innovations in Anesthesia Practice II
(2) NURS 669b Clinical Practicum in Nurse Anesthesia V
(1) NURS 697e Doctoral Project Design & Management V
6 - Total Credits

Total Hours 80

School of Nursing Retention Policy

Scholarship appropriate for students in a School of Nursing graduate program is demonstrated through satisfactory completion of course work, defined as obtaining a course grade of A or B. Students who obtain a course grade of D or F in a graduate nursing specialization are withdrawn from the graduate program without the option of repeating the course. Students may only earn one course grade of C and stay enrolled in graduate nursing programs. If a second course grade of C is earned, students are automatically removed from the graduate nursing program, regardless of the cumulative GPA. Repeating a course in which there is originally a grade of C does not eliminate the original course grade of C from being applied toward this exclusion policy.

Nurse Anesthesia

Graduation Requirements

Doctoral students in the School of Nursing's Nurse Anesthesia option must complete all courses with a GPA of 3.0/4.0, which includes successful completion of all clinical practicum experiences. Nurse anesthesia students must also successfully complete a DNP project.

Nursing - Nurse Educator (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

School of Nursing admission decision for Post-Licensure Applicants are based upon the following:

- Professional experience, goals statement, and three (3) reference forms (one (1) of which should be from your current manager and two (2) others preferably from nurses holding a graduate degree in nursing or a related field).
- Bachelor of Science in nursing from a CCNE or NLNAC accredited program. (Graduates from non-NLNAC or CCNE accredited programs will be considered under certain circumstances. Please contact the School of Nursing for more information.)
  - Students in the RN to BS in nursing completion program may apply to the graduate program when they have less than 32 hours remaining in their BS in nursing studies and following completion of NURS 335R, but prior to taking NURS 472R. Continuation of enrollment in the graduate program is contingent on successful completion of SIUE's Bachelor of Science in nursing.
- Current unencumbered RN licenses in the state where you plan to complete your practicum experience. Due to the required clinical assignments, nurse anesthesia students must posess unencumbered Illinois and Missouri RN licenses.
  - Please note that if you live anywhere in or around the St. Louis metro area, we strongly encourage you to hold an active Illinois and Missouri license.
- Minimum undergraduate (graduate for post-master's applicants) nursing GPA of 3.0 on a 4.0 scale.
  - Direct entry Master's students must maintain a nursing GPA of 3.0 throughout their BS in nursing coursework. Grades earned in graduate course work are subject to graduate program requirements.
- Preferred minimum undergraduate (graduate for post-master's applicants) science GPA of 3.0 on a 4.0 scale.
- Preferred minimum overall undergraduate (graduate for post-master's applicants) GPA of 3.0 on a 4.0 scale.
- Evidence of completion of an undergraduate statistics course with a grade of C or better.
- Completion of a minimum of 1872 hours of professional nursing practice experience prior to enrollment in the first specialization clinical course.
- Successful completion of a drug screen and a criminal background check, as specified by the School of Nursing, to be performed after initial acceptance to the program.

School of Nursing admission decisions for Pre-Licensure Applicants are based upon the following:

- Admission to SIUE's undergraduate nursing program.
  - Students who qualify and are accepted into SIUE's Accelerated Bachelor of Science (ABS) in nursing option may apply for direct entry into our Master's program. Application to the graduate school should be made simultaneously with the ABS application.
  - Students who are in SIUE's traditional nursing program may apply for direct entry into our Master's program. Application to the graduate school should be made when less than 32 hours remain in the BS in nursing studies and at least one semester prior to taking NURS 472.
- Self-Reflection statement and two references.
  - References submitted by ABS students for the ABS program will also count for the graduate program. For traditional nursing students, references from SIUE nursing faculty are required.
- Upon graduation from the traditional or ABS option, students must successfully pass the NCLEX-RN and obtain an unencumbered RN license in the state where they plan to complete their graduate practicum experience.
  - Please note that if you live anywhere in or around the St. Louis metro area, we strongly encourage you to hold an active Illinois and Missouri license.
- Students must have a minimum undergraduate nursing GPA of 3.0 on a 4.0 scale.
  - ABS students must meet the GPA admission requirements of the ABS program.

- Direct entry Master's students must maintain a nursing GPA of at least 3.0 throughout their BS in nursing coursework. Grades earned in graduate course work are subject to graduate program requirements.
- Preferred minimum undergraduate science GPA of 3.0 on a 4.0 scale.
- Preferred minimum overall undergraduate GPA of 3.0 on a 4.0 scale.
- Evidence of completion of an undergraduate statistics course with a grade of C or better.
- Completion of a minimum of 1872 hours of professional nursing practice experience as a Registered Nurse prior to enrollment in the first specialization clinical course. A SIUE SON employment validation form completed by your nursing manager will be required. Please contact the graduate advisor to discuss when your first specialization clinical course will occur. If student does not obtain the required year of experience, the School of Nursing reserves the right to drop the student or delay their progression until the requirement is met.
- Successful completion of a drug screen and a criminal background check, as specified by the School of Nursing, to be performed after initial acceptance to the program.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants may follow up with the graduate nursing advisor to check on status of the application.

Application Deadline

The priority application deadline is February 1 for summer applicants, June 1 for fall applicants, and November 1 for spring applicants.

Nursing - Nurse Educator (MS)

Program of Study

The program for the Master of Science in nursing consists of 33 semester hours for Nurse Educator.

Year 1 (Fall Semester)

(3) NURS 500 Theoretical Foundations of Nursing
(3) PAPA 561 Biostats/Epidemiology
 6 - Total Credits

Year 1 (Spring Semester)

(3) NURS 604 Evaluating Evidence for Improving Practice & Healthcare Outcomes
(3) NURS 606 Leadership and Health Policy for Advanced Nursing Practice
 6 - Total Credits

Year 1 (Summer Semester)

(3) NURS 580 Teaching and Learning Theory, Development and Socialization in Nursing Education

Year 2 (Fall Semester)

(3) NURS 581 Curriculum Theory, Design & Program Evaluation in Nursing Education
(3) NURS 516 Advanced Pharmacology
 6 - Total Credits

Year 2 (Spring Semester)

(3) NURS 518 Advanced Pathophysiology for Nurse Educators
(3) NURS 582 Instructional Design, Assessment & Evaluation for Nursing Education (2 hours didactic, 1 hour practicum)
 6 - Total Credits

Year 2 (Summer Semester)

(3) NURS 586 Advanced Specialty Nursing Practice for Nurse Educators: Seminar (2 hours didactic, 1 hour practicum)

Year 3 (Fall Semester)

(3) NURS 585 Nurse Educator Role Synthesis (2 hours didactic, 1 hour practicum) Completion of Terminal Project

Total Hours 33

Retention

Scholarship appropriate for students in a School of Nursing graduate program is demonstrated through satisfactory completion of coursework, defined as obtaining a course grade of "A" or "B." The following retention policy applies specifically to all graduate nursing courses with the NURS prefix for degrees conferred by the School of Nursing:

1. Students who obtain a course grade of "D" or "F" in a graduate nursing specialization are withdrawn from the graduate program without the option of repeating the course.
2. Students may only earn one course grade of "C" and stay enrolled in graduate nursing programs. If a second course grade of "C" is earned, students will no longer be allowed to progress in the graduate nursing program, regardless of the cumulative GPA. Repeating a course in which there is originally a grade of "C" does not eliminate the original course grade of "C" from being applied toward this exclusion policy.
3. Per the SIUE Graduate School policy, all students must have a GPA of 3.0 or higher to graduate.

For more information on the SIUE Graduate School Retention Policies, please refer to the Graduate Handbook.

Nursing - Nurse Educator (MS)

Graduation Requirements

Master's Terminal Project (Master's and Post-Master's Students)

Master's students in the School of Nursing demonstrate synthesis of their course work, practicum experiences, and attainment of the master's student outcomes by creating a rigorous, scholarly, evidence-based project that incorporates a broad review of the literature from nursing and related fields, and present the project orally to students and faculty, during the final synthesis course for the program.

Review the graduation policy for more information.

Nursing - Nurse Educator (MS)

Nurse Educator Post-Master's Certificate

Post-Master's Certificate: Nurse Educator (variable, 12-33 semester hours*)

*The 12 hours of core courses and the nine hours of advanced practice core courses must either have been completed in the master's degree program or may be taken in the certificate program.

Specialization courses: NURS 580, 581, 582, 585, and 586.

Terminal project.

Course work in this specialization prepares the student with the theory preparation for the national certification examination.

Retention

Scholarship appropriate for students in a School of Nursing graduate program is demonstrated through satisfactory completion of course work, defined as obtaining a course grade of "A" or "B." Students who obtain a course grade of "D" or "F" in a graduate nursing specialization are withdrawn from the graduate program <u>without</u> the option of repeating the course. Students may only earn one course grade of "C" and stay enrolled in graduate nursing programs. If a second course grade of "C" is earned, students are automatically removed from the graduate nursing program, regardless of the cumulative GPA. Repeating a course in which there is originally a grade of "C" does not eliminate the original course grade of "C" from being applied toward this exclusion policy.

Exit Requirements

Master's Terminal Project (Master's and Post-Master's Students)

Master's students in the School of Nursing demonstrate synthesis of their course work, practicum experiences, and attainment of the master's student outcomes by creating a rigorous, scholarly, evidence-based project that incorporates a broad review of the literature from nursing and related fields, and present the project orally to students and faculty, during the final synthesis course for the specialization.

Gainful Employment Disclosure

Nursing - Healthcare and Nursing Administration (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

School of Nursing admission decision for Post-Licensure Applicants are based upon the following:

- Professional experience, goals statement, and three (3) reference forms (one (1) of which should be from your current manager and two (2) others preferably from nurses holding a graduate degree in nursing or a related field).
- Bachelor of Science in nursing (Master of Science in nursing for post-master's applicants) from a CCNE or NLNAC accredited program. (Graduates from non-NLNAC or CCNE accredited programs will be considered under certain circumstances. Please contact the School of Nursing for more information.)
  - Students in the RN to BS in nursing completion program may apply to the graduate program when they have less than 32 hours remaining in their BS in nursing studies and following completion of NURS 335R, but prior to taking NURS 472R.
- Current unencumbered RN licenses in the state where you plan to complete your practicum experience.
  - Please note that if you live anywhere in or around the St. Louis metro area, we strongly encourage you to hold an active Illinois and Missouri license.
- Minimum undergraduate (graduate for post-master's applicants) nursing GPA of 3.0 on a 4.0 scale.
  - Direct entry Master's students must maintain a nursing GPA of 3.0 throughout their BS in nursing coursework. Grades earned in graduate course work are subject to graduate program requirements.
- Preferred minimum undergraduate (graduate for post-master's applicants) science GPA of 3.0 on a 4.0 scale.
- Preferred minimum overall undergraduate(graduate for post-master's applicants) GPA of 3.0 on a 4.0 scale.
- Evidence of completion of an undergraduate statistics course with a grade of C or better.
- Completion of a minimum of 1872 hours of professional nursing practice experience prior to enrollment in the first specialization clinical course.
- Successful completion of a drug screen and a criminal background check, as specified by the School of Nursing, to be performed after initial acceptance to the program.

School of Nursing admission decisions for Pre-Licensure Applicants are based upon the following:

- Admission to SIUE's undergraduate nursing program.
  - Students who qualify and are accepted into SIUE's Accelerated Bachelor of Science (ABS) in nursing option may apply for direct entry into our Master's program. Application to the graduate school should be made simultaneously with the ABS application.
  - Students who are in SIUE's traditional nursing program may apply for direct entry into our Master's program. Application to the graduate school should be made when less than 32 hours remain in the BS in nursing studies and at least one semester prior to taking NURS 472.
- Self-Reflection statement and two references.
  - References submitted by ABS students for the ABS program will also count for the graduate program. For traditional nursing students, references from SIUE nursing faculty are required.
- Upon graduation from the traditional or ABS option, students must successfully pass the NCLEX-RN and obtain an unencumbered RN license in the state where they plan to complete their graduate practicum experience.
  - Please note that if you live anywhere in or around the St. Louis metro area, we strongly encourage you to hold an active Illinois and Missouri license.
- Students must have a minimum undergraduate nursing GPA of 3.0 on a 4.0 scale.
  - ABS students must meet the GPA admission requirements of the ABS program.
  - Direct entry Master's students must maintain a nursing GPA of at least 3.0 throughout their BS in nursing coursework. Grades earned in graduate course work are subject to graduate program requirements.

- Preferred minimum undergraduate science GPA of 3.0 on a 4.0 scale.
- Preferred minimum overall undergraduate GPA of 3.0 on a 4.0 scale.
- Evidence of completion of an undergraduate statistics course with a grade of C or better.
- Completion of a minimum of 1872 hours of professional nursing practice experience as a Registered Nurse prior to enrollment in the first specialization clinical course. A SIUE SON employment validation form completed by your nursing manager will be required. Please contact the graduate advisor to discuss when your first specialization clinical course will occur. If student does not obtain the required year of experience, the School of Nursing reserves the right to drop the student or delay their progression until the requirement is met.
- Successful completion of a drug screen and a criminal background check, as specified by the School of Nursing, to be performed after initial acceptance to the program.

Applicants may follow up with the graduate nursing advisor to check on status of the application. Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Application Deadline

The priority application deadline is February 1 for summer applicants, June 1 for fall applicants, and November 1 for spring applicants.

Nursing - Healthcare and Nursing Administration (MS)

Program of Study

The program for the Master of Science in nursing consists of 33 semester hours for Healthcare and Nursing Administration.

Year 1 (Fall)

(3) NURS 500 Theoretical Foundations of Nursing
(3) PAPA 561 Biostatistics/Epidemiology
 6 - Total Credits

Year 1 (Spring)

(3) NURS 604 Evaluating Evidence for Improving Practice & Healthcare Outcomes
(3) NURS 606 Leadership and Health Policy for Advanced Nursing Practice
 6 - Total Credits

Year 1 (Summer)

(3) NURS 510 Health Care Informatics

Year 2 (Fall)

(3) NURS 590 Organizational Behavioral and Leadership for Nurse Executives (2.5 credits didactic, .5 credit practicum)
(3) NURS 592 Healthcare Finance and Budgeting (2.5 credits didactic, .5 credit practicum)
 6 - Total Credits

Year 2 (Spring)

(3) NURS 556 Quality and Safety for Nurse Executives (2 credits didactic, 1 credit practicum)
(3) NURS 593 Management of Human Resources in Health Care
 6 - Total Credits

Year 2 (Summer)

(3) NURS 558 Nurse Executive Leadership I (2.5 credits didactic, .5 credit practicum - Begin project)

Year 3 (Fall)

(3) NURS 594 Nurse Executive Leadership II (2 credits didactic, 1 credit practicum - Complete project)

Total Hours 33

Retention

Scholarship appropriate for students in a School of Nursing graduate program is demonstrated through satisfactory completion of course work, defined as obtaining a course grade of "A" or "B." The following retention policy applies specifically to all graduate nursing courses with the NURS prefix for degres conferred by the School of Nursing:

1. Students who obtain a course grade of "D" or "F" in a graduate nursing specialization are withdrawn from the graduate program without the option of repeating the course.
2. Students may only earn one course grade of "C" and stay enrolled in graduate nursing programs. If a second course grade of "C" is earned, students will no longer be allowed to progress in the graduate nursing program, regardless of the cumulative GPA. Repeating a course in which there is originally a grade of "C" does not eliminate the original course grade of "C" from being applied toward this exclusion policy.
3. Per university SIUE Graduate School policy, all students must have a GPA of 3.0 or higher to graduate.

For more information on the SIUE Graduate School Retention Policies, please refer to the Graduate Handbook.

Nursing - Healthcare and Nursing Administration (MS)

Graduation Requirements

Master's Terminal Project (Master's and Post-Master's Students)

Master's students in the School of Nursing demonstrate synthesis of their course work, practicum experiences, and attainment of the master's student outcomes by creating a rigorous, scholarly, evidence-based project that incorporates a broad review of the literature from nursing and related fields, and present the project orally to students and faculty, during the final synthesis course for the specialization.

Review the graduation policy for more information.

Nursing - Healthcare and Nursing Administration (MS)

Healthcare and Nursing Administration Post-Master's Certificate

Post Master's Certificate: Healthcare and Nursing Administration (variable, 21 to 33 semester hrs.*)

*The 12 hours of Core Courses must either have been completed in the master's degree program or may be taken in the certificate program.

Specialization Courses (21 hours): NURS 510, 556, 558, 590, 592, 593, and 594

Terminal Project

Course work in this specialization prepares the student with the theory preparation for the national certification examination.

Retention

Scholarship appropriate for students in a School of Nursing graduate program is demonstrated through satisfactory completion of course work, defined as obtaining a course grade of "A" or "B." Students who obtain a course grade of "D" or "F" in a graduate nursing specialization are withdrawn from the graduate program without the option of repeating the course. Students may only earn one course grade of "C" and stay enrolled in graduate nursing programs. If a second course grade of "C" is earned, students are automatically removed from the graduate nursing program, regardless of their cumulative GPA. Repeating a course in which there is originally a grade of "C" does not eliminate the original course grade of "C from being applied toward this exclusion policy.

Exit Requirements

Master's Terminal Project (Master's and Post-Master's Students)

Master's students in the School of Nursing demonstrate synthesis of their course work, practicum experiences, and attainment of the master's student outcomes by creating a rigorous, scholarly, evidence-based project that incorporates a broad review of the literature from nursing and related fields, and present the project orally to students and faculty, during the final synthesis course for the specialization.

Gainful Employment Disclosure

Nutrition and Dietetics (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's prior to enrollment
- Applicants must have an undergraduate grade point average of at least 3.0 (A=4.0) to be considered for admittance into the program.
- For international students, a minimum total internet-based TOEFL score of 100 is required to be considered for admission. International applicants *whose native language is not English* must demonstrate English language proficiency as outlined by International Student Admissions.
- Resume
- Personal statement about your career goals and motivation for becoming a registered dietitian. In fewer than 800 words, address the following questions:
    - Why do you want to enter the dietetics profession?
    - What experiences have helped to prepare you for your career in dietetics?
    - What are your short-term and long-term goals?
    - What are your strengths and weaknesses or areas in need of improvement?
    - What other information do you consider important for the selection decision?
- An interview (in-person or via video call) by the Selection Committee may be requested

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Admission may be granted to applicants who have a bachelor's degree and meet the aforementioned criteria, although any prerequisites necessary to study in a particular specialization are at the discretion of the program advisor.

Students are eligible to apply for the nutrition and dietetics program if they have met the following prerequisites:

- English Composition I and II
- Anatomy and Physiology*: Two semesters of anatomy and physiology with lab
- Microbiology or Bacteriology*: One course with laboratory
- General Chemistry*: One course with laboratory
- Organic Chemistry*: One course, no lab required
- Mathematics: One course in college algebra or higher
- Psychology: One course in introductory psychology or human behavior
- Foods*: Food Service Management or equivalent and a general food studies course with lab
- Nutrition*: Human nutrition course

*Science and nutrition courses should be taken within five years of starting the program and students must have earned a grade of C or better.

Application Deadline

Application deadline is Feb 1 with decisions announced by April 1 for admission in the fall semester. Late applications will be processed on a space available basis.

Nutrition and Dietetics (MS)

Curriculum

Year 1 (Fall Semester)

(1) Intro to Professional Practice
(3) NUTR 507 Intro to Nutrition Care
(1) NUTR 507P Intro to Nutrition Care Supervised Practice
(2) NUTR 508 Nutrition Entrepreneurship
(3) NUTR 513 Advanced Sport and Exercise Nutrition
(3) KIN 509 Research Methods in Kinesiology
13 - Total Credits

Year 1 (Spring Semester)

(3) NUTR 510 Advanced Food Service Management
(1) NUTR 510P Advanced Food Service Management Supervised Practice
(2) NUTR 511 Medical Nutrition Therapy 1
(3) NUTR 511P Medical Nutrition Therapy 1 Supervised Practice
(3) NUTR 521 Community Nutrition
(2) NUTR 521P Community Nutrition 1 Supervised Practice
14 - Total Credits

Year 1 (Summer)

(1) NUTR 522P Community Nutrition 2 Supervised Practice
(2) NUTR 512 Medical Nutrition Therapy 2
(3) NUTR 512P Medical Nutrition Therapy 2 Supervised Practice
(3) KIN 517 Pathophysiology and Treatment of Obesity
9 - Total Credits

Year 2 (Fall Semester)

(8) NUTR 531P Advanced Nutrition Practicum 1
(3) KIN 512 Advanced Exercise Physiology
11 - Total Credits

Year 2 (Spring Semester)

(8) NUTR 532P Advanced Nutrition Practicum 2
(2) NUTR 535 Nutrition Seminar
(3) KIN 516 Advanced Cardiovascular and Respiratory Physiology
13 - Total Credits

Nutrition and Dietetics (60 hours)

Core Courses (48 hours)

NUTR 505 Introduction to Professional Practice (1)
NUTR 507 Introduction to Nutrition Care (3)
NUTR 507P Introduction to Nutrition Care Supervised Practice (1)
NUTR 508 Nutrition Entrepreneurship (2)
KIN 509 Research Methods in Kinesiology (3)
NUTR 510 Advanced Food Service Management (3)
NUTR 510P Advanced Food Service Management Supervised Practice (1)
NUTR 511 Medical Nutrition Therapy 1 (2)
NUTR 511P Medical Nutrition Therapy 1 Supervised Practice (3)
NUTR 512 Medical Nutrition Therapy 2 (2)
NUTR 512P Medical Nutrition Therapy 2 Supervised Practice (3)
NUTR 521 Community Nutrition (3)
NUTR 521P Community Nutrition 1 Supervised Practice (2)
NUTR 522P Community Nutrition 2 Supervised Practice (1)
NUTR 531P Advanced Nutrition Practicum 1 (8)
NUTR 532P Advanced Nutrition Practicum 2 (8)
NUTR 535 Nutrition Seminar (3)

Specialization Courses (12 hours)

KIN 512 Advanced Exercise Physiology (3)
NUTR 513 Advanced Sport and Exercise Nutrition (3)
KIN 516 Advanced Cardiovascular and Respiratory Physiology (3)
KIN 517 Pathophysiology and Treatments of Obesity (3)

No thesis option

Schedule and Calendar

The University academic calendar can be found online. The MS coordinated program follows the University academic calendar. Students should follow the MS coordinated program curriculum plan for guidance on program planning.

Retention

To remain in good standing in the MS program, students must:

- maintain a GPA of 3.0 or higher
- achieve a grade of B or better in all major courses.

Students who fail to achieve retention requirements will be able to repeat courses at the discretion of the program director, which will alter their timeline for completing their degree.

Nutrition and Dietetics (MS)

Graduation Requirements

Students must complete all specific program and University requirements which include:

- A minimum of 60 graduate credit hours
- Achieve a grade of B or better in all major courses
- Must successfully pass a comprehensive exit examination in final semester.
  - Students must demonstrate competence in nutrition and dietetics curriculum content via a comprehensive written exam. The comprehensive exam is intended to determine breadth and depth of understanding of the field and the application of knowledge to the profession.

Nutrition and Dietetics (MS)

Sports Nutrition

The master's in nutrition and dietetics coordinated program has a concentration in sports nutrition. Our students gain a better understanding of physiology and the physiology of exercise to benefit all patients and clients. With additional recognition of the importance of nutrition at all levels of fitness and competition, sports dietitians will continue to be in demand. Graduates of SIUE's program will be uniquely positioned to meet these needs.

After completion of the master's program with a concentration in sports nutrition, students will be able to:

- Demonstrate the ability to seek and utilize health-related resources to support their role as exercise and sports dietitians
- Translate and disseminate science-based sports nutrition recommendations that are understandable and ethical as a means to promote athletic performance, injury prevention and recovery, and overall health and wellness
- Develop and implement strategies/programs that seek to improve performance for both professional and amateur athletes

Our sports nutrition concentration competencies cover topics that relate to healthy adults and children who are active at all levels (novice to professional) as well as children and adults with special needs who are active at all levels. Specific knowledge in sports nutrition as well as exercise physiology will help them to be able to recognize specific needs of athletes, such as specific hydration needs, timing and composition of meals based on the particular point in training, and weight management for performance.

Students will complete four courses related to sports nutrition and exercise physiology including:

NUTR 513 Advanced Sport and Exercise Nutrition
KIN 512 Advanced Exercise Physiology
KIN 516 Advanced Cardiovascular and Respiratory Physiology
KIN 517 Pathophysiology and Treatments of Obesity

In addition, students will complete 360 hours of supervised practice in the area of sports nutrition.

Pharmaceutical Sciences

Admission Requirements

1. Graduate School application and $40 fee
2. Submission of all postsecondary academic transcripts
3. Completion of a baccalaureate degree in pharmacy, chemistry, or the biological sciences. Prior academic work should include a year each of biology or biochemistry and organic chemistry.
4. GPA: At least 3.00 (A=4.00) for the final 60 semester hours of baccalaureate study.
5. Graduate Record Examination (GRE) general is required. The GRE advanced subject (chemistry, biochemistry or biology) test is optional.
6. International Applicants: A minimum TOEFL Score of 550 (paper based); 213 (computer based), or 79 (internet based) is required or the IELTS minimum of 6.5.
7. Three Letters of Recommendation are Required
8. Personal Statement is Required

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Pharmaceutical Sciences

Curriculum

Students will consult with their advisors and the Chair to tailor a program to their own research interests within the pharmaceutical sciences. The following are examples of a typical two-year program for each track:

Medicinal Chemistry Track

Year 1 (Fall Semester)

(3) PHPS 500 Cellular Targets For Drug Discovery
(4) PHPS 420 Principles of Pharmacology
(1) PHPS 510 Pharmaceutical Sciences Foundations and Research Methods
(1) PHPS 595 Graduate Seminar in the Pharmaceutical Sciences
 9 Total Credits

Year 1 (Spring Semester)

(3) PHPS 501 Principles of Rational Drug Discovery
(3) PHPS 540 Pharmacokinetics
(2) PHPS 598 Pharmaceutical Sciences Research
8 Total Credits

Year 1 (Summer Semester)

(3) PHPS 598 Pharmaceutical Sciences Research
3 Total Credits

Year 2 (Fall Semester)

(2) PHPS Elective-1
(2) PHPS 598 Pharmaceutical Sciences Research
 4 Total Credits

Year 2 (Spring Semester)

(3) PHPS Elective-2
(1) PHPS 595 Graduate Seminar in the Pharmaceutical Sciences
(3) PHPS 598 Pharmaceutical Sciences Research
7 Total Credits

Year 2 (Summer Semester)

(3) PHPS 599 Pharmaceutical Sciences Thesis Preparation
3 Total Credits

Total Hours: 34

Pharmacology Track

Year 1 (Fall Semester)

(4) PHPS 420 Principles of Pharmacology
(3) PHPS 500 Cellular Targets For Drug Discovery
(1) PHPS 510 Pharmaceutical Sciences Foundations and Research Methods
(1) PHPS 595 Graduate Seminar in the Pharmaceutical Sciences
 9 Total Credits

Year 1 (Spring Semester)

(3) PHPS 501 Principles of Rational Drug Discovery
(3) PHPS 540 Pharmacokinetics
(2) PHPS 598 Pharmaceutical Sciences Research
8 Total Credits

Year 1 (Summer Semester)

(3) PHPS 598 Pharmaceutical Sciences Research
3 Total Credits

Year 2 (Fall Semester)

(2) PHPS Elective-1
(2) PHPS 598 Pharmaceutical Sciences Research
 4 Total Credits

Year 2 (Spring Semester)

(3) PHPS Elective-2
(1) PHPS 595 Graduate Seminar in the Pharmaceutical Sciences
(3) PHPS 598 Pharmaceutical Sciences Research
7 Total Credits

Year 2 (Summer Semester)

(3) PHPS 599 Pharmaceutical Sciences Thesis Preparation
3 Total Credits

Total Hours: 34

Pharmaceutics Track

Year 1 (Fall Semester)

(3) PHPS 500 Cellular Targets For Drug Discovery
(3) PHPS 541 Drug Delivery
(1) PHPS 510 Pharmaceutical Sciences Foundations and Research Methods

(1) PHPS 595 Graduate Seminar in the Pharmaceutical Sciences
 8 Total Credits

Year 1 (Spring Semester)

(3) PHPS 501 Principles of Rational Drug Discovery
(3) PHPS 540 Pharmacokinetics
(2) PHPS 598 Pharmaceutical Sciences Research
8 Total Credits

Year 1 (Summer Semester)

(3) PHPS 598 Pharmaceutical Sciences Research
3 Total Credits

Year 2 (Fall Semester)

(2) PHPS Elective-1
(2) PHPS 598 Pharmaceutical Sciences Research
 4 Total Credits

Year 2 (Spring Semester)

(3) PHPS Elective-2
(1) PHPS 595 Graduate Seminar in the Pharmaceutical Sciences
(3) PHPS 598 Pharmaceutical Sciences Research
7 Total Credits

Year 2 (Summer Semester) *if needed

(3) PHPS 599 Pharmaceutical Sciences Thesis Preparation
3 Total Credits

Total Hours: 33

Pharmaceutical Sciences

Graduation Requirements

Students will be required to complete at least 30 hours of acceptable graduate credit with a GPA of 3.0 or higher (A=4.0). At least 12 semester hours must be earned from core courses and two semester hours from graduate seminar. Students must take a minimum of four hours of electives but may take up to 25 hours of electives if desired.

At least 10 semester hours must be earned for research and students must be enrolled in a minimum of one hour of research per semester after choosing an advisor. Students must complete a thesis based upon the student's original research work.

Finally, students must assemble an advisory committee and meet with this committee for a public presentation and oral defense of the thesis.

Review the graduation policy for more information.

Pharmacy

Admission Requirements

Conditional Entry Program Admission

Incoming freshmen who enter SIUE directly from high school may be considered for the Conditional Entry Program (CEP). The CEP is an early assurance program that allows selected students to earn direct admission to the SIUE School of Pharmacy (SOP). In order to qualify for consideration to the CEP, students must apply to the Meridian Scholars Program at SIUE and indicate either pharmacy or pre-pharmacy as an area of intended study on the Meridian Scholars Program application. On a competitive basis, candidates will be invited to interview and the top candidates will receive a formal invitation to participate in the CEP.

Traditional Admission

Admission to the professional program of the School of Pharmacy is limited and competitive. For this reason, achieving the minimum admission requirements does not guarantee admission. To be considered for admission to the PharmD program in the School of Pharmacy, candidates must:

- Complete the pre-pharmacy curriculum by the end of the spring term prior to planned enrollment in the School of Pharmacy.
  - All courses listed in the pre-pharmacy curriculum must be completed with a grade of C or better.
  - Applicants must have a minimum grade point average of 2.75 (on a 4.0 scale) in each of the following: cumulative grade point average for all post-secondary courses attempted (excluding graduate courses), pre-pharmacy curriculum grade point average, and pre-pharmacy science and mathematics grade point average.
- Complete a PharmCAS application and keep the PharmCAS record updated.
- Take the Pharmacy College Admission Test (PCAT) and scores must be submitted directly to PharmCAS.
- Meet the technical standards for admissions and continued enrollment. For details, please visit siue.edu/pharmacy.
- Successfully complete an on-campus professional program interview and writing assessment.

Based on the criteria above, the top candidates will be invited to matriculate in the PharmD program.

Traditional Admission Application Procedures

Applications are submitted via PharmCAS at pharmcas.org. Students should begin the application for the PharmD one year before their anticipated start date. Completed applications will be considered by the School of Pharmacy admissions committee. Selected students will be invited for an on-campus interview and writing assessment. All applicants must complete the PharmCAS application and submit the following credentials to PharmCAS:

- Official copies of all college and university transcripts
- Letters of recommendation
- PCAT scores

Pharmacy

Sample Curriculum

Students pursuing the PharmD degree are not required to complete the University general education requirements. However, students are required to complete the pre-pharmacy curriculum listed below. Completion of the pre-pharmacy course requirements does not guarantee admission to the SIUE School of Pharmacy. In addition, courses that will meet the SIUE pre-pharmacy requirements may not meet the requirements for completion of other majors at SIUE.

Sample Pre-Pharmacy Curriculum

Year 1 (Fall Semester)

(4) CHEM 121a – General Chemistry I
(1) CHEM 125a – General Chemistry Lab I
(3) ENG 101 – English Composition I
(5) MATH 150 – Calculus I or MATH 145 – Calculus for the Life Sciences
(4) BIOL 150 – Intro to Biological Sciences I
17 Total Credits

Year 1 (Spring Semester)

(4) BIOL 151 – Intro to Biological Sciences II
(4) CHEM 121b – General Chemistry II
(1) CHEM 125b – General Chemistry II Lab
(3) ECON 111 – Principles of Macroeconomics
(3) ENG 102 – English Composition II
(3) RA 101 - Reasoning & Argumentation (recommended) or any PHIL course
18 Total Credits

Year 2 (Fall Semester)

(4) BIOL 220 – Genetics (prerequisite for BIOL 350)
(4) BIOL 240a – Human Anatomy & Physiology I
(3) CHEM 241a – Organic Chemistry I
(5) PHYS 131/131L – College Physics I
(3) ACS 101 or 103 - Oral Expression
19 Total Credits

Year 2 (Spring Semester)

(4) BIOL 350 – Microbiology or BIOL 250 Bacteriology
(4) BIOL 240b – Human Anatomy & Physiology II
(3) CHEM 241b – Organic Chemistry II
(2) CHEM 245 – Organic Chemistry Lab
(4) STAT 244 – Statistics
(3) SOC 111 or PSYC 111
20 Total Credits

Sample PharmD Curriculum

First Professional Year (Fall Semester)

(4) PHPS 700 – Principles of Drug Action I
(3) PHPS 702 – Biochemical Principles for Pharmacy
(2) PHPS 704 – Biopharmaceutics and Drug Delivery I
(3) PHAS 708 – Healthcare Systems
(2) PHPR 711 – Drug Information
(1) PHAS 716 – Ethical Issues in Health Care
(1) PHPR 718A – Pharmacy Skills Lab I
(2) PHEP 719A – Personal and Professional Development I
18 Total Credits

First Professional Year (Spring Semester)

(2) PHPS 701 – Principles of Drug Action II
(3) PHPS 705N – Biopharmaceutics and Drug Delivery II
(1) PHPS 707N – Pharmacy Calculations
(3) PHPR 710 – Biomedical Literature Evaluation
(3) PHPS 712 – Immunology and Immunization Training
(3) PHPR 713N – Self Care & Alternative Medicines
(1) PHPR 718B – Pharmacy Skills Lab II
(1) PHEP 719B – Personal and Professional Development II
17 Total Credits

Second Professional Year (Fall Semester)

(3) PHPS 720N – Pharmacokinetics
(2) PHAS 728N – Pharmacy Management I
(4) PHPT 730A – Integrated Pharmacotherapeutics I
(4) PHPT 730B – Integrated Pharmacotherapeutics II
(2) PHPR 735N – Physical Assessment & Patient Care Skills
(1) PHPR 738A – Pharmacy Skills Lab III
(3) PHEP 739A – Personal and Professional Development III
19 Total Credits

Second Professional Year (Spring Semester)

(2) PHPS 703 – Principles of Pharmacogenomics
(2) PHAS 709 – Healthcare and Financial Management
(4) PHPT 730C – Integrated Pharmacotherapeutics III
(4) PHPT 730D – Integrated Pharmacotherapeutics IV
(1) PHPR 738B – Pharmacy Skills Lab IV
(3) PHEP 739B – Personal and Professional Development IV
(2) PHPR 744 - Health Promotion & Literacy
18 Total Credits

Third Professional Year (Fall Semester)

(2) PHAS 733N – Pharmacy Law
(4) PHPT 750A – Integrated Pharmacotherapeutics V

(4) PHPT 750B – Integrated Pharmacotherapeutics VI
(2) PHAS 756 – Pharmacy and Population Health
(1) PHPR 758A – Pharmacy Skills Lab V
(1) PHEP 759A – Personal and Professional Development V
(5) Electives
19 Total Credits

Third Professional Year (Spring Semester)

(1) PHEP 751 – Essentials of Research Application
(2) PHAS 754 – Pharmacy Management II
(4) PHPT 750C – Integrated Pharmacotherapeutics VII
(4) PHPT 750D – Integrated Pharmacotherapeutics VIII
(1) PHPR 758B – Pharmacy Skills Lab VI
(1) PHEP 759B – Personal and Professional Development VI
(5) Elective
18 Total Credits

Fourth Professional Year (Fall Semester)

(6) PPHEP 780 – APPE (Community Pharmacy)
(6) PHEP 781 – APPE (Hospital Pharmacy)
(6) PHEP 782 – APPE (Ambulatory Care)
(6) PHEP 783 – APPE (Acute Care/General Medicine)
24 Total Credits

Fourth Professional Year (Spring Semester)

(6) PHEP 784 – APPE (Specialized Practice)
(6) PHEP 784 – APPE (Specialized Practice)
(6) PHEP 784 – APPE (Specialized Practice)
(3) PHEP 789 – APPE (Senior Project: Research Application for Patient Care)
21 Total Credits

Pharmacy

Education Specialization

Students can pursue a specialization in education that will prepare them for teaching positions in pharmacy. The specialization consists of six credits of didactic elective courses that are taken during the third professional year and one six-credit-hour elective advanced pharmacy practice experience taken during the fourth professional year. Students who are interested in the Education Specialization are chosen to participate and gain valuable experience related to all areas of pharmacy education.

Pharmacy

Graduation Requirements

Students are eligible to graduate when all of the following criteria have been met:

- Successful completion of the PharmD curriculum as approved by the faculty in the School of Pharmacy
- Completion of 10 credit hours of electives
- Academic good standing with a cumulative GPA of 2.0 or above

Pharmacy

Healthcare Information Systems Certificate

SIUE School of Pharmacy, in partnership with Saint Louis University, offers a Healthcare Information Systems certificate to PharmD and PharmD/MBA students and alumni. The certificate is offered online through the School for Professional Studies at SLU.

The online Healthcare Information Systems certificate provides a background of information systems and technology, programming, database design, networking fundamentals, healthcare information systems terminology and IT systems for healthcare organizations.

This certificate is designed for those seeking to gain the tools necessary to succeed in the healthcare industry.

Students may enroll in the SLU Certificate programs either while they are enrolled in a PharmD or PharmD/MBA concurrent programs or following graduation as alumni.

Nine credit hours of transfer course work will be accepted, if it is within 10 years of completion.

Pharmacy

Organizational Leadership Certificate

SIUE School of Pharmacy, in partnership with Saint Louis University, offers an Organizational Leadership certificate to PharmD and PharmD/MBA students and alumni. The certificate is offered online through the School for Professional Studies at SLU.

The Organizational Leadership certificate complements major fields of study by developing the knowledge, skills and experience needed to assume leadership and administrative roles in corporate or not-for-profit settings.

This online program will allow you to become proficient in:

- Understanding and leveraging your leadership style
- Overseeing organizational units and departments
- Developing interpersonal relationships and teams
- Enhancing workplace communication

Students may either enroll in the SLU Certificate programs while they are enrolled in a PharmD or PharmD/MBA concurrent programs or following graduation as alumni.

Nine credit hours of transfer coursework will be accepted, if it is within 10 years of completion.

Pharmacy

Pediatric Specialization

Students can pursue a specialization in pediatrics that will prepare them for a career in pediatric pharmacy and enhance their competitiveness for pediatric post-graduate training. The specialization consists of three credit hours of didactic elective courses and one credit hour of independent study project that are taken during the third professional year; and two six credit hour elective advanced pharmacy practice experience taken during the fourth professional year.

For more information regarding this specialization, please contact Dr. Lisa Lubsch Bimpasis, 618-650-5136.

PharmD/Healthcare Informatics (MS)

Admission Requirements

Admission to the concurrent degree program is limited and competitive. Students who choose to pursue this option will begin to take courses for the Master of Science in healthcare informatics (MHI) only after they have completed the first year of the professional pharmacy program (P1). Students must have earned a minimum GPA of 3.0 during the P1 year. Additionally, students must meet all admission requirements for the Graduate School and all admission requirements for the MHI program.

PharmD/MHI Application Procedures

- No later than March 15 of the P1 year, pharmacy students must submit an application available from the School of Pharmacy Office of Professional and Student Affairs.
- All applicants to the PharmD/MHI program must request that official transcripts be forwarded to Graduate Admissions from all postsecondary institutions the applicant has attended.
- Students who took pre-pharmacy courses at SIUE and have a complete set of transcripts on file with the University need not submit transcripts.
- Applicants will be notified of their admission status no later than April of the P1 year.

For more information on the PharmD/MHI, contact Monica Kempland at pharmacy@siue.edu or 618-650-5150.

PharmD/Healthcare Informatics (MS)

Program of Study

Concurrently enrolled PharmD/Master of Science in healthcare informatics (MHI) students will be allowed to use some pharmacy courses toward the completion of MHI electives, and some MHI courses toward the completion of pharmacy electives. Instead of 154 credit hours in the PharmD program and 36 credit hours in the MHI program for a total of 190 credit hours, students in the concurrent program will take 145 hours in the PharmD program and 27 hours in the MHI program for a total of 172 credit hours, resulting in a savings of 18 credit hours toward both degrees.

MHI Degree Requirements

The MHI program consists of 36 credit hours of online courses. PharmD students in the concurrent program will meet nine of these credit hours with the following required PharmD courses:

- PHAS 728N Pharmacy Management I (2 hours) and PHAS 754 Pharmacy Management II (2 hours) will substitute for PSYC 576 Graduate Seminar in Organizational Development (3 hours)
- PHAS 756 Pharmacy and Population Health (2 hours) will substitute for PBHE 455 Introduction to Epidemiology (3 hours)
- PHEP 789 Senior Project (3 hours) will substitute for HCIM 596A Capstone I (1 hour), 596B Capstone II (1 hour), and 596C Capstone III (1 hour). The capstone/senior project must be health informatics focused and will be used to fulfill capstone requirements for both the PharmD and MHI programs. The project must be approved by three graduate faculty members, one of which must be the MHI program director.

PharmD Degree Requirements

Students enrolled in the concurrent program will meet nine credit hours of PharmD external electives with the following courses:

- NURS 509 Interdisciplinary Healthcare Informatics (3 hours)
- NURS 511 Social, Ethical and Legal Issues in an Information Age (3 hours)
- NURS 512 Managing Quality and Safety in Healthcare (3 hours)

In addition, students enrolled in the concurrent program have the option to take a School of Pharmacy approved elective or an independent study in order to fulfill the 10 credit hours of elective requirement for the PharmD program. Students will be required to focus the senior capstone on health informatics.

View the complete PharmD/MHI curriculum.

PharmD/Healthcare Informatics (MS)

Graduation Requirements

Students enrolled in the concurrent program will need to maintain a cumulative GPA of 3.0 or higher in the graduate courses. Furthermore, the retention policy for the Master of Science in healthcare informatics (MHI) applies to the graduate courses in the concurrent program. The School of Pharmacy academic standards and progression policies apply to the PharmD courses in the concurrent program. Students who trigger the retention policy in the MHI program and/or are placed on pharmacy academic probation must meet with both the MHI program director and the School of Pharmacy Office of Professional and Student Affairs to discuss a retention and remediation plan.

PharmD/MBA

Admission Requirements

Admission to the concurrent degree program is limited and competitive. Students who choose to pursue this option will begin to take MBA courses only after they have completed the first year of the professional pharmacy program (P1) and must have earned a minimum GPA of 3.0 during the P1 year. Additionally, students must meet all admission requirements for the Graduate School and all admission requirements for the MBA program.

PharmD/MBA Application Procedures

- No later than March 15 of the P1 year, pharmacy students must submit an application available from the School of Pharmacy Office of Professional and Student Affairs
- All applicants to the PharmD/MBA program must request that official transcripts be forwarded to Graduate Admission from all postsecondary institutions that the applicant has attended.
- Students who took pre-pharmacy courses at SIUE and have a complete set of transcripts on file with the University need not submit transcripts.
- Applicants will be notified of their admission status no later than April of the P1 year.

For more information on the PharmD/MBA, contact Monica Kempland at pharmacy@siue.edu or 618-650-5150.

Additional Admission Information

Students currently pursuing a PharmD degree at SIUE, who wish to apply to the MBA program, may submit an application to the Graduate School for review once they have earned the equivalent of 106 semester hours. A currently enrolled PharmD student, upon approval of the MBA Program Director, will be allowed to enroll in a maximum total of six credits of graduate-level business course work until the student has earned the equivalent of 124 semester hours, at which time the student will be allowed to enroll in additional courses in the MBA program.

Currently enrolled SIUE PharmD students may submit a recent, official PCAT exam result for consideration of waiving the GMAT exam. Minimum composite, verbal and quantitative scores on the PCAT are required for a GMAT waiver to be granted.

PharmD/MBA

Curriculum

In order to meet the scheduling needs of busy students, business courses are offered in eight-week flexible formats that include:

- Evening/hybrid: Classes meet one evening per week. This format combines traditional classroom instruction with online assignments.
- Online: Course work is delivered online and may include synchronous online meetings.

Concurrently enrolled PharmD/MBA students will be allowed to use some pharmacy courses toward completion of MBA electives and some MBA courses toward completion of PharmD electives. Only those pharmacy students who are admitted to the MBA will be allowed to use MBA courses to meet PharmD elective requirements. You can view the complete PharmD/MBA curriculum here.

First Professional Year (Fall Semester)

(4) PHPS 700 Principles of Drug Action I
(3) PHPS 702 Biochemical Principles for Pharmacy
(2) PHPS 704 Biopharmaceutics and Drug Delivery I
(2) PHPR 711 Drug Information
(1) PHEP 719a Personal and Professional Development
(1) PHPR 718a Skills Lab I
(3) PHAS 708 Health Care Systems*
(1) PHAS 716 Ethical Issues in Healthcare

First Professional Year (Spring Semester)

(2) PHPS 701 Principles of Drug Action II
(3) PHPS 705n Biopharmaceutics and Drug Delivery II
(3) PHPS 712 Immunology and Immunization Training
(1) PHEP 719b Personal and Professional Development II
(1) PHPR 718b Skills Lab II
(3) PHPR 710 Biomedical Literature Evaluation
(1) PHPS 707n Calculations
(3) PHPR 713n Self Care and Alternative Medicines

First Professional Year (Summer Term)

(3) ACCT 524 Accounting for MBAs
(3) CMIS 526 Information Systems and Technology

Second Professional Year (Fall Semester)

(3) PHPS 720n Pharmacokenetics
(2) PHAS 728n-Pharmacy Management I*
(4) PHPT 730a Integrated Pharmacotherapeutics I
(4) PHPT 730b Integrated Pharmacotherapeutics II
(2) PHEP 739a Personal and Professional Development III

(2) PHPR 735n Physical Assessment and Patient Care Skills
(1) PHPR 738a Skills Lab III

Second Professional Year (Spring Semester)

(4) PHPT 730c Integrated Pharmacotherapeutics III
(4) PHPT 730d Integrated Pharmacotherapeutics IV
(2) PHAS 709 Healthcare and Financial Management*
(2) PHEP 739b Personal and Professional Development IV
(1) PHPR 738b Skills lab IV
(2) PHPR 744 Health Promotion and Literacy
(2) PHPS 703 Principles of Pharmacogenomics

Second Professional Year (Summer Term)

(3) FIN 527 Corporate Finance

Third Professional Year (Fall Semester)

(4) PHPT 750a Integrated Pharmacotherapeutics V
(4) PHPT 750b Integrated Pharmacotherapeutics VI
(1) PHPR 758a Skills Lab V
(2) PHAS 756 Pharmacy and Population Health*
(1) PHEP 759a Personal and Professional Development V
(2) PHAS 733n Pharmacy Law
(3) MBA 521 Quantitative Analysis
(3) MBA 522 Decision Making**

Third Professional Year (Spring Semester)

(4) PHPT 750c Integrated Pharmacotherapeutics VII
(4) PHPT 750d Integrated Pharmacotherapeutics VIII
(1) PHPR 758b Skills Lab VI
(1) PHEP 759b Personal and Professional Development VI
(1) PHEP 751 Essentails of Research Application
(2) PHAS 754 Pharmacy Management II*
(3) MBA 523 Negotiation and Interpersonal Skills

Third Professional Year (Summer Term)

(6) APPE I
(6) APPE II

Fourth Professional Year (Fall Semester)

(6) APPE III
(6) APPE IV
(6) APPE V

(3) MKTG 525-Marketing Analysis and Applications**
(3) ECON 528-Managerial Economics

Fourth Professional Year (Spring Semester)

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(6) APPE VI
(6) APPE VII
(6) APPE VIII ##
(3) PROD 529-Operations Management**
(3) MBA 534-Strategic Management**

*Will count toward MBA elective course requirements (13 credit hours).
**Will count toward PharmD elective course requirements (10 credit hours).
Students in PharmD/MBA concurrent degree program may choose to complete one APPE that is designated as a leadership experience. This APPE will be chosen in cooperation with the SOP Director of Experiential Education.

PharmD/MBA

Graduation Requirements

In addition to completing the course work, students must also satisfy a comprehensive examination requirement by earning a grade of B or above in MBA 534. Students who earn a grade below B will be given a second opportunity to complete the course in a satisfactory manner. Performance of individuals who fail to earn a B or above in the second attempt will be reviewed by two additional members of the School of Business MBA Committee, who may recommend that the student be dropped from the program or, in rare instances, be permitted a third attempt to earn a grade of B or above under another instructor.

Students must obtain 3.0 GPA (on a 4.0 scale) in MBA coursework to fulfill PharmD/MBA graduation requirements.

Kinesiology - Physical Education and Coaching Pedagogy (MSEd)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's prior to enrollment
- Undergraduate grade point average of at least 2.75 (A=4.0)
- Only courses in which the student earned a grade of "B" or better will be considered for transfer credit.
- For international students, a minimum total internet-based TOEFL score of 100 is required to be considered for admission.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Admission may be granted to applicants who have a bachelor's degree and meet the aforementioned criteria, although any prerequisites necessary to study in a particular specialization are at the discretion of the program advisor.

Selection for admission is determined by the graduate faculty in the Department of Applied Health. The student's grade point average and course work content from previous professional preparation will be used to determine qualifications for entrance into the program.

Students are eligible to apply for the physical education and sport pedagogy program if they are certified or are certifiable to teach in the public schools. The master's program includes a balance of technology-assisted on-campus courses (fall, spring and summer). Normal time to completion is approximately two years. Practical application of research-based and developmentally appropriate teaching practices is emphasized by the program. No more than nine graduate hours may be taken toward the master's as an unclassified graduate student.

Review the SIUE Admissions Policy for more information.

Application Deadline

The deadline is approximately one month before classes begin (definite dates can be found on the application).

How to Apply

The general requirements for admission and retention for this program are the same as for the Graduate School.

Kinesiology - Physical Education and Coaching Pedagogy (MSEd)

Curriculum

Required Courses (27 hours)

KIN 501 Behavioral Analysis of Exercise
KIN 521 Analysis of Research in Physical Education and Coaching
KIN 522 Analysis of Teaching Behaviors in Sport and Physical Education
KIN 524 Assessment in Sport and Physical Education
KIN 525 Physical Activity and Mental Health
KIN 526 Diversity in Physical Education and Sport
KIN 527a Action Research in Physical Education I
KIN 527b Presentation of Action Research in Physical Education II
KIN 550 Special Topics in Kinesiology

Non-Thesis (3 hours)

Electives

Kinesiology - Physical Education and Coaching Pedagogy (MSEd)

Graduation Requirements

Students must demonstrate competence in the content comprising the major (kinesiology and area of emphasis) via written and oral presentations of Action Research Projects.

Review the graduation policy for more information.

Public Administration (MPA)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Unconditional admission to the program requires an overall undergraduate grade point average (GPA) of at least 2.7 on a 4.0 scale, or a GPA of 3.0 for the last two years.
- Applicants with an overall undergraduate GPA between 2.5 and 2.7 may be required to take a test administered by the Department of Public Administration to evaluate their writing and analytical skills. Based on the results of this test, the program director may require students to submit scores from standardized examinations such as Graduate Record Exam (GRE), Graduate Management Admission Test (GMAT), or Miller Analogies Test (MAT); and/or resumes summarizing their work experience over the last 10 years.
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Applicants who are denied admission may request a review of their credentials by the department's Student Appeals Committee.
- An undergraduate background in the social sciences or business administration is useful, but not required.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Public Administration (MPA)

Curriculum

The master of public administration degree requires the completion of at least 39 semester hours with a grade point average of 3.0 or higher distributed as follows:

Required core courses (21 hours): PAPA 420, 500, 501, 510, 530, 540, 550 with a minimum 3.0 grade point average in the core courses

Area of emphasis courses (18 hours): Chosen from an approved list of courses in public management or nonprofit administration. Students may also design their own area of emphasis with the consent of their advisor.

Unclassified graduate students may take PAPA courses only with the permission of either the department chair or the MPA program director.

Public Administration (MPA)

Graduation Requirements

Students must receive a passing grade on a comprehensive exit examination. Students must submit two papers written during their course work as evidence of their writing skills and have a grade point average of 3.0 or higher in the public administration core courses in order to qualify to take the final comprehensive examination.

Review the graduation policy for more information.

Public Health (MPH)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Minimum GPA of 3.0
- Personal statement describing how the program relates to professional goals (500-800 words)
- Current resume
  - Applicants who have significant public health work experience are encouraged to apply. Work experience will be evaluated as a part of the admission package.
- Scores from the Graduate Record Examination (GRE) are recommended, but not required
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Competitive applicants are students with an undergraduate degree in:
  - Public Health
  - Community Health
  - Exercise Science
  - Health Education
  - Psychology
  - Nursing
  - Nutrition
  - Pharmacy
  - Sociology
  - Social Work

Application Deadline

The application deadline for the following fall admission is March 1.

Public Health (MPH)

Program of Study

The Master of Public Health requires a minimum of 46 semester hours. Students will be required to complete 37 hours of public health core courses and nine hours of leadership- focused electives. Of the 46 semester hours required, at least 31 hours must be completed at SIUE.

In order to remain in good standing, students must maintain a GPA of 3.0 or higher and earn a grade of B or better in all required core courses.

Required courses (37 hours):

PBHE 500 Core Principles in Public Health & Public Health Leadership (3)
PBHE 510 Health Promotion and Disease Prevention: Theory & Application (2)
PBHE 511 Health Promotion and Disease Prevention: Theory & Application Lab (2)
PBHE 520 Public Health Data Analysis (3)
PBHE 530 Epidemiology (3)
PBHE 540 Public Health Policy and Administration (3)
PBHE 550 Research & Evaluation Methods (3)
PBHE 560 Applied Program Planning (6)
PBHE 570 Environmental Health (3)
PBHE 598 Grantwriting (3)
PBHE 599 Capstone (6)

Approved Electives

Choose nine hours from the following:

SPC 540 Survey of Organizational Communication Research (3)
SOC 431 Employment & Workplace Change (3)
MBA 533 Leadership Influence & Managerial Influence (3)
NURS 510 Healthcare Informatics (3)
NURS 511 Social, Ethical and Legal Issues in the Information Age (3)
NURS 591 Organization and Systems Leadership (3)

Public Health (MPH)

Graduation Requirements

In addition to successful completion of the program of study, students are required to complete a capstone project in their second year within the six credit hour capstone course, PBHE 599. Students may choose to complete a thesis as the capstone project, but a thesis is not required.

The capstone project is a community-based project that will incorporate the material learned throughout the program. Students will work with an approved community partner to design, develop, implement and/or evaluate a project that emphasizes one or more of the public health core competencies and demonstrates relevant leadership skills.

Speech-Language Pathology (MS)

Admission Requirements

Admission requirements for graduate program

1. Minimum cumulative 3.0 GPA (A=4.0)
2. Competitive scores on the GRE. SIUE does not have a minimum score requirement. Applicants to the speech-language pathology program must use Institution Code 0701: SOUTHERN ILLINOIS-EDWARD CSDCAS
3. Resume information will be collected from the information provided in the experiences portion of the CSDCAS application. A separate resume is not required.
4. Supplemental Materials: Videos of applicants responding to a prompt or series of questions. More information about the 2018-2019 Supplemental Materials can be found here.
5. Three letters of recommendation. At least two of the letters of recommendation must come from program faculty.
6. Transcripts from all schools attended. All official transcripts MUST be sent to CSDCAS at: CSDCAS Verification Department, P.O. Box 9113, Watertown, MA 02471. If currently enrolled, fall transcripts with most recent (fall) grades posted must be submitted to CSDCAS for application to be completed. In addition, each applicant must complete an academic update to enter their fall grades and allow verification by CSDCAS. Applications will not be considered without CSDCAS verification of these fall grades. It is the student's responsibility to refer to the CSDCAS procedure for proper and timely submission of transcripts and academic updates.
7. International Students: If English is not the applicant's native language, he or she must demonstrate native or near-native ability in spoken English. The applicant must take and submit official test scores for either the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS). A minimum TOEFL iBT score of 100 or IELTS score of 7 is required to be considered for admission to our master's program.

   > TOEFL scores should be send directly to CSDCAS using code C122; CSDCAS does not accept IELTS scores; therefore, your official IELTS scores should be sent directly from the testing service to our program:
   > Speech-Language Pathology Graduate Program
   > Southern Illinois University Edwardsville
   > Campus Box 1147
   > Edwardsville, IL 62026-1147

Application Deadline

The application deadline for the graduate program is January 15 for the following fall semester. This deadline corresponds to the CSDCAS designation of E-submit. It is the applicant's responsibility to ensure that the application is E-submitted by January 15 and that all materials have been submitted (subsequently qualifying the application as Complete) by February 1. Incomplete applications will not be reviewed.

Admission decisions are typically completed during the first part of March.

How to Apply

All transcripts, GRE scores and letters of recommendation are to be submitted through the Centralized Application Service (CSDCAS). We encourage students to read the CSDCAS Application Instructions before submitting their application.

Academic Advising Information

Students admitted to the program are assigned a faculty advisor who will assist them with their program and registration.

Additional Requirements and Information

- Prerequisite Requirements

- ISBE Requirements
- Essential Functions
- Application FAQs

Speech-Language Pathology (MS)

Curriculum

Thirty-six (36) semester hours of acceptable graduate credit are required to complete the Master of Science in speech-language pathology. These hours include 12 core courses, one elective and a culminating comprehensive examination or 11 core courses, six thesis credits and a culminating thesis. Students must also complete an average of 22-27 semester hours of on- and off-campus clinical experiences to meet certification and licensure requirements. Students are able to complete the program in five consecutive, full-time semesters. Students should refer to their individual plans of study for more information.

Students receiving more than two C's or any one grade below a C will be dismissed from the program.

Students must pass the Test of Academic Proficiency (or ACT equivalent) by August 15 of the first semester of graduate coursework. Students take the Content Area Test prior to the spring semester of their second year of graduate course work.

Thesis Plan

Academic courses (34 hours): SPPA 503, 540, 541, 542, 543, 544, 545, 547, 548, 558, 560

Thesis (6 hours): SPPA 599

Non-thesis Plan

Academic courses (34 hours): SPPA 503, 540, 541, 542, 543, 544, 545, 547, 548, 558, 560

Electives (minimum of 2 hours): Within the specialization or in related areas

Clinical Courses

In addition to program requirements for either plan: SPPA 469, 549 a, b, and/or c

Curriculum

Year 1 (Summer Semester - optional start)

Elective*

Year 1 (Fall Semester)

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541 Child Sp. Sound Disorders
503 Research
544 Child Language Disorders
549 Clinic Practicum

Year 1 (Spring Semester)

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542 Voice Disorders
545 Adult Acquired Disorders
540 Early Intervention
549 Clinic Practicum

Year 2 (Summer Semester)

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548 Dysphagia
Elective*
549 Clinic Practicum

Year 2 (Fall Semester)

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543 Stuttering
547 Motor Speech Disorders
549 Clinical Practicum

Year 2 (Spring Semester)

---

560 Professional Issues
549 School Externship
549 Medical Externship
Comprehensive Exam

+ Students may choose to begin their graduate studies the summer prior to the first fall semester. Students may take an elective during their summer session.

*Students must complete two hours of electives within the area of specialization or in related areas. These courses vary from summer to summer.

Retention Policy

Retention/Dismissal: Students must achieve grades of C or higher in all course work (academic and clinical). Students who receive three or more C's, or a grade of D or lower in any course work will be dismissed from the program.

Speech-Language Pathology (MS)

Graduation Requirements

Students must successfully complete all academic and clinical requirements and an oral comprehensive examination administered by the graduate faculty in speech-language pathology. Students may choose the thesis option in lieu of a written examination.

Review the graduation policy for more information.

Speech-Language Pathology (MS)

Prerequisite Requirements

Students must be working toward a bachelor's degree in speech-language pathology or completion of undergraduate coursework in speech-language pathology and audiology. Prerequisite coursework must include both general and specific content.

General required content (individual courses): statistics, biological sciences, physical sciences, and social/behavioral sciences. A description of these courses can be found here.

SLP required content (may not be individual course): normal language development, anatomy/physiology, phonetics, neuroanatomy/physiology, speech/hearing science, basic audiometry, aural rehabilitation

SLP recommended content (may not be individual course): clinical procedures/methods, speech-sound disorders, language disorders

More specifically, applicants must have completed at least five SLP-specific courses at the time of application or they will not be considered for admission. We recommend that all delinquent prerequisite coursework be completed by the summer prior to starting the graduate program, or it may be integrated into their program of study, which may add time to their program.

Students interested in completing prerequisite requirements at SIUE are directed to our undergraduate leveling plan.

Social Work (MSW)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Overall grade point average (GPA) of at least 3.0 (A=4.0). Students with less than a 3.0 undergraduate GPA may apply and will be considered on a case-by-case basis.
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Personal history for the department.
- Statement of Purpose: A personal statement that discusses what has led the applicant to pursue a Master's degree in social work at this time, the applicant's understanding of a social justice issue, and how they plan to adjust their life to accommodate graduate work. This should be four-to-five pages, double-spaced and in 12-point font.
- Two letters of recommendation that discuss the applicant's potential for graduate level academic work, leadership and interpersonal skills, commitment to the mission and values of social work, and, if relevant, professional experience and capabilities. One letter must be from a current or past instructor and one must be from a supervisor, preferably in a volunteer or paid social service setting. BSW graduates who do not have practice experience after receiving their BSW, should have their field practicum supervisor write their recommendation. Applicants applying as transfer students from CSWE-accredited master's programs should request at least one letter of recommendation from a graduate faculty member. Letters from friends or family members that do not address the above issues will not be considered. The letters of recommendation must be submitted on the form contained in the application packet.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

The baccalaureate degree should reflect a strong background in liberal arts and sciences with at least 30 semester hours (or equivalent) earned in liberal arts and sciences. Students must complete any deficiencies prior to enrollment in the MSW Program. If any deficiencies are not completed prior to enrollment, the student's file will be reconsidered the next academic year. In addition, Advanced standing students entering with a BSW from a CSWE-accredited program must have completed an undergraduate research methods course and an undergraduate statistics course with a grade of B or better. Advanced standing students who have not completed courses in research methods and statistics with grades of B or better must complete these requirements prior to enrollment in the MSW program, or their file will be reconsidered the next academic year, or the student may be offered admission in regular standing. Undergraduates who are nearing completion of a baccalaureate degree may submit an application for admission as a degree-seeking student when they have earned at least 88 semester hours of credit toward the undergraduate degree with a GPA of at least 3.0 (A=4.0).

A combination of commitment to the program's mission and sensitivity to diversity is evaluated during the admission process through the applicant's personal statement and letters of reference. These are regarded as factors in admission decisions, along with records of undergraduate work. Students will not receive academic credit for life experiences or previous work experiences.

Review the SIUE Admissions Policy for more information.

Admission in Advanced Standing

Applicants may be considered for admission in advanced standing provided the following criteria are met:

1. The applicant holds a baccalaureate degree in social work from an institution accredited by the Council of Social Work Education, and the degree was awarded in the seven-year period preceding application for graduate study at SIUE.
2. The applicant's GPA is 3.0 (A=4.0) or higher in undergraduate study and the applicant has completed all courses in the BSW foundation area with grades of B or better. Applicants with less than a 3.0 undergraduate GPA who completed all coursework in the baccalaureate foundation area with grades of B or better will be considered on a case-by-case basis.
3. Advanced standing students entering with a BSW from an accredited undergraduate program must have completed an undergraduate research methods course and an undergraduate statistics course with a grade of B or better.
4. Students must complete any deficiencies prior to their enrollment in the MSW program. If any deficiencies are not completed prior to enrollment, the student's file will be reconsidered the next academic year or the student may be

offered admission in regular standing.

Social Work Admissions Committee

The MSW Curriculum Policy and Planning Committee will review the complete packet of application materials including the applications for graduate study, personal statement, letters of recommendation, and transcripts. Admission to graduate study in social work will be based on a full evaluation of the completed application packet. A personal interview may be required. The committee cannot admit students whose packet is incomplete. The applicant will be notified in writing about the decision of the Committee.

Application Deadline

The application deadline for the following fall admission is January 15.

Social Work (MSW)

Curriculum

The Department of Social Work offers a curriculum leading to the master of social work (MSW) with a focus on advanced generalist practice. The program at SIUE is accredited by the Council of Social Work Education (CSWE).

The MSW program of study in the MSW program is divided into two consecutive groups of courses: Foundation and Concentration curricula. Foundation courses provide intro-level knowledge on social work history, theoretical framing, values, ethics, basic skills, and practice orientations. The Concentration courses focus on more advanced practice skills, policy analysis, and specialization.

For students who have regular-standing status, the MSW Program includes both Foundation and Concentration Curricula. This requires a two-year, full-time course of study in which students enroll in six consecutive semesters, including summer terms, for a total of 60 credit hours. There is a regular-standing part-time option, which takes 4 years.

Students who have completed a BSW degree from a CSWE accredited program within the past 7 years qualify for advanced standing status. Advanced standing students are only required to complete the Concentration curriculum. This requires a one year, full-time course of study in which students enroll in three consecutive semesters, including one summer term, for a total of 30 credit hours. Part-time advance standing students can finish in two years.

Social work students do not receive academic credit for life experience or previous work experience.

Courses may be offered in traditional on campus face-to-face and hybrid online format. Courses offered in hybrid online include a combination of on-campus and off-campus online class content.

Upon graduation, MSW students are eligible to take licensure exams for a social work practice license. Requirements vary by state. The Licensed Clinical Social Worker (LCSW) requirements typically include 3,000 hours of supervised clinical practice after completion of the MSW degree.

Foundation Courses-30 hours

SOCW 501 - Generalist Practice: Individuals and Families-3 credit hours
SOCW 502 - Generalist Practice with Organizations, and Communities-3 credit hours
SOCW 503 - Counseling Skills Development - 3 credit hours
SOCW 504 - Social Welfare Policy -3 credit hours
SOCW 505 - Generalist Practice with Groups - 3 credit hours
SOCW 506 - Research Methods and Data Analysis - 3 credit hours
SOCW 507 - Human Behavior in the Social Environment-3 credit hours
SOCW 508 - Diversity, Values, Ethics, and Social Justice Principles & Practice - 3 credit hours
SOCW 526 - Field Instruction I-3 credit hours
and
SOCW 527 - Field Instruction II-3 credit hours
or
SOCW 531 - Block Field Instruction I - 6 credit hours

Concentration courses (30 hours)

SOCW 550 - Advanced Micro Practice - 3 credit hours
SOCW 551 – Advanced Policy - 3 credit hours
SOCW 552 - Advanced Macro Practice- 3 credit hours
SOCW 546 - Applied Social Science Research - 3 credit hours
SOCW 528 - Advanced Field Instruction III-3 credit hours
and
SOCW 529 - Advanced Field Instruction IV-3 credit hours
or
SOCW 532 - Block Field Instruction II - 6 credit hours
SOCW 565 - Capstone - 3 credit hours

Additionally, students are also required to take three elective courses (9 hours). One elective can be from outside of the Department of Social Work with permission from the MSW Committee.

Social Work (MSW)

Graduation Requirements

Enrollment in SOCW 565 is a requirement to satisfy the concluding element of the degree program. A grade of B or better must be earned in this course for the student to have satisfactorily completed all requirements for the Master of Social Work. The project is an integration of social work knowledge and skills across curriculum content areas and practica in regards to a social work practice issue or problem.

In SOCW 565, the student will select specific social work/social welfare problems, client populations, or field of practice experiences with an emphasis on integrating and synthesizing library and/or empirical research and field experiences with major curriculum areas. Focus is placed the examination of issues relative to social work values and ethics, social and economic justice, poverty, and diverse populations. The project highlights such central issues as urban and rural service delivery in southwestern Illinois, gender roles, social change, children and families, health, mental health and disability practice, and school social work.

Review the graduation policy for more information.

Sociology (MA)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Submit a writing sample. The writing sample, which should be 4-15 pages in length, may consist of a paper turned in for a course or other written work prepared by the applicant. It should address some social scientific and preferably sociological issue.
- Statement of Purpose: Submit a written personal statement of one to two pages indicating their motivations and objectives for graduate study in sociology.
- Admission is usually routine for those who meet the following requirements and standards:
  - 30 or more semester hours in the social sciences (anthropology, political science, economics, psychology, history) including 21 hours in sociology, six of those hours being sociological theory and sociological statistics or methods, with grades of B or better.
  - An overall grade point average of at least 2.7 (A=4.0).

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Review the SIUE Admissions Policy for more information.

Application Deadline

Students may be admitted to the program at the beginning of any semester, but we encourage applications for admission in the fall semester because of course sequencing. Persons seeking admission for fall semester should apply no later than July 10 of the year in which they wish to begin their studies.

Although all applicants are encouraged to apply to begin their studies in the fall semester, applications for other semesters will be considered up to the following deadlines:

- Spring Semester: November 15
- Summer Term: April 1

Sociology (MA)

Curriculum

Requirements for the master of arts degree in sociology include 33 semester hours of graduate credit, distributed as follows:

Required courses (15 hours): SOC 500, 501, 515, 518, 592
SOC 501, 515, and 518 are taken in the first year to ensure a basic knowledge of sociological theory, methods and data analysis. SOC 592 is taken after completion of 18 hours, including 515, or with consent of the graduate program director. Students must receive a grade of B or higher in all required courses. Also, during the first 12 semester hours of graduate study, only courses with a grade of B or higher can be counted toward the degree.

Electives (12 hours): Student completing the thesis or internship exit requirements must complete 12 hours of electives, at least nine hours of which must be sociology seminar courses at the 500-level. Students completing the comprehensive exam exit requirement must complete 18 hours of electives, 15 of which must be sociology seminar courses at the 500-level. For all options, up to three semester hours of 500-level electives may be taken in related fields outside sociology when approved by the graduate program director.

Thesis or Internship (six hours): By the completion of 18 semester hours and in consultation with the graduate program director, the student must select either: six hours of SOC 599 (Thesis) or three hours of SOC 593a (Graduate Internship-Experience) and three hours of SOC 593b (Graduate Internship-Report). The internship comprises two parts: at least 140 hours of a supervised work experience in either a research or public service setting (SOC 593a), and a substantial, original written report concerning a sociological issue related to the internship (SOC 593b). Guidelines for the internship report are included in the department's Graduate Student Handbook. Normally, the thesis or internship options will not be taken until the student has completed at least 24 semester hours of course work. Additional information can be obtained from the department office, Peck Hall, Room 1205.

Sociology (MA)

Graduation Requirements

The completed thesis must be defended in a final oral examination administered by the student's thesis committee. Students pursuing the internship option must successfully complete an oral examination administered by the advisory committee. This examination will cover both the internship experience and the written internship report.

The program also offers a comprehensive exam option to complete graduation requirements.

Review the graduation policy for more information.

Special Education (MSEd)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Successful completion of a bachelor's prior to enrollment
- Minimum GPA of 2.50
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Applicants must hold a current initial teaching license in special, elementary or secondary education to be admitted.
- Candidates seeking a second teaching license must also complete an application through the Student Services, Certification and Advisement Office, located in Founders Hall, Room 1110.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Once accepted into the Graduate School, each candidate is assigned an advisor, and is required to meet with that assigned advisor as soon as possible after notification of admission to discuss the candidate's official program of study.

Review the SIUE Admissions Policy for more information.

Special Education (MSEd)

Curriculum

The minimum number of semester hours required to complete each of the special education degree programs for the Master of Science in education is 36, not to include any courses at the 400-level. In some instances, additional hours may be required, which are determined in a conference between the student and the assigned graduate faculty advisor.

Requirements for completing the MSEd are as follows:

MSEd with emphasis in Professional Development in Special Education

- General Professional Core (3 hours): EPFR 515, 520 or 521
- Special Education Core (18 hours): SPE 500, 511, 514, 515, 522, 523
- Electives (12 hours)
- Final Project (3 hours): SPE 595, which includes completion of an action research project and oral presentation. Preliminary planning of this project is initiated in SPE 500.

Candidates choosing the Master of Science in special education must enroll in SPE 578 (Advanced Field Study) for three hours if they are not currently teaching. The decision about when this course should be taken will be made in consultation with the faculty advisor.

Retention Requirements

Students must maintain a minimum 3.0 cumulative grade point average. Students must also obtain a B or better in SPE 500 (Research in Special Education: Preparation for Field-Based Research) and obtain a B or better on the paper required in the course.

Special Education (MSEd)

Graduation Requirements

Students must complete an action research project while enrolled in SPE 595 and attain a grade of at least a B to pass. Candidates seeking the LBS I as an endorsement must pass the cross-categorical special education test, general curriculum test and K-12 APT test prior to licensure entitlement.

Review the graduation policy for more information.

Special Education (MSEd)

Second Certificate in Special Education
(Learning Behavior Specialist I)

This program allows teachers who hold a current teaching licensure in an area other than special education to obtain MSEd Professional Educator License (PEL) teaching endorsement.

Potential candidates must apply for an evaluation for a subsequent endorsement through the School of Education, Health and Human Behavior Office of Student Services, in addition to completing the standard application for admission to the Graduate School.

The program consists of 36 hours of core courses. Required courses include:

- Must complete one 3-hour course selected from EPFR 515, 520 or 521
- SPE 500, 502, 506, 511, 514, 516, 522, 523, 540, 578 (3-12 hours)* and 595

*All candidates seeking the Second Certificate in Special Education (LBS I) must enroll in SPE 578 (Advanced Field Study) for 3-12 hours. Upon entrance to the program, faculty will evaluate the candidate's transcript and special education experience to determine the number of field hours needed to meet certification requirements.

Educational Leadership Doctorate - Superintendent (EdD)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- Master of science in education degree or its equivalent
  - Grade point average (GPA) of 3.25 or higher on a 4.0 scale in graduate study
  - Hold or have held a position requiring an Illinois Type 75 (building administration) certificate or its equivalent
- Current resume that clearly indicates:
  - Educational background
  - Diversity of P-12 work experience
  - Progression of P-12 leadership experiences.
- Three letters of reference from administrators or supervisor who have firsthand knowledge of the candidate's professional work. Letters must address:
  - Nature of the relationship with the applicant (at least one is current or past supervisor)
  - Leadership experience
  - Ability to work collaboratively
  - Ability to impact schools to improve student learning
  - Oral and written communication skills
  - Potential to become a transformative educational leader.
- Written responses to three focus questions that consider the goals of the EdD program and preparation for doctoral study.

All requirements will be reviewed by a faculty admissions committee to determine the potential of the candidate to affect school district change.

There are two possible admission points for the EdD program.

- An MS degree
- An Illinois Type 75 certificate (or equivalent) and who wish to earn the superintendent's endorsement while completing the doctorate degree

Mid-point admission for students who hold:

- A specialist's degree (within the past ten years)
- A superintendent's endorsement
- An Illinois type 75 certificate (or equivalent) and who want to complete the doctorate degree.

Official transcripts must be sent electronically to siueapps@siue.edu directly from the institution or mailed to:

SIUE Graduate and International Admissions
Campus Box 1047
Edwardsville, IL 62026

Application Deadline

The priority application deadline for those already holding a superintendent endorsement is February 1. All other admissions are on a rolling basis.

Educational Leadership Doctorate - Superintendent (EdD)

Curriculum

For early admission, 54 semester hours of graduate credit beyond the master's degree are required for the EdD degree. For midpoint admission, 24 semester hours of graduate credit beyond the specialist's degree are required for the EdD degree.

Study of foundational theory of school district level leadership

(Early admission courses)
EDAD 555-Superintendency, District Administration, and Governance*
EDAD 563-School and Community Relations*
EDAD 565-Human Resource Administration*
EDAD 570-Leadership Theory and Practice*
EDAD 580-District Program Development*
EDAD 585-School District Business Administration*

Internship and Field Study

(Early admission course)
EDAD 591-Internship Practicum*

Advanced Study and Research

(Early admission and midpoint admission courses)
EDAD 600-Proseminar in the Superintendency
EDAD 620-Advanced School Law
EDAD 660-Politics and Policy-Making in Education
EPFR 605-Qualitative Inquiry-includes field study*
EPFR 601-Quantitative Inquiry
EDAD 690-Research Topics in Educational Leadership
EDAD 698-Doctoral Capstone Research Project

*Successful completion results in specialist's degree and recommendation for Illinois Superintendent's certificate.

Educational Leadership Doctorate - Superintendent (EdD)

Graduation Requirements

Qualifying examination for advancement to candidacy: The examination consists of essay questions that address course content. The exam is read by three faculty members and assessed for content and quality. Candidate must pass the examination to advance.

Final Capstone Research Project: The project requires an extensive written document that presents the results of the candidate's research. An oral presentation and successful defense of the project before a committee of three faculty members is required for program completion. Planning the project occurs in EDAD 690 and the project is carried out, defended, and finalized in EDAD 698.

Integrative Studies (Post-Baccalaureate Certificate)

Sustainability

As natural resources become more scarce and expensive, sustainability specialist careers are experiencing rapid growth. An integrative studies post-baccalaureate certificate in sustainability will provide students with sociology and environmental management training that focuses on sustainability research, planning and leadership skills, environmental regulation requirements, and community-based sustainable management of natural resources. By learning how to apply sustainability concepts, principles and technical approaches to address "green" career needs in a variety of fields, students will be well positioned, upon completing the certificate, to better understand and provide innovative solutions to complex sustainability challenges.

The certificate in sustainability is part of SIUE's integrative studies program which also offers a master's in sustainability.

Admission

- Graduate School application and $40 fee
- Official copies of all post-secondary transcripts
- Successful completion of a bachelor's degree prior to enrollment. Applicants may be required to take prerequisites or resolve any deficiencies before classified status is approved.
- Minimum GPA 3.0
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- A letter of intent clearly articulating the desired focus areas, the applicant's academic/career goals, how his/her academic background prepares him/her to undertake the program successfully, and how the program serves his/her goals must be submitted with the application.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions Office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants must also meet any additional admissions requirements stipulated by the participating departments, which may include but are not limited to holding a specific undergraduate degree, one or more prerequisite courses, or a standardized test score, such as the GRE.

Applicants with a baccalaureate and/or graduate-level GPA between 2.5 and 3.0 may be considered if all the following conditions are met.

- The baccalaureate degree and/or graduate-level work was earned more than 4 years prior to the application submission.
- The applicant provides a written explanation of her/his performance in the baccalaureate degree.
- The applicant provides a written explanation of why he/she will be successful in the Integrative Studies degree.

Review the SIUE Admissions Policy for more information.

Curriculum

The post-baccalaureate certificate program requires the completion of 18 hours of courses, split evenly between the sociology and environmental science programs. The courses are as follows:

Sociology

- SOC 515 – 3 Research Methods and Study Design in Sociology
- SOC 518 – 3 Advanced Data Analysis
- SOC 590 – 3 Special Topics: Seminar in Sociology and Sustainability

Environmental Sciences

- ENSC 510 – 3 Advanced Environmental Science and Policy

- ENSC 511 – 3 Environmental Policy
- ENSC 512 – 3 Environmental Law or ENSC 516 – 3 Environmental Impact Analysis

Note: Post-baccalaureate students may apply for scholarships, grants and loans, but are not eligible for Federal Title IV financial aid.

Exit Requirements

The student must successfully complete the program of study with a minimum GPA of 3.0.

Teaching English as a Second Language (MA)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Successful completion of a bachelor's degree prior to enrollment
- Minimum GPA of 2.50
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Three letters of recommendation
- Statement of Purpose: A three- to five-page paper which explains how the applicant became interested in the field of TESL, what the applicant hopes to learn in the program and how that learning will help the applicant in a career.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

There is a requirement of two years of college-level course work (or its equivalent) in modern or classical foreign language with at least a C average. These requirements may be satisfied during the course of the student's graduate studies.

Review the SIUE Admissions Policy for more information.

Teaching English as a Second Language (MA)

Curriculum

The specialization in teaching English as a second language requires 30 hours of course work. During a student's program, the student must complete three credits of TESL practicum (ENG 545), beginning in his or her first or second semester. To complete this specialization, the student, in consultation with the TESL advisor, may elect a thesis or take ENG 595. Enrolling in 595 is recommended for students with no previous or current TESL experience.

Students taking 595 to complete their exit requirements are required to complete four electives from the following list, and students electing the thesis option must complete three electives. For all students, at least two of the electives must be at the 500-level.

Required courses (15 hours):
ENG 400: Principles of Linguistics
ENG 416: Language and Society
ENG 468: Second Language Acquisition
ENG 542: Methods for Teaching English as a Second Language
ENG 545: TESL Practicum

Electives (9-12 hours):
ENG 403: History of the English Language
ENG 405: Pragmatics
ENG 408: Phonological Analysis
ENG 409: Syntactic Analysis
ENG 417: Language and Ethnicity
ENG 418: Language Endangerment and Death
ENG 470: Methods and Materials for K-12 ESL Teaching
ENG 472: Assessment and Testing in ESL
ENG 474: Bilingualism and Bilingual Education
ENG 540: Seminar in Second Language Acquisition
ENG 541: Discourse Analysis
ENG 543: Grammar Pedagogy
ENG 544: Reading and Writing Pedagogy in TESL
ENG 597: Readings in English Studies

Final Course or Thesis (three to six hours): ENG 595: Professional Development Seminar in TESL (3) or ENG 599: Thesis (6).

Students who hold a valid teaching certificate may take a series of courses leading to Illinois and/or Missouri ESL teaching approval. These courses are ENG 400, 409, 416, 468, 470, 472, 476. Students interested in this specialization should contact the ESL Approval advisor.

Teaching English as a Second Language (MA)

Graduation Requirements

The mode of final examination is dependent on the culminating activity selected by the student. A student who elects the thesis option must successfully complete a one-hour oral examination based on the thesis. A student who elects to enroll in 595 must attain at least a B in that course and successfully complete an examination responding to questions submitted by an examining committee of TESL faculty.

Review the graduation policy for more information.

Teaching English as a Second Language (MA)

Post-Baccalaureate Certificate

ADMISSION

In addition to fulfilling the general requirements of the Graduate School, applicants must submit the same supporting materials required for application to the MA specializations (a three-to five-page paper which explains how the applicant became interested in the field of TESL; what the applicant hopes to learn in the program; and how that learning will help the applicant in a career; and three letters of reference). The Graduate Adviser may require specific undergraduate course work from students who have not majored in English. Students who begin the post-baccalaureate certificate program and then wish to enroll in the master's program must meet all requirements for admission to the MA degree program, including foreign language requirements.

TEACHING ENGLISH AS A SECOND LANGUAGE (TESL)

The TESL certificate is designed for students seeking graduate work in TESL pedagogy and theory but not wishing to commit to a two-year MA program. The program covers the same core areas that the full MA does, but can be completed in a shorter amount of time, allowing students to pursue other graduate degrees or professional experiences.

PROGRAM OF STUDY

Required courses (12 hours):
ENG 400: Principles of Linguistics
ENG 416: Language and Society
ENG 468: Second Language Acquisition
ENG 542: Methods for Teaching English as a Second Language

Electives (6 hours) selected from:
ENG 540: Seminar in Second Language Acquisition
ENG 541: Discourse Analysis
ENG 543: Grammar Pedagogy
ENG 544: Reading and Writing Pedagogy in TESL
ENG 597: Readings in English Studies

Integrative Studies (Post-Baccalaureate Certificate)

Transportation Engineering and Construction Management

The integrative studies post-baccalaureate certificate in transportation engineering and construction management is intended for civil engineers and construction managers seeking to enter or advance in the transportation construction sector. This certificate program will also allow roadway construction professionals an opportunity to improve their expertise in topics such as road safety assessment and intelligent transportation systems design. Those aiming to start or shift careers into the transportation sector will improve their background and add estimating, bidding and engineering design skills essential to roadway construction.

The certificate in transportation engineering and construction management is part of SIUE's integrative studies program. Please visit the integrative studies graduate website to find additional opportunities or to learn about designing your own graduate degree.

Admission

- Graduate School application and $40 fee
- Official copies of all post-secondary transcripts
- Successful completion of a bachelor's degree prior to enrollment. Applicants may be required to take prerequisites or resolve any deficiencies before classified status is approved.
- Minimum GPA 3.0
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- A letter of intent clearly articulating the desired focus areas, the applicant's academic/career goals, how his/her academic background prepares him/her to undertake the program successfully, and how the program serves his/her goals must be submitted with the application.

Program application materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions Office with questions regarding the application submission process at graduateadmissions@siue.edu.

Applicants must also meet any additional admissions requirements stipulated by the participating departments, which may include but are not limited to holding a specific undergraduate degree, one or more prerequisite courses, or a standardized test score, such as the GRE.

Applicants with a baccalaureate and/or graduate-level GPA between 2.5 and 3.0 may be considered if all the following conditions are met.

- The baccalaureate degree and/or graduate-level work was earned more than 4 years prior to the application submission.
- The applicant provides a written explanation of her/his performance in the baccalaureate degree.
- The applicant provides a written explanation of why he/she will be successful in the Integrative Studies degree.

Review the SIUE Admissions Policy for more information.

Curriculum

The post-baccalaureate certificate requires the completion of 19 hours of courses, split between the civil engineering and construction departments. The courses are as follows:

Civil Engineering

- CE 574 – 3 Transportation Infrastructure Security
- CE 575 – 3 Advanced Geometric Design of Highways
- CE 579 – 3 Transportation Safety Systems
- CE 578 – 3 Intelligent Transportation Systems

Construction

- CNST 451 – 4 Estimating and Bidding
- CNST 425 – 3 Heavy Civil Construction

Note: Post-baccalaureate students may apply for scholarships, grants and loans, but are not eligible for Federal Title IV financial aid.

Exit Requirements

The student must successfully complete the program of study with a minimum GPA of 3.0.

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