Master of Science in Accountancy (MSA)

Program of Study

The MSA degree requires completion of 30 semester hours of course work beyond the prerequisite courses. No more than 12 hours of 400-level course work may apply toward elective requirements of the MSA degree. 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 degree. No more than nine (9) elective hours taken outside the School of Business will count toward the MSA degree. At the discretion of the program director, a maximum of six (6) 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.

Each student's program of study must be approved by his or her graduate advisor. The program of study consists of three parts following completion of all admission prerequisites:

1. Foundation Courses (up to 18 semester hours): For students not having completed appropriate courses in the business disciplines within a reasonable time prior to admission, course work will be determined after evaluation of prior courses completed in the area and grades received in those courses, the time since completion of the prior course work, and other evidence of currency of their business knowledge. Determinations of deficiencies made by the program director are final. An undergraduate business degree from SIUE, or the equivalent, completed within six (6) years prior to admission to the MSA program normally will satisfy the foundation course requirements.
2. Program Courses (9 hours): ACCT 510, 580 (taken in the last semester of study), and one of the following courses: ACCT 531, 541, 561
3. Elective Courses (21 hours; the same course may not be used to meet both the program course and elective course requirements
    1. Accounting Electives (6 to 12 hours; at least 3 hours in courses numbered above 530): ACCT 401, 431, 531, 541, 550, 551, 553, 556, 557, 561, 565, 567, 581, 597
    2. Other electives (9 to 15 hours; no more than 9 hours outside the School of Business)

To remain in good standing in the MSA program, students must maintain a 3.0 (B) grade point average 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.

Academics & Library

Master of Science in Accountancy (MSA)

Admission Requirements

1. Graduate School application and $40 fee
2. Submission of all post-secondary 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 separate AACSB accounting 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 and can apply to the MSA any time after the start of the final semester of their undergraduate accounting program.
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. International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent

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

Based on the formula where the admission score equals 200 times the undergraduate grade point average (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 grade point average 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 degree. Prerequisite courses taken prior to admission to the MSA program ordinarily must have been taken within 6 years of the date the applicant is admitted. An MSA student undertaking prerequisite courses may be terminated from the program if (1) the student's grade point average calculated over all prerequisite courses taken at SIUE falls below 2.7 for more than 1 semester, (2) the student receives a grade of less than C in any prerequisite course, or (3) the student fails to make satisfactory progress.

Academics & Library

Master of Science in Accountancy (MSA)

Graduation Requirements

To graduate with the MSA degree, students must complete all program requirements and have a 3.0 grade point average 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 degree 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 degree. 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.

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 students. Examination committees will consist of the instructor of ACCT 580 and two other members of the Graduate Faculty of the School of Business appointed by the program director. For a student to pass the final examination, at least two of the three 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 course work 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.

Each student's program will be tailored to that individual so all students can follow their interests through integrated sequences of courses. The entire program is designed to place emphasis on critical thinking, research, and problem-solving. Therefore, the research requirement is not meant to be viewed as the isolated requirement of a single course but the culmination of the student's program of study.

Review the graduation policy for more information.

Academics & Library

Master of Science in Accountancy (MSA)

Specializations

- Business Analytics
  - Business Analytics
  - Taxation

Business Analytics

MSA Students may opt for a specialization in business analytics. To complete the specialization, MSA students must complete ten graduate courses including ACCT 510 and ACCT 580, any one of ACCT 531, 541, or 561, and satisfy the following Business Analytics requirements:

One course in Quantitative Methods (MBA 521 or ECON/FIN 515)
One course in Information Fundamentals (CMIS 526, ACCT 561, ECON/FIN 517 or MKTG 544)
CMIS 566 – Introduction to Business Intelligence and Analytics
Two (2) electives from the following courses: ACCT 565, CMIS 563, CMIS 564, ECON 581, FIN 525, FIN 541, MKTG 548, MKTG 560, MKTG 562, MKTG 595;
CMIS 567 - Business Analytics Capstone (3)

Depending on course selections, students may need one additional accounting elective and/or one additional free elective.

Academics & Library

Master of Science in Accountancy (MSA)

Specializations

- Taxation
  - Business Analytics
  - Taxation

Taxation

MSA Students may opt for a specialization in taxation. To complete the tax specialization, MSA students should complete ACCT 510 and 580, any one of ACCT 531, 541,or 561 as a program course, and the following electives: ACCT 550 Tax Research, ACCT 553 Taxation of Flow-Through Entities, ACCT 556 Personal Tax Planning, ACCT 557 Corporate Taxation.

Academics & Library

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 (3) hours of graduate level coursework from outside the applied communication studies curriculum, up to three (3) hours of independent study credits, and up to three (3) 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 (2) courses (six (6) hours total): ACS 500 (Seminar in Communication Theory) and ACS 501 (Communication Research Methods and Tools). The core courses must be completed with a minimum grade of B the first time that 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 course work. They will confirm their ability to conduct research in applied communication studies by submitting a thesis or applied project for six (6) 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 course work. They will confirm their ability to conduct research in applied communication studies through the research projects and papers that they complete during their course work.

Academics & Library

Applied Communication Studies (MA)

Admission Requirements

1. Graduate School application and $40 fee
2. Submission of all post-secondary 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. Submit a typed statement (of at least 500 words) about the academic and professional goals they plan to attain through their work in the graduate program
7. Submit two (2) 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 submitted via email to siueapps@siue.edu or mailed to:

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

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.

SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

Academics & Library

Applied Communication Studies (MA)

Graduation Requirements

The comprehensive examination is administered during each student's final term of course work. 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.

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

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 (3) courses in their respective areas of emphasis. These courses include:

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

Academics & Library

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 (3) courses in their respective areas of emphasis. These courses include:

- SPC 570 Survey of Health Communication Theory and Research
- SPC 571 Seminar in Provider/Caregiver-Patient Communication
- SPC 572 Seminar in Health Communication Campaigns

Academics & Library

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 (3) courses in their respective areas of emphasis. These courses include:

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

Academics & Library

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 (3) courses in their respective areas of emphasis. These courses include:

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

Academics & Library

Art Studio (MFA)

Curriculum

The full-time student should expect to spend a minimum of three (3) academic years in residency to complete the degree. 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 in major studio area
- 9 hours in Art History
- Electives: 9-18 hours (outside major studio area)
- ART 505 Seminar (3 hours)
- ART 441 Drawing (3 hours)
- ART 599a Thesis (3 hours)
- ART 599b Thesis (3 hours)
- ART 599c Exhibition (3 hours)

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 master of fine arts (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 degree includes both written and oral forms, including a thesis defense. During their final year, all candidates for the MFA degree in Art Studio must complete nine (9) semester hours of thesis. The initial draft of the thesis, a written exposition of the candidate's artwork, including, but not limited to, the final thesis exhibition, is written in ART 599a and then completed in ART 599b in consultation with the candidate's committee. In ART 599c, 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.

Academics & Library

Art Studio (MFA)

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
- Submit three (3) 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
- Program application materials may be submitted via email to siueapps@siue.edu or mailed to:
  SIUE Graduate Admissions
  Campus Box 1047
  Edwardsville, IL 62026-1047

- Submit a digital portfolio (PPT or PDF) of 20 images on CD with a list of images to:
  Graduate Program Director, Art Studio
  Department of Art and Design
  College of Arts and Sciences
  Southern Illinois University Edwardsville
  Edwardsville, IL 62026-1774
  Phone: 618-650-3183 or 618-650-3073

A committee consisting of the graduate studio faculty who offer MFA degree 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 master of fine arts (MFA) degree 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 degree 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 January 15 of the preceding spring semester. Additional applications will be considered after this date on a space available basis.

Academics & Library

Art Studio (MFA)

Graduation Requirements

The final examination for the master of fine arts (MFA) degree 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.

Academics & Library

Art Therapy Counseling (MA)

Program of Study

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

Required courses (36 hours):

ART 550 Counseling Techniques in Art Therapy
ART 552 Assessment of Individuals and Families
ART 555 Art Therapy with Group
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
SOCW 557 Substance Abuse or **SOCW 564** Substance Abuse Services

Required Options (9 hours):

(3) Studio art
(3) Psychopathology (PSYC 431, 531, or 553; or SOCW 537)
(3) Clinical application (ART 553 or 554)

Required Practicum (7 hours minimum)

Electives (8 hours)

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 (3) years of full-time study.

During their first year in the program, all students begin fieldwork and practicum 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.

Academics & Library

Art Therapy Counseling (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
- 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 Intent
- Three (3) 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 submitted via email to siueapps@siue.edu or mailed to:

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

Review the SIUE Admissions Policy for more information.

In addition to the general admission requirements of the Graduate School (which include an application fee of $40, submission of official transcripts, and a formal application to the Graduate Admissions Office), an applicant must hold a baccalaureate degree in one of the following:

- Art Studio

- Art Education

- Psychology

- A related field

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.

Academics & Library

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 hours of Practicum.

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

Review the graduation policy for more information.

Academics & Library

Biological Sciences (MA,MS)

Curriculum

Master of Arts (MA): A student may earn a master of arts degree while following the thesis plan. The MA degree requires a minimum of 32 semester hours, of which at least 21 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 (3) 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 degree. The thesis and non-thesis plans require a minimum of 32 semester hours, of which at least 21 semester hours must be in biology. There is no foreign language requirement for the MS degree.

Thesis Plan

- At least nine (9) semester hours in biology must be earned in courses numbered BIOL 415-488 or 514-590
- Required courses: Enrollment in BIOL 595 or 596 at least twice or in combination is required and must be taken under at least two (2) different faculty members. Completion of BIOL 592 at least two (2) times is required. It may be taken a maximum of four (4) times.
- Electives: Students may take up to 13 hours of electives
- Thesis: Students must complete a thesis based on the student's original research, and must enroll in at least three (3) semester hours of BIOL 599.

Non-Thesis Plan

- At least 14 semester hours in biology must be earned in courses numbered BIOL 415-488 or 514-590
- Required courses: Enrollment in BIOL 595 or 596 at least twice or in combination is required and must be taken under at least two (2) different faculty members. Completion of BIOL 592 at least two (2) times is required. It may be taken a maximum of four (4) times.
- Electives: Students may take up to seven (7) hours of electives.
- Research Paper: At least four (4), but no more than eight (8) semester hours must be taken in BIOL 591 and 593, culminating in an acceptable final research paper.

Academics & Library

Biological Sciences (MA,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
- Minimum GPA of 2.50
- Official Graduate Record Examination (GRE) test scores (verbal, quantitative and analytical). GRE test scores are not required of applicants who have an undergraduate grade point average (GPA) above 3.0 on a 4.0 scale and who are applying to the master of science (MS) or master of arts (MA) thesis or non-thesis plans.
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- 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 (2) letters of recommendation, 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.

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

All applicants must identify a faculty member who has agreed in writing to serve as a graduate mentor in order to be considered for acceptance into the program. Therefore, applicants are encouraged to contact prospective graduate mentors at the time that their application materials have all been submitted, and to contact the Biological Sciences Graduate Committee Chair for assistance in identifying faculty members who might serve as graduate mentors.

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.

Review the SIUE Admissions Policy for more information.

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

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) degree, students meet with their advisory committee for a public oral defense of the thesis or research paper.

Review the graduation policy for more information.

Academics & Library

MBA

Program of Study

The following 10 courses are required for the completion of the MBA program. In addition to the program courses which comprise 30 credit hours, four (4) elective courses or a specified concentration are required for a total of 42 credit hours to complete the MBA degree requirements.

The MBA program courses are:

ACCT 524 Accounting for MBAs
CMIS 526 Information Systems and Technology ECON 528-Managerial Economics
ECON 528 Managerial Economics
FIN 527 Corporate Finance
MBA 521 Quantitative Analysis
MBA 522 Decision Making in Organizations
MBA 523 Negotiation & Interpersonal Skills for Managers
MBA 534 Strategic Management
MKTG 525 Marketing Analysis and Applications for Managerial Decision Making
PROD 529 Operations Management and Process Analysis

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, and 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 (6) hours of 400-level course work may be used to satisfy MBA degree requirements.

A student may elect to write a thesis for not less than three nor more than six hours of credit. Thesis hours are counted as elective hours. The thesis must be defended before the candidate's advisory committee.

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.

Academics & Library

MBA

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
- Graduate Management Admission Test (GMAT) or Graduate Record Examination (GRE). Applicants who hold a PhD, MD or the equivalent in a recognized field from an accredited university need not submit a GMAT score. Applicants with a 3.5 or better GPA in undergraduate business degrees from AACSB-accredited business programs can waive the GMAT/GRE requirement.
- International students must also earn a minimum score of 550 of the paper-based TOEFL or 213 on the computer-based TOEFL.

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

Admission to the MBA program is based on a variety of factors including undergraduate grade point average, 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 grade point average (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 degree in Nursing may submit Registered Nurse/NCLEX documentation or NP, NA, CRNA, CNS, or MW certification with their SIUE MBA application for GMAT/GRE waiver consideration.

Students who are admitted to and pursuing a PharmD degree 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 course work 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 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.

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 grade point average 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 6 credit hours of course work 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. Students without a background in statistics will be required to demonstrate proficiency in statistics with either a proficiency exam or by satisfactory completion of MS 251 or an equivalent course of study. Students without background course work in computer software are encouraged to complete the equivalent of CMIS 108. Completion of MS 251 or CMIS 108 will not earn academic credit in the MBA program.

Academics & Library

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.

Review the graduation policy for more information.

Academics & Library

MBA

Specializations

- Business Analytics
  - Business Analytics
  - 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 ten 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 560, MKTG 562, MKTG 595, ECON 581, FIN 541, CMIS 564, or ACCT 565
CMIS 567 – Business Analytics Capstone (3)

Academics & Library

MBA

Specializations

- Management Information Systems
  - Business Analytics
  - Management Information Systems
  - Project Management

Specialization - Management Information Systems

Students may choose to pursue an MBA degree 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 advisers.

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.

Academics & Library

MBA

Specializations

- Project Management
  - Business Analytics
  - Management Information Systems
  - Project Management

Project Management

Students may choose to pursue an MBA degree 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. Course work addresses many of the concepts covered in the project management certification exam that is administered by the Project Management Institute.

The course work in the specialization 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 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 MBA foundation and core requirements, students choosing the project management specialization must complete twelve credit hours. The following four courses are required:

CMIS 540-3 Project Management Fundamentals and Best Practices
CMIS/MGMT 535-3 Project Management Standard Processes
CMIS/MGMT 536-1.5 Procurement Management in Projects
CMIS/MGMT 537-1.5 Project Risk Management

And, students must complete one of the following courses:

MGMT 551-3 Managing Organizational Change and Innovation or
MGMT 553-3 Seminar in Quality and Performance Management
CMIS 548-3 Program and Project Portfolio 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 and learn more about the project management profession and certification.

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

Chemistry (MS)

Curriculum

All students must complete 30 semester hours of graduate coursework with a grade point average (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:

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

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

(6 hours) **Electives:** 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 ten (10) additional hours of coursework at the 500-level are required. Up to four (4) 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.

Academics & Library

Chemistry (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Must have completed at least 36 semester hours in chemistry with an overall grade point average (GPA) of at least 3.2 on a 4.0 scale.
- For 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 that 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 (2) letters of recommendation, research papers, and honors and awards.

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

Academics & Library

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.

Academics & Library

Chemistry (MS)

3+2 BS and MS in Chemistry

The Department of Chemistry offers a five-year program leading to the Bachelor of Science (BS) and Master of Science (MS) degrees. Students with senior-level status (at least 90 semester hours) and an overall grade point average (GPA) of at least 3.0 on a 4.0 scale may be admitted to the BS/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.

Academics & Library

Civil Engineering (MS,PhD)

Courses Available

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.

For a master's, thesis and non-thesis programs of study are available.

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 (6) 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 (6) 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 (1) 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's website.

In developing a plan of study, students need to consider which courses will enable them to reach their goals as an environmental 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 adviser 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.

PhD Degree

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

Academics & Library

Civil Engineering (MS,PhD)

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
- Cumulative grade point average (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 (4) 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 submitted via email to siueapps@siue.edu or mailed to:

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

If admitted, those who do not have a bachelor of science (BS) degree in civil engineering may be required to complete prerequisite courses that are not for graduate credit. Note that a master of science (MS) degree 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 web site.

Review the SIUE Admissions Policy for more information.

SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

Academics & Library

Civil Engineering (MS,PhD)

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.

PhD Degree
After all requirements for the PhD 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.

Academics & Library

Civil Engineering (MS,PhD)

Specialized Learning Opportunities

- 3+2 BS and MS in Civil Engineering
    - Environmental/Water Resources Specialization
    - Geotechnical Engineering Specialization
    - Structural Engineering Specialization
    - Transportation Engineering Specialization
    - Civil Engineering Professional Development Sequence
    - 3+2 BS and MS in Civil Engineering

3+2 BS and MS in Civil Engineering

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

The Department of Civil Engineering offers a five-year program leading to the Bachelor of Science (BS) and the Master of Science (MS) degrees. Students with senior-level status in civil engineering (at least 90 semester hours) and an overall grade point average 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.

**SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE**

Academics & Library

Civil Engineering (MS,PhD)

Specialized Learning Opportunities

- Environmental/Water Resources Specialization
  - Environmental/Water Resources Specialization
  - Geotechnical Engineering Specialization
  - Structural Engineering Specialization
  - Transportation Engineering Specialization
  - Civil Engineering Professional Development Sequence
  - 3+2 BS and MS in Civil Engineering

Environmental/Water Resources Specialization

Students are required to complete ten (10) courses, which is 30-31 hours of advanced study. At least 15 hours must be at the 500-level. At least seven (7) 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) CE487 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 (1) or two (2) 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 (3) 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 website.

Academics & Library

Civil Engineering (MS,PhD)

Specialized Learning Opportunities

- Geotechnical Engineering Specialization
  - Environmental/Water Resources Specialization
  - Geotechnical Engineering Specialization
  - Structural Engineering Specialization
  - Transportation Engineering Specialization
  - Civil Engineering Professional Development Sequence
  - 3+2 BS and MS in Civil Engineering

Geotechnical Engineering Specialization

Course schedule in Geotechnical Engineering

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 assure that they have met the prerequisites for the courses prior to enrollment.

Students are required to complete ten (10) courses, which is 30-31 hours of advanced study. At least 15 hours must be at the 500-level. At least five (5) courses must be chosen from the following list:

- (3) CE 435 Pavement Design
- (3) CE 457 Soil Mechanics in Engineering
- (3) CE 492-10 Geological and Geotechnical Exploration
- (3) CE 492-11 Soil Improvement Methods
- (3) CE 492-12 Environmental Geotechnics
- (3) CE 548 Finite Elements
- (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

- (3) CE 596 Sustainable Engineering
- Appropriate 3 credit hour substitute to be approved by the advisor

Upon advance approval of the committee, CE 591 or 599 may be taken in place of up to two of the above courses. 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, generally listed as CE 492 or CE 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.

Other courses, may be chosen from the following approved courses. Any course not on this list must be approved by your graduate committee prior to enrollment. Without prior approval, the course will not be accepted for the M. S. in civil engineering degree. To obtain approval, write a memo to your advisor justifying the inclusion of the course in your plan of study. Include a description of the course, and, if required by your committee, a syllabus.

- CNST 461 Materials Sampling and Testing
- CNST 501 Project Management
- CNST 535 Case Studies in Construction
- ENG 491 Technical and Business Writing for Engineers
- ENSC 412\GEOG 412 Groundwater Hydrology
- GEOG 412\ENSC 412 Groundwater Hydrology
- GEOG 418 Geographic Information Systems
- IME 463\STAT 484 Reliability Engineering
- ME 575 Advanced Fluid Mechanics
- PAPA 420 Quantitative Analysis
- STAT 410 Statistical Analysis
- STAT 480 a, b Mathematical Statistics
- STAT 484\IME 463 Reliability Engineering
- GEOG 422 Remote Sensing and Digital Image Processing
- GEOG 523 Environmental Assessment and Evaluation Methods
- IME 530 Engineering and Technology Management
- IME 531 Engineering Project Management
- IME 545 Financial Engineering
- MATH 462 Engineering Numerical Analysis
- ME 544 Theory of Elasticity
- PAPA 530 Public Budgeting
- UNIV 500 Continuing enrollment

Courses taken that do not count for your MS in Civil Engineering degree will require, prior to enrollment, the signature of the department in which the course is taught.

Academics & Library

Civil Engineering (MS,PhD)

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
    - 3+2 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

Academics & Library

Civil Engineering (MS,PhD)

Specialized Learning Opportunities

- Structural Engineering Specialization
  - Environmental/Water Resources Specialization
  - Geotechnical Engineering Specialization
  - Structural Engineering Specialization
  - Transportation Engineering Specialization
  - Civil Engineering Professional Development Sequence
  - 3+2 BS and MS in Civil Engineering

Structural Engineering Specialization

Students are required to complete ten (10) courses, which is 30-31 hours of advanced study. At least 15 hours must be at the 500-level. At least seven (7) 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 (1) or two (2) 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 (3) 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 website.

Academics & Library

Civil Engineering (MS,PhD)

Specialized Learning Opportunities

- Transportation Engineering Specialization
    - Environmental/Water Resources Specialization
    - Geotechnical Engineering Specialization
    - Structural Engineering Specialization
    - Transportation Engineering Specialization
    - Civil Engineering Professional Development Sequence
    - 3+2 BS and MS in Civil Engineering

Transportation Engineering Specialization

Students are required to complete ten (10) courses, which is 30-31 hours of advanced study. At least 15 hours must be at the 500-level. At least seven (7) 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
- (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 (1) or two (2) 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 (3) 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 website.

Academics & Library

College Student Personnel Administration (MSEd)

Curriculum

Course descriptions are listed below.

- (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
- (3) EDAD 594 Final Research Project
- (3) EDAD 554 Practicum (two (2) semesters for a total of six (6) credit hours)
- (3) Elective Choose in consultation with advisor

NOTES -

- * All courses are required except EDAD 564, which can be replaced by an approved elective
- The practicum involves a minimum of 300 hours of supervised field work in at least two (2) different placements
- The student will select three (3) faculty members to serve as the committee for the research project

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

Academics & Library

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 degree prior to enrollment
- Undergraduate grade point average (GPA) of at least 2.5 or above on a 4.0 scale
- A list of professional experiences and a written statement - two (2) pages, double-spaced - 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 submitted via email to siueapps@siue.edu or mailed to:

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

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 admissions 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 (1) month before classes begin.

Academics & Library

College Student Personnel Administration (MSEd)

Graduation Requirements

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

Review the graduation policy for more information.

Academics & Library

CMIS (MS)

Program of Study

The program requires 31 semester hours and consists of seven (7) core courses, three (3) elective courses, and a final examination course. Students in the program must maintain a grade point average (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: (1) Project Management, (2) Business Analytics, (3) Systems Design, Development and Implementation, (4) Database Administration and Database Programming, and (5) 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 (1) 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.

Academics & Library

CMIS (MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary 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 grade point average (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
- Submission of Personal History Form

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

Department Admissions Process

The admission process involves two stages:

1. An administrative review of your admission packet, and
2. A review by the CMIS Graduate Committee.

Students must have at a minimum:

- 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); and
- 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 Admissions 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 (MS) in CMIS. The background courses must have been acquired within the past seven (7) years.

Proficiency in:

- Hardware and Systems Software
- One (1) 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

Academics & Library

CMIS (MS)

Graduation Requirements

Students must enroll in CMIS 589 Final Examination for one (1) 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 Computer Management and Information Systems (CMIS) core courses, and will also examine candidates on knowledge and understanding of topics covered in elective courses that they completed. The final examination may be written or oral, as determined by the faculty.

Review the graduation policy for more information.

Academics & Library

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) degree 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.

The 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 twelve (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)

Academics & Library

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) degree 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.

The 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 "live" 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 (9) credit hours. Specifically, students must complete the following courses:

- (3) CMIS/MGMT 535 Project Management Standard Processes
- (1.5) CMIS/MGMT 536 Procurement Management in Projects
- (1.5) CMIS/MGMT 537 Project Risk Management
- 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

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 and learn more about the project management profession and certification.

Academics & Library

Computer Science (MS)

Curriculum

The program requires 34 semester hours and consists of four (4) 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 (6) elective courses with six (6) semester hours of thesis. The MS project option requires seven (7) elective courses and three (3) semester hours of MS project. The final exam option requires eight (8) 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 (2) anonymous graduation surveys at the conclusion of their graduate program here.

Students in the program must maintain a grade point average (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 (3) hours of CS 596 are required for the MS project option
- 18 hours with six (6) hours of CS 599 are required for the thesis option

Up to six (6) hours of courses not listed below may be taken for graduate credit with the approval of the Computer Science (CS) 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 (2) elective courses (see list below) from outside the CS department. He/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

Academics & Library

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 grade point average (GPA) of 2.75 or above on a 4.0 scale.
5. Graduate Record Examination (GRE) general test scores taken within five (5) years from the term for which admission is sought. An applicant should have a minimum of 650/800 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 (2) 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. Applicant 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 (3) sections, or at least 217 on the TOEFL computer exam. TOEFL scores older than two (2) years from the term for which the admission is sought are not valid.
7. Submission of a statement detailing the applicant's background and career plans

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

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 (MS in CS).

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
    - or other approved courses

Academics & Library

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 (3) credit-hour elective course whose 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.

Academics & Library

Computer Science (MS)

Combined Program

3+2 BS and MS in Computer Science

The Department of Computer Science offers a five-year program leading to the Bachelor of Science (BS) and the Master of Science (MS) degrees. Undergraduates with senior-level status (at least 90 semester hours) and an overall grade point average (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.

Academics & Library

Curriculum and Instruction (MSEd)

Curriculum

Candidates for the Master of Science in Education degree with a major in Curriculum and Instruction will complete a 36-semester hour program of study, including an option in one (1) of 12 teaching fields planned in consultation with an adviser. Some students' program 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 adviser and a content faculty adviser, 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 adviser. 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. Thus, some students' programs of study will include more than 36 hours in order to satisfy this requirement.

Retention

Maintain a grade point average (GPA) of 3.0 or higher on a 4.0 scale.

The above content is concurrent with the 2016-2017 graduate catalog. Courses and information are subject to change throughout the year.

Academics & Library

Curriculum and Instruction (MSEd)

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 grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last two (2) years of the bachelor's degree program
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Complete and submit the curriculum and instruction application form, which can be obtained from the Department of Curriculum and Instruction, Founders Hall, room 1133; by phone at (618) 650-3082; or online.
- 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 (may be waived by Graduate Program Director).

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

Review the SIUE Admissions Policy for more information.

Academics & Library

Curriculum and Instruction (MSEd)

Graduation Requirements

All candidates must complete a final project. In consultation with an adviser, candidates will complete one (1) 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.

Academics & Library

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

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

Adult Continuing Education

The adult and continuing education master's program option is a series of online courses for people who work in a wide range of professions, from higher education settings to non-profit 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 health care

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 master's program option.

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

Academics & Library

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

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

Advanced Pedagogy

Specializations in Curriculum and Instruction are composed of 15 credit hours. Students should consult with their graduate program adviser to create an individualized specialization.

Academics & Library

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

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

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) degree 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 adviser 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). Thus, 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 grade point average (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. For further information, see Curriculum and Instruction.

Academics & Library

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

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

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) degree 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). Thus, 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 grade point average (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. For further information, see Curriculum and Instruction.

Academics & Library

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

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

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) degree 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 adviser 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). Thus, 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 grade point average (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. For further information, see Curriculum and Instruction.

Academics & Library

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

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

Secondary Education – Earth and Space Sciences

Specializations in Curriculum and Instruction are composed of 15 credit hours. Students should consult with their graduate program adviser to create an individualized specialization.

Academics & Library

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

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

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) degree 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 adviser 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). Thus, 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 grade point average (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. For further information, see Curriculum and Instruction.

Academics & Library

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

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

Secondary Education – Foreign Languages

Specializations in Curriculum and Instruction are composed of 15 credit hours. Students should consult with their graduate program adviser to create an individualized specialization.

Academics & Library

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

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

Secondary Education – History

The Department of Historical Studies, in cooperation with the Department of Curriculum and Instruction in the School of Education, offers a history teaching field as part of the Master of Science in Education (MSEd) degree 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 adviser 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). Thus, 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 grade point average (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. For further information, see Curriculum and Instruction.

Academics & Library

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

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

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) degree 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 adviser 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). Thus, 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 grade point average(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. For further information, see Curriculum and Instruction.

Academics & Library

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

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

Secondary Education – Physics

Specializations in Curriculum and Instruction are composed of 15 credit hours. Students should consult with their graduate program adviser to create an individualized specialization.

Academics & Library

Curriculum and Instruction (MSEd)

Specialized Learning Opportunities

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

STEM Education

15 hours: These hours are determined in consultation with a Science, Technology, Engineering and Mathematics (STEM) faculty adviser. 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.

Academics & Library

Economics and Finance (MA,MS)

Program of Study

Within the graduate student's first term of enrollment, the graduate admissions committee will oversee and direct each student's program in accordance with Graduate School policies. This committee will be responsible for monitoring the student's progress in the program.

Candidates for the MA and MS degrees must satisfactorily complete a minimum of 30 hours of graduate course work and maintain a "B" average (3.0) overall in the program. Additionally, students must maintain an overall GPA of 3.0 (A=4.0) in core courses with no more than one "C" in core courses. Required courses for either degree include ECON 501 and 502, FIN 501 and 502, and ECON/FIN 515 and 517. All candidates must complete at least 21 hours of program courses at the 500 level. Up to nine (9) hours or electives may be taken at the 400-level. Courses that count as electives toward the MA or MS in economics and finance are determined by the department. Please contact the Graduate Program Director for more information.

Candidates for both MA and MS degrees must complete an emphasis in either applied economics or finance. An emphasis in applied economics requires at least six hours of electives in economics. An emphasis in finance requires at least six (6) hours of electives in finance. Candidates for the MA degree also must complete a thesis in economics or finance for six semester hours. The graduate program director must approve all elective courses in the student's program.

Academics & Library

Economics and Finance (MA,MS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Students with an undergraduate degree in business from an AACSB accredited institution with an overall GPA of 3.5 (A=4.0) or better:
  - Students have the option not to submit GMAT or GRE scores. Instead, they must submit two letters of recommendation, preferably from faculty members at their prior institutions. Nevertheless, the applicants can always choose to submit the GMAT (Program code: 3T9CD19) or GRE scores along with their application, even if they meet the above requirement. Students in the final year of their undergraduate programs can apply to the graduate program any time after the start of the final semester of their undergraduate business program
- Students who do not meet the previous requirement (AACSB accredited institution and 3.25 GPA):
  - GMAT (Program code: 3T9CD19) or GRE scores. A typical applicant admitted to the MA or MS program has at least 50 percent and 60 percent on the verbal and quantitative portions of the examination, respectively.
  - Two letters of recommendation, preferably from faculty members at their prior institutions.

International students from a country where English is not the first language, must send official TOEFL scores. We require a score of at least 550 (paper) or 79 (internet).

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

Review the SIUE Admissions Policy for more information.

Applicants with undergraduate degrees in fields other than economics and finance or with deficiencies in economics, finance or statistics are encouraged to complete the following courses or their equivalents: intermediate microeconomics theory (ECON 301), intermediate macroeconomic theory (ECON 302), financial management (FIN 320) and statistics (MS 251 or MS 502). Credit earned to remove such deficiencies will not be applied to the graduate degree program.

Admission to the program is competitive. The program's graduate admissions committee reviews all applications. The committee makes recommendations about admission to the Graduate Program Director, whose decision is final. Decisions regarding financial assistance will be made primarily on the basis of academic merit. All inquiries about admissions should be directed to the graduate program director.

Academics & Library

Economics and Finance (MA,MS)

Graduation Requirements

All candidates for graduation with an MS or MA in economics and finance must have completed the required core courses ECON 501 and 502, FIN 501 and 502, and ECON/FIN 515 and 517 with at least a "B" (3.0) average with no more than one "C" in these core courses. Additionally, candidates must have a cumulative GPA of 3.0 (A=4.0) or higher in the economics and finance program courses overall. In addition, each candidate must give an oral representation in order to satisfy the exit requirement. Typically, one of the research projects from an eligible course in the student's curriculum is used in the exit presentation. The choice of the project for the exit presentation is subject to final approval by the graduate program director. The exit presentation will take place in the fall or spring semester that is closest to the students' graduation date and will be used as a tool for program assessment in which faculty will ask students a variety of questions covering theoretical knowledge, empirical analysis, interpretation of findings, implications for decision making in economics and finance, etc. As a general rule, at least two-thirds of the course work must be completed before the exit presentation can be made.

Candidates for the MA degree must prepare and successfully defend a thesis for six hours of credit. Upon or before completion of 21 hours, a student selects a thesis chairperson and a thesis committee of at least two additional members of the graduate faculty in consultation with the Graduate Program Director. This committee and its chairperson assume responsibility for overseeing the student's satisfactory completion of the remaining thesis requirements.

Review the graduation policy for more information.

Academics & Library

Economics and Finance (MA,MS)

Specialization

Business Analytics

MS students in economics and finance may opt for a specialization in business analytics. To complete the specialization, MS students must satisfactorily complete a minimum of 30 hours of graduate course work as outlined in the Program of Study in the graduate catalog and satisfy the following business analytics requirements:

(3) ECON/FIN 515-Quantitative Methods
(3) ECON/FIN 517-Information Fundamentals
(3) CMIS 566-Introduction to Business Intelligence and Analytics
(3) CMIS 567-Business Analytics Capstone and
Two (2) electives from FIN 525, FIN 528, or ECON 581.
(Electives must be approved by the Graduate Program Director)

Academics & Library

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 & 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 & 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 & 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: Socio-cultural Foundations of Education

Field-Based Internship Courses:

EDAD 525b (3) – Instructional Leadership & 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

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

Educational Administration - Principal (MSEd, EdS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Master of Science in Education degree or its equivalent; 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
- All applicants must complete the Professional Experience Form to 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.
- Applicants must complete an admissions portfolio and a personal interview (or comparable out of state equivalent).

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

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; and 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.

Academics & Library

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 of Educational Leadership of Southern Illinois University Edwardsville.

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 degree candidates must complete a program portfolio.

Review the graduation policy for more information.

Academics & Library

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 towards endorsement on a case by case basis.

Lecture Courses:

EDAD 500 (3) – Introduction to School Leadership
EDAD 520 (3) – School Law
EDAD 525a (3) – Instructional Leadership & 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 & 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

Academics & Library

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)

Academics & Library

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 complete the Professional Experience Form to 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.
- Applicants must complete an admissions portfolio and a personal interview (or comparable out of state equivalent).

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

Review the SIUE Admissions Policy for more information.

Academics & Library

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.

Academics & Library

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)

Academics & Library

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 & 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 & 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: Socio-Cultural Foundations
EDAD 525a (3) – Instructional Leadership & 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 & Practice
IT 550 (3) – Emerging Technologies in Education
IT 560 (3) – Leadership in Educational Technology

Practicum:
EDAD 550 (3) – Teacher Leader Practicum

Academics & Library

Educational Administration - Teacher Leader (MSEd, EdS)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- A Master of Science in Education degree 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 must complete the Professional Experience Form to 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 submitted via email to siueapps@siue.edu or mailed to:

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

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; and 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.

Academics & Library

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 of Educational Leadership of Southern Illinois University Edwardsville.

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

Academics & Library

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 towards Endorsement on a case by case basis.

Program Admission:
EDAD 500 (3) – Introduction to School Leadership

Lecture Courses:
EDAD 525a (3) – Instructional Leadership & 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 & Practice
IT 550 (3) – Emerging Technologies in Education
IT 560 (3) – Leadership in Educational Technology

Practicum:
EDAD 550 (3) – Teacher Leader Practicum

Academics & Library

Electrical 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 a minimum of one course from the following list:

- ECE 532, 539, 552, 562, 572, or 574.

Up to six hours may be taken in out of department courses. The out of department courses must be approved by the advisor or be on the pre-approved list, which can be found at siue.edu/engineering/ece/masters_ee.shtml

The out of department courses are typically from the School of Engineering or are math or physics courses.

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 6 credit hours. The student will be guided by the adviser 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 adviser with the assistance and concurrence of the advisory committee.

Academics & Library

Electrical Engineering (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 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 submitted via email to siueapps@siue.edu or mailed to:

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

Applicants should normally have a baccalaureate degree in electrical 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 engineering comparable to the United States bachelor's degree.

Applicants with degrees other than a baccalaureate degree in electrical engineering will be considered on an individual basis. Those with baccalaureate degrees in science and engineering, other than electrical engineering, may be admitted, subject to completion of appropriate undergraduate electrical 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 adviser. Students are urged to file an approved plan of study with their academic adviser by the end of the first term of enrollment in the program.

Review the SIUE Admissions Policy for more information.

Academics & Library

Electrical 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.

Academics & Library

Electrical Engineering (MS)

Combined Program

3+2 BS and MS in Electrical Engineering

The Department of Electrical Engineering offers a five-year program leading to the Bachelor of Science (BS) and Master of Science (MS) degrees. Students with senior level status (at least 90 semester hours) and a grade point average 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.

Academics & Library

English - Creative Writing (MA)

Curriculum

The Specialization in Creative Writing is designed for the student interested in pursuing the art of writing fiction or poetry. Students pursuing this specialization 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.

Completion of the program requires at least 30 hours. However, students may enroll in an optional second unit of thesis hours for a total of 33 hours. Students are required to complete the following primary courses (18 hours):

- Required Thesis (3-6 hours): ENG 599
- Required Literature (9 hours): Students are required to complete three (3) graduate-level literature courses in consultation with their adviser. At least one (1) of which must be in the contemporary period, and at least one (1) choice must be 500-level.
- Workshop (12 hours): ENG 593 Poetry workshop (taken four (4) times), or ENG 592 Fiction workshop (taken four (4) times)
- Electives (6 hours): Electives may be any graduate-level course offering, an additional unit of thesis hours, or a workshop in the student's minor genre (492 or 493).

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

Academics & Library

English - Creative Writing (MA)

Admission Requirements

- Graduate School application, $40 fee, and submission of all academic transcripts
- Three (3) letters of recommendation
- A one-page Statement of Purpose
- Either two (2) complete prose works (short stories, novel chapters, and/or creative non-fiction pieces), or 10 poems, depending upon genre of interest.

For applicants to the Specialization in Creative Writing, there is a requirement of one (1) year of college-level coursework (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.

Academics & Library

English - Creative Writing (MA)

Graduation Requirements

As a thesis, students will submit a book-length, publishable manuscript of poetry (a minimum of roughly 48 pages), prose (a minimum of usually 150 pages), or some hybrid text (length is variable, but at least 48-150 pages). Successful completion of the thesis defense constitutes completion of ENG 599.

Review the graduation policy for more information.

Academics & Library

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
    - One course at the 400- or 500-level selected from four of the following six periods: Medieval; Renaissance (1500-1660); 18th Century (1660-1800); 19th Century British; Colonial and 19th Century American; and 20th Century American and/or British.

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.

In consultation with a graduate program advisor, the student selects one of two plans to complete the program requirements:

- **Thesis plan (30 hours):** Enroll in ENG 599 and submit an acceptable thesis in any area of the field.
- **Three paper plan (30 hours):** Enroll in ENG 598 and prepare three 20-page papers based on a reading list established in consultation with the candidate's committee.
- **Oral Examination plan (36 hours):** Complete an additional six hours of course work at the 500-level within the discipline and prepare for an oral examination on a reading list developed in committee.

Post-Baccalaureate Certificate - 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.

Admission

In addition to fulfilling the general requirements of the Graduate School, (which include an application fee of $40, submission of official transcripts, and a formal application to the Graduate Admissions Office), 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 Advisor 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.

Program of study:

Eighteen (18) hours of coursework (six courses) are required for completion of the program, of which at least nine hours (three 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 course among the following (providing that at least two fo these are at the 500 level)

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

508 Major Author Studies

521 Topics in Literature and Culture

526 Studies in African-American Texts

570 Teaching African-American Oral and Written Literature

578 Gender, Language and Pedagogy

Academics & Library

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 submitted via email to siueapps@siue.edu or mailed to:

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

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.

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

English Language and Literature (MA)

Graduation Requirements

The mode of final examination is dependent on the activity selected by the student. In both the thesis and three-paper options, the student must pass a one-hour oral defense.

Review the graduation policy for more information.

Academics & Library

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

At least half of the six courses must be 500-level.

Required courses (6 hours): ENG 501 and 502

Electives (12 hours): Students may distribute their remaining four course selections among several of the following categories or they may concentrate on one or two of the categories.

Old English and Medieval British Literature: 404, 406, 421, 505
Renaissance and 17th Century British Literature: 413, 422, 423, 460, 471a, 471b, 473, 506
18th Century British Literature: 424, 454, 461, 508
19th Century British Literature: 426, 427, 455, 510
Modern British Literature: 428, 456, 462, 482, 515
Pre-20th Century American Literature: 431, 434, 439, 518
Modern American Literature: 432, 435, 437, 440, 441a, 441b, 482, 515
Gender and Ethnic Studies: 446, 457, 478, 526, 570
Literary Criticism and Theory: 495, 501, 502
Variable Topic Course: 443, 465, 521

Academics & Library

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, 416, 468, 542, 545

Electives (9-12 hours): ENG 405, 408, 409, 417, 418, 470, 472, 474, 540, 541, 543, 544, 597

Final Course or Thesis (three to six hours): ENG 595 or ENG 599-6

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.

Post-Baccalaureate Certificate - 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, 416, 468, 542.

Electives (6 hours) selected from: ENG 540, 541, 543, 544, 597.

Academics & Library

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
- 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 submitted via email to siueapps@siue.edu or mailed to:

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

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.

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

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.

Academics & Library

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 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.

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, 416, 468, 542.

Electives (6 hours) selected from: ENG 540, 541, 543, 544, 597.

Academics & Library

English - Teaching of Writing (MA)

Curriculum

Required primary courses (18 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 exam)

One of the secondary courses can also be fulfilled with one of the following linguistics courses: ENG 400, 541 or 544.

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, 541, or 544.

Elective course (three 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 advisory (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
587 Politics of Composition Pedagogy
588 History of Rhetoric I - The Classical Period to the Renaissance
589 History of Rhetoric II - The Enlightenment to Today
592 Creative Writing

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

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 which must be accompanied by access waiver forms (available from the Department's website or from the graduate program director in the Department of English)
- 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 submitted via email to siueapps@siue.edu or mailed to:

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

Review the SIUE Admissions Policy for more information.

Academics & Library

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.

SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

Academics & Library

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 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.

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

Academics & Library

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 511

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.

Academics & Library

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 submitted via email to siueapps@siue.edu or mailed to:

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

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 Admissions Policy for more information.

Academics & Library

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.

Academics & Library

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.

Academics & Library

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 submitted via email to siueapps@siue.edu or mailed to:

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

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.

Academics & Library

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.

Academics & Library

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

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

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

Academics & Library

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

Academics & Library

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

Academics & Library

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

Academics & Library

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 (18 hours) include GEOG 520, 521, 522, 597 plus one seminar in geography. Electives (18 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.

Academics & Library

Geography (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
- 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

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

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 before beginning 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.

Academics & Library

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 597 (Graduate Research Project) with a grade of C or better. GEOG 597 is usually completed in two semesters. Students should register for GEOG 597 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.

Academics & Library

Geography (MS)

Geographic Information Systems (GIS)

The Professional Development Sequences (PDS) in Geographic Information Systems (GIS) were originally developed by the Department of Geography with the support of the Schools of Business and Engineering. Three separate sequences were developed to accommodate the growing demand for practitioners in this new, specialized field which combines geographic information and graphics technology. In addition, since their origination, these sequences have been regularly updated to remain current with advances in technology and the changing needs of many user groups including the social, natural, physical, and applied sciences.

The PDS in GIS is, therefore, valuable to graduate students and professionals from many diverse fields such as economic development, real estate, environmental assessment, resource management, urban and regional planning, public administration, and health services. These course sequences provide the requisite education and training needed to understand GIS methodology and technology, and how to apply it to one's particular field. This methodology is particularly valuable for applications requiring area definition coupled with demographic, environmental, and market research and analysis.

ADMISSION

Graduate students who are officially admitted to and in good standing with the Graduate School may enroll in a GIS PDS provided they have the approval of the Geography graduate adviser and PDS coordinator. As long as the student is enrolled in the PDS, the student will have unclassified graduate status. Students desiring to acquire this specialized GIS training through a degree program (geography, business administration, or civil engineering), must follow the procedures necessary for admission to that degree program. A student completing the first PDS may apply up to three courses (nine semester hours) toward the elective hour requirement for a graduate degree in geography, provided the stipulations for transfer credit are met.

PROGRAM OF STUDY

The first PDS (Principles and Concepts of Geographic Information Systems) includes: GEOG 418 (Geographic Information Systems), GEOG 422 (Remote Sensing and Digital Image Processing), GEOG 423 (Computer Mapping), and GEOG 520 (Research Methods in Geography). The second PDS (Applied Geographic Information Systems) is comprised of: GEOG 424 (Vector Based GIS), GEOG 425 (Raster Based GIS), and GEOG 450 (Topics in Geography) or GEOG 427 (Internship). The third PDS (Advanced Geographic Information Systems) requires GEOG 522 (Techniques in Geography), GEOG 525 (Seminar in GIS), and GEOG 590 (Independent Study). Depending on the level of GIS education and training desired, a student may take only

the first PDS, the first and second PDS, or all three. Completion of each sequence is a prerequisite for enrollment in the next.

Academics & Library

Healthcare Informatics (MS)

Program of Study

NURS 509-3: Interdisciplinary Healthcare Informatics
Introduces informatics technology and theory. The focus then shifts to searching, managing and evaluating data, analyzing information systems, and integrating technology into practice.

CMIS 535-3: 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.

PBHE 455-3: Introduction to Epidemiology
Causes, prevention, control of communicable, chronic and degenerative diseases in various community settings. Examination of statistical measures and methods for organizing vital statistics.

CS 434-3: 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.

CS560-3: Information Discovery in Electronic Healthcare Records
Surveys analytical techniques for discovering information in electronic healthcare record systems through data mining, text mining and human-driven visual analytic techniques.

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

CMIS 557-3: Enterprise Resource Planning (ERP)
Introduces ERP software in the business environment and is explored using SAP. A risk-management approach will be emphasized.

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.

IT 508-3: Seminar in IT: Instructional Design and Media Selection for Healthcare Informatics
Provides a foundation in systematic instruction design (ISD). The course focus includes the various activities

of the ISD process. This course also will address the several aspects of media and its capabilities as a delivery tool for instruction.

During this capstone, you will initiate the information systems design project. You will conduct a feasibility study to determine the project scope and objectives, alternative design options, and cost-effectiveness.

NURS 512-3: Managing Quality and Safety in Healthcare

A discussion of an examination of processes and integration of concepts used to measure and improve quality and effectiveness of healthcare. Research statistics and quality data will be examined and analyzed.

During this capstone, you will develop the requirements for the information systems design project, a detailed analysis of the existing system and logical systems design for the proposed systems (e.g. the requirements specification).

CMIS 588: 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.

HCIM 596abc: CapstoneI, II, III

During this capstone, you will implement the information systems design project. You will focus on detailed systems design, including program design, configuration, test planning and systems implementation, which includes training, testing, documentation, data migration, quality assurance and information security.

Academics & Library

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
- 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 submitted via email to siueapps@siue.edu or mailed to:

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

Review the SIUE Admissions Policy for more information.

Admission Deadlines

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

Academics & Library

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.

Academics & Library

History (MA)

Program of Study

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. Students entering in the 2017-2018 academic year will 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. All students must demonstrate a reading knowledge of a foreign language (modern or classical) either by special examination or by completion of two years of college level study in a single language with an average of C or better. Candidates for the Master of Arts degree in history may pursue one of the two following plans of study:

Thesis Option

Students complete 33 hours of graduate credit, 6 of which represent the History and Theory class (HIST 555); 3 are the Graduate Seminar in Historical Research (HIST 556) and 6 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 History and Theory class (HIST 555) (6 credit hours) and the Graduate Seminar in Historical Research (HIST 556) (3 credit hours). Exam option students also enroll in 6 credit hours of Readings for Exams (HIST 598). Students must earn the grade of "B" or better in each course counting toward their graduate degree, with the exception of foreign languages.

Suggested areas of emphasis can include:

U.S. to 1877 Ancient Cultural History

U.S. since 1877 Medieval Europe African Diaspora

U.S. Economic History Early Modern Europe Gender History

African-American History Modern Europe Intellectual History

Middle Eastern History Asian History

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.

![Southern Illinois University Edwardsville logo]

Academics & Library

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
- 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 submitted via email to siueapps@siue.edu or mailed to:

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

Review the SIUE Admisions Policys for more information.

Application Deadline

All application materials are due by February 1. 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. Typically, applicants will be considered for entry only for the fall semester. Admission for spring or summer term may be arranged for exceptional circumstances. Applicants may petition the graduate program director to make these arrangements.

COOPERATIVE DOCTORAL PROGRAM

Faculty in the Department of Historical Studies participate with History Department faculty at Southern Illinois University Carbondale in offering a cooperative program leading to the Doctor of Philosophy degree 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, contact the department directly at either Carbondale or Edwardsville.

To review the cooperative doctoral program requirements, please visit cola.siu.edu/history/graduate/phd-program/index.php.

Academics & Library

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 course work, 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 course work, 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 15th of the preceding Fall Semester; students intending to take examinations in the Fall Semester must declare their intention to do so by April 1st of the preceding Spring Semester. Declaring their intention to take exams requires them 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 1st and an oral examination based on the written exams and the portfolio must be held by April 15th. Fall Semester written exams must be completed by November 15th and an oral examination based on the written exams and the portfolio must be held by December 5th. Generally, master's exams will not be scheduled during the Summer Term.

Review the graduation policy for more information.

Academics & Library

History (MA)

Museum Studies

The SIUE Certificate in Museum Studies in accredited by the National Schools of Art and Design and offers a structured introduction to museums and related professions. 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. Students graduate with foundations in museum theory, legal and ethical standards, collections management and exhibition production, and complete an internship at area institutions. Interdisciplinary electives from Anthropology, Historical Studies, Instructional Technology and PUblic Administration and Policy Analysis allow students to create a comprehensive program. SIUE's University Museum also offers students access to an excellent teaching collection and public student art.

The Certificate can be taken in conjunction with a MA in History and Museum Studies, a MPA in Public Administration and Policy Analysis, and a Master of Integrative Studies in Cultural Heritage and Resource Management. Students can also elect to receive the certificate alone. Students may attend full or part-time.

SIUE's Museum Studies Program is accredited by the National Schools of Art and Design https://nasad.arts-accredit.org/.

The Museum Studies Program's internship requirements have placed students institutions such as the: Missouri History Museum, National Archives and Records Center, National Park Service, St. Louis Zoo, St. Louis Science Center, Campbell House, Peoria Historical Society, St. Louis County (Jefferson Barracks), St. Louis Court Archives, Edwardsville Children's Museum, St. Louis Holocaust Museum and Learning Center, Col. Benjamin Stephenson House (Edwardsville), The Gardens at SIUE, SIUE University Museum, and Cahokia Mounds in Collinsville, IL.

Graduates from this program have gone on to work at institutions like the St. Louis Science Center, National Archives and Records Administration, Abraham Lincoln Presidential Museum and Library, Archdiocese of Chicago, Rogers Historical Museum, The Filson Historical Society (KY), and the Missouri Historical Society.

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ADMISSION

Applicants must have an earned BA or BS, have maintained a 3.0 undergraduate grade point average, and submit transcripts, two letters of recommendation, and a letter of interest. The two letters of

recommendation and the letter of interest are to be mailed directly to the department. Applicants to the post-baccalaureate certificate in museum studies must have at least an 18-hour minor in history.

PROGRAM OF STUDY

This program entails the completion of 21 hours of course work, 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 the grade of "B" or better in each course counting toward their post-baccalaureate certificate.

EXIT REQUIREMENTS

The student must successfully complete the program of study.

Academics & Library

Industrial Engineering (MS,PhD)

Program of Study

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.

Academics & Library

Industrial Engineering (MS,PhD)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Undergraduate grade-point average 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 submitted via email to siueapps@siue.edu or mailed to:

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

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.

Academics & Library

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.

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

Industrial Engineering (MS,PhD)

Combined Program

3+2 BS and MS in Industrial Engineering

Students in this accelerated program can get both B.S. and M.S. degrees in IE in five years. 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 B.S. degree. 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 M.S. degree: a thesis option with 30 credit hours of graduate level courses and a non-thesis option with 33 credit hours of graduate level courses. If you have any question on this matter, please contact Dr. Xin Chen, IE Graduate Program Director, at xchen@siue.edu.

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

Instructional Technology (MSEd)

Curriculum

Students must complete 36 semester hours for the M.S.Ed. 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 that they need for the 21st Century job market. The courses for each emphasis are listed below.

Distance Education

IT505 - Needs Assessment and Program Evaluation
IT510 - Instructional Systems Design
IT567 - Online Teaching Tools
IT568 - Design and Development of Online Lessons, Modules, and Courses
IT569 - Facilitating Online Classrooms

One Educational Psychology Course, chosen from the following: EPFR514 - College Student Learning and Development or EPFR515 - Issues in Learning Theory

One Analysis of Educational Issues Course, chosen from the following: EPFR451 - Gender and Education, EPFR520 - Philosophical-Historical Foundations, EPFR521 - Socio-Cultural Foundations, EPFR522 - Diversity in Higher Education

Educational Technologies

IT481 - Computers in Education: Theory and Practice
IT550 - Emerging Technologies in Education
IT560 - Leadership in Educational Technology

One Distance Education Course, chosen from the following: IT540 - Distance Education, IT567 - Online Teaching Tools, IT568 - Design and Development of Online Lessons, Modules, and Courses, IT569 - Facilitating Online Classrooms

One Educational Research Course, chosen from the following: EPFR501 - Research Methods, EPFR502 - Qualitative Inquiry in Education, EPFR503 - Research Methods in Higher Education, IT505 - Needs Assessment and Program Evaluation in Instructional Technology

One Educational Psychology Course, chosen from the following: EPFR514 - College Student Learning and Development or EPFR515 - Issues in Learning Theory

One Analysis of Educational Issues Course, chosen from the following: EPFR451 - Gender and Education, EPFR520 - Philosophical-Historical Foundations, EPFR521 - Socio-Cultural Foundations, EPFR522 - Diversity in Higher Education

Instructional Design and Performance Improvement

IT505 - Needs Assessment and Program Evaluation
IT510 - Instructional Systems Design
IT520 - Performance Technology
IT530 - Managing Instructional Development

One Distance Education Course, chosen from the following: IT540 - Distance Education, IT567 - Online Teaching Tools, IT568 - Design and Development of Online Lessons, Modules, and Courses, IT569 - Facilitating Online Classrooms

One Educational Psychology Course, chosen from the following: EPFR514 - College Student Learning and Development or EPFR515 - Issues in Learning Theory

One Analysis of Educational Issues Course, chosen from the following: EPFR451 - Gender and Education, EPFR520 - Philosophical-Historical Foundations, EPFR521 - Socio-Cultural Foundations, EPFR522 - Diversity in Higher Education

Academics & Library

Instructional Technology (MSEd)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary transcripts
- Successful completion of a bachelor's degree 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 submitted via email to siueapps@siue.edu or mailed to:

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

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

Review the SIUE Admissions Policy for more information.

Academics & Library

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.

Academics & Library

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). One is classroom technologies; the other is in web-based learning. Both certificates are 100 percent online.

Admission and Retention for the PBCs

The general requirements for admission for the Post-Baccalaureate Certificates 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 (9) 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 course-work, 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.

Academics & Library

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 percent online. The four Professional Development Sequences are Emerging Technologies, Instructional Design, Online Pedagogy and 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.

Academics & Library

Instructional Technology (MSEd)

Specialized Learning Opportunities

- Instructional Design 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 percent online. The four Professional Development Sequences are Emerging Technologies, Instructional Design, Online Pedagogy and 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.

Academics & Library

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 percent online. The four Professional Development Sequences are Emerging Technologies, Instructional Design, Online Pedagogy and 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 professional development sequence 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.

Academics & Library

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 percent online. The four Professional Development Sequences are Emerging Technologies, Instructional Design, Online Pedagogy and 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 sequence 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.

Academics & Library

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). One is Classroom Technologies; the other is in web-based learning. Both certificates are 100 percent online.

Admission and Retention for the PBCs

The general requirements for admission for the Post-Baccalaureate Certificates 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, non-profit 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 course-work, 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.

Academics & Library

Integrative Studies (MA,MS)

Admission Requirements

- Graduate School application and $40 fee
- Official copies of all post-secondary 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 submitted via email to siueapps@siue.edu or mailed to:

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

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.

1. 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.

2. Applicants who choose to create an individualized curriculum must do so in consultation with graduate faculty members in at least two departments.

- An official representative of each department (i.e., the Chair or Graduate Program Director) must indicate approval of the curriculum by signing the curriculum form/MOU and indicate whether the degree will be a master of science or master of arts.

- The Director of Integrative Studies will review the proposed curriculum within 10 business days of submission.
- The Director can approve, require modifications to, or disapprove the curriculum.
- An applicant may appeal the decision to the Dean of the Graduate School, whose decision is final.

Review the SIUE Admissions Policy for more information.

Academics & Library

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.

Review the graduation policy for more information.

Academics & Library

Integrative Studies (MA,MS)

Integrative Studies - Applied Environmental and Communication Studies (MS)

Communications with an environmental or scientific message can be found everywhere-on the web, television, magazines and newspapers. Effectively communicating the importance of taking care of the environmental is vital in many fields as different entities compete for public support. These messages can involve conservation of resources, promotion of products or education regarding community programs, among others. To be able to effectively get the message across, it is crucial that the individual formulating the message has a clear understanding of the interdisciplinary nature of environmental sciences. The applied environmental and communication studies program combines interdisciplinary scientific knowledge with diverse communication tools.

Career Outlook

Graduates with strong communication skills and an interdisciplinary understanding of environmental issues, laws and policies will be sought after by conservation and advocacy organizations, private corporations and government agencies.

Curriculum

Students will take courses in the Department of Applied Communication Studies and Environmental Sciences program, according to the master's in integrative studies program requirements:

- 30 credit hours of graduate-level courses, 15 credit hours of which are from the Department of Applied Communication Studies and 15 credit hours from the Environmental Science program.
- All students will complete seven credit hours of integrative studies thesis or non-thesis capstone work.

Required Courses

Applied Communication Studies

(3) ACS 501 Communication Research Methods and Tools

Four (4) courses from the following:
(3) ACS 541 Seminar in Organizational Culture

(3) ACS 542 Communication Consulting
(3) ACS 550 Seminar in Public Relations
(3) ACS 551 Nonprofit Public Relations
(3) ACS 552 Corporate Social Responsibility
15 - Total Credits

Environmental Sciences Program

(3) ENSC 510 Advanced Environmental Sciences and Policy
(3) ENSC 511 Environmental Policy
(3) ENSC 512 Environmental Law
(3) ENSC 516 Environmental Impact Analysis (Same as BIOL 516 and GEOG 524)
(3) ENSC 550 Applied Ecology (Same as BIOL 564)
15 - Total Credits

Integrative Studies Capstone Project

(1) 500 Integrative Studies Proposal Development
(6) 599 Thesis or (6) 593 Non-Thesis Capstone
7 - Total Credits

Faculty

Zhi-Qing Lin, PhD
Environmental Sciences Program

Min Liu, PhD
Department of Applied Communication Studies

Academics & Library

Integrative Studies (MA,MS)

Integrative Studies - Cultural Education Advocacy (MA)

Studies have shown that art and cultural learning opportunities in schools promote better academic performance that eventually lead to higher graduation rates. In addition, students exposed to the arts and culture tend to develop better critical thinking skills and time management skills, which are crucial in helping to prepare them for success in college and the work place. Yet in tough financial times, art and culture are among the first to be cut from school programs. The cultural education advocacy program is geared toward those who aspire to be the voice for maintaining and potentially strengthening the presence of the art and cultural education in schools, as well as promoting arts and culture in the community.

Career Outlook

An integrative studies degree in cultural education advocacy from SIUE prepares students for a wide variety of careers, including work in museums, art galleries, cultural institutions and academia, as well as doctoral programs. Graduates may also gain employment as archivists, curators and other artistic or historical collection positions. According to the Bureau of Labor Statistics, career growth as art historians and cultural education advocates is projected to be significant, with the field's anticipated growth of seven percent by 2024. Currently, median pay range in the field is approximately $46,710 annually.

Curriculum

Students will take courses in the departments of Art and Design and Historical Studies, 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 Department of Art and Design and 18 credit hours from the Department of Historical Studies.
- All students will complete seven credit hours of integrative studies thesis or non-thesis capstone work.

Required Courses

Art and Design

Four (4) courses from the following:

(3) ART 424 Baroque Art
(3) ART 449 Italian Renaissance Art

(3) ART 451 Northern Renaissance Art
(3) ART 467 Islamic Art and Architecture
(3) *ART 470 Topics in Art History
(3) ART 471 Topics in Renaissance and Baroque Art
(3) ART 472 Topics in Modern Art
(3) ART 473 Women in Art
(3) ART 474 Topics in Public Art
(3) ART 475 History of Photography
(3) ART 476 History of Modern Architecture and Design
(3) ART 481 Modern Art
(3) ART 482 Contemporary Art

*Topic must be approved by Dr. Katherine Poole-Jones

Historical Studies

One (1) course from the following:

(3) HIST 404a Topics in Medieval Social, Religious and Intellectual History
(3) HIST 424 Topics in East European History
(3) HIST 428 Topics in European Women's History
(3) HIST 443 Origins of the American Civil War
(3) HIST 470 Preserving the American Past

Five (5) courses from the following:

(1-3) HIST 500a-d History Seminar
(3) *HIST 510 Readings in History
(3) HIST 515 Problems in 20th Century United States History
(3) HIST 554 Problems in 19th Century America
(3) HIST 580 Museum Studies (Same as ART 580)
(3) HIST 581 Management of Museum Collections (Same as ART 581)

*Can be taken for a maximum of three (3) hours only

Integrative Studies Capstone Project

(1) 500 Integrative Studies Proposal Development
(6) 599 Thesis **or** (6) 593 Non-Thesis Capstone
7 - Total Credits

Faculty

Katherine Poole-Jones, PhD
Department of Art and Design

Carole Frick, PhD
Department of Historical Studies

Academics & Library

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 curation. Students take courses in two (2) 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 (2) 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 (2) departments (e.g., 15 hours and 15 hours) or 40:60 (e.g., 12 hours and 18 hours).
- Of the minimum required credits, students may take up to three (3) 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 (9) credits of course work from that department.
- All students will complete seven (7) credit hours of integrative studies thesis or non-thesis capstone work.

Anthropology Courses

(3) 404 Anthropology and the Arts
(3) 420 Museum Anthropology
(3) 430 Zooarchaeology
(3) 432 Prehistory of Illinois
(3) 435 American Material Culture
(3) 469 Forensic Anthropology
(3-6) 473 Ethnographic Field School
(3-6) 474 Biological Anthropology Field School
(3-6) 475 Archaeological Field School
(3) 476 Cultural Resource Management
(3-6) 586 Advanced Readings in Anthropology
(3-6) 590 Museum Internship

Geography Courses

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

Historical Studies Courses

(3) 447 Approaches to Oral History
(3) 470 Preserving the American Past

(1) 555 History Colloquium
(1) 556 History Colloquium
(3) 580 Museum Studies
(3) 581 Management of Museum Collections
(3) 590 Internship in Museology

Integrative Studies Capstone Project

(1) 500 Integrative Studies Proposal Development
(6) 599 Thesis or (6) 593 Non-Thesis Capstone

Academics & Library

Integrative Studies (MA,MS)

Integrative Studies - Diversity Issues and Global Affairs (MS)

In the fiercely competitive global market, it is important for organizations to have managers who embrace diversity and inclusion. Diversity is about accepting and supporting various types of people, who advocate for different things and embody different cultures, generations, ideas, and ways of thinking. The diversity issues and global affairs program aims to educate and empower students to take the lead in creating cutting edge programs and opportunities for multicultural education and intercultural understanding.

Career Outlook

A master's degree in diversity issues and global affairs prepares students for careers in applied fields relating to both American and international politics, organizational diversity and inclusion, within education systems around the world, as well as many other opportunities.

Admission Requirements

Applicants must have a completed baccalaureate degree with a minimum GPA of 3.0. In addition, applicants must submit a letter of intent providing evidence of their preparation and experience leading to the undertaking of this program. Applicants may be required to complete prerequisites or resolve any deficiencies before classified status is approved.

Curriculum

Students will take courses in the departments of Political Science and Educational Leadership, according to the master's in integrative studies program requirements:

- 30 credit hours of graduate-level courses, 15 credit hours of which are from the department of Political Science and 15 credit hours are from the department of Educational Leadership.
- All students will complete seven credit hours of integrative studies thesis or non-thesis capstone work.

Required Courses

Political Science

Five courses from the following:

POLS 441 – Women and Politics in America
POLS 459 – Topics in Comparative Politics
POLS 472 – International Organizations
POLS 473 – United States Foreign Policy
POLS 479 – Topics in International Relations
POLS 595 – Individual Research

Educational Leadership

EPFR 451 – Gender and Education
EPFR 520 – Analysis of Educational Issues: Philosophical-Historical Foundations
EPFR 521 – Analysis of Educational Issues: Socio-Cultural Foundations
EPFR 522 – Diversity in Higher Education
EPFR 563 – Selected Topics in Foundations of Education

*At least half of the 30-credit hour course work must be at the 500 level.

Integrative Studies Capstone Project
500-1 - Integrative Studies Proposal Development
599-6 - Thesis or 593-6 - Non-Thesis Capstone

Faculty

Andrew Theising
Political Science

Jennifer Logue
Educational Foundations

Academics & Library

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 an integrative studies degree 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.
- All students will complete seven (7) credit hours of integrative studies thesis or non-thesis capstone work.

Required Courses

School of Business

Four (4) courses from the following:

(3) MBA 522 Decision Making in Organizations
(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 (2) 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 (4) 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 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) 500 Integrative Studies Proposal Development
(6) 599 Thesis or (6) 593 Non-Thesis Capstone
7 - Total Credits

Faculty

Janice Joplin, PhD
School of Business

Xin Chen, PhD
Department of Mechanical and Industrial Engineering

Janice Joplin, PhD
School of Business

Academics & Library

Integrative Studies (MA,MS)

Integrative Studies - Information Systems and Graphic Design (MS)

Database administration and web development are critical components for any business. In today's business environment, where volumes of data are generated and technology is ever changing, it is important to acquire skills in information systems and graphic design. Being able to organize crucial information internally is as important as the way the same information is presented to consumers of data. The information systems and graphic design program at SIUE is geared toward those who aspire to help organizations successfully manage their business processes and visual communication.

Career Outlook

A master's of integrative studies in information systems and graphic design can lead to a multitude of career paths in technology, as well as entry into doctoral programs. Gaining multidisciplinary computing knowledge, the degree will provide students with knowledge to develop and design web content, while also providing the background for website and database management. According to the Bureau of Labor Statistics, the career outlook in these areas is promising, with the information systems field anticipated to grow 15 percent by 2024. The median pay range for graphic designers and information systems managers is currently $46,900-$131,600 annually.

Curriculum

Students will take courses in the Departments of Art and Design and Computer Management and Information Systems, according to the master's in integrative studies program requirements:

- 30 credit hours of graduate-level courses, 15 credit hours of which are from the Department of Art and Design and 15 credit hours from the Department of Computer Management and Information Systems.
- All students will complete seven (7) credit hours of integrative studies thesis or non-thesis capstone work.

Required Courses

Art and Design

15 credit hours from the following:

(3) ART 412 Research in Graphic Design
(3) ART 415 Visual Identity: Logo and Branding Design
(3-6) ART 513 Research in Digital Arts
(3-6) ART 514 Advanced Graphic Design
12-15 - Total Credits

Optional:
(3) ART 440 Publication and Information Design

Computer Management and Information Systems

(3) CMIS 472 End User Systems Support
(3) CMIS 526 Information Systems and Technology
(3) CMIS 563 SQL-PL/SQ
(3) CMIS 564 Database Design
(3) CMIS 566 Introduction to Business Intelligence and Analytics
15 - Total Credits

Integrative Studies Capstone Project

(1) 500 Integrative Studies Proposal Development
(6) 599 Thesis or (6) 593 Non-Thesis Capstone
7 - Total Credits

Faculty

Barbara Nwacha, MFA
Department of Art and Design

Anne Powell, PhD
Department of Computer Management and Information Systems

Academics & Library

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

The general requirements for admission and retention are the same as for the Graduate School.

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

Exit Requirements

The student must successfully complete the program of study with a minimum GPA of 3.0.

Academics & Library

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, but according to the Bureau of Labor Statistics, growth of about 12 percent is expected in the demand for advertising and public relations managers by 2016. With advances in internet media, continued growth in publishing is also 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.
- All students will complete seven (7) 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) 500 Integrative Studies Proposal Development
(6) 599 Thesis or (6) 593 Non-Thesis Capstone
7 - Total Credits

Faculty

Janice Joplin, PhD
School of Business

Suman Mishra, PhD
Department of Mass Communications

Academics & Library

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 course work 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 degree 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 6 credits of electives from an approved list of applied communication studies seminars.
- All students will complete seven credit hours of integrative studies thesis or non-thesis capstone work.

Required Courses

Applied Communication Studies
540-3 - Survey of Organizational Communication Research
541-3 - Seminar in Organization Culture
542-3 - Communication Consulting

Instructional Technology
500-3 - Principles of Instructional Technology
505-3 - Needs Assessment and Program Evaluation
510-3 - Instructional Systems Design
520-3 - Performance Technology
596-1 - Design Studio I
597-2 - Design Studio II

Elective Seminars (Select 2)

Applied Communication Studies
510-3 - Group Communication
511-3 - Intercultural Communication
520-3 - Interpersonal Communication
521-3 - Computer-Mediated Communication
522-3 - Family Communication
541-3 - Organizational Culture
550-3 - Public Relations
560-3 - Speech Education

Integrative Studies Capstone Project
500-1 - Integrative Studies Proposal Development
599-6 - Thesis or 593-6 - Non-Thesis Capstone

Faculty

Dave S. Knowlton, EdD
Instructional Technology

Zachary Schaefer, PhD
Applied Communications Studies

Dave S. Knowlton, EdD
Instructional Technology

Academics & Library

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, not-for-profit 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.
- All students will complete seven credit hours of integrative studies thesis or non-thesis capstone work.

Sociology Courses

515-3 - Research Methods and Study Design in Sociology
518-3 - Advanced Data Analysis
590-3 - Seminar in Sociology and Sustainability
540-3 - Alternatives to Capitalism(s) or 538-3 - Seminar in Industrial Sociology
542-3 - Seminar in Gender and Gender Inequality or 502-3 - Seminar in Intergroup Relations

Environmental Sciences Courses

510-3 - Advanced Environmental Sciences and Policy
511-3 - Environmental Policy
512-3 - Environmental Law
516-3 - Environmental Impact Analysis
550-3 - Applied Ecology

Integrative Studies Capstone Project

500-1 - Integrative Studies Proposal Development
599-6 - Thesis or 593-6 - Non-Thesis Capstone

Faculty

Connie Frey-Spurlock, PhD
Sociology

Zhiqing Lin, PhD
Environmental Sciences

Academics & Library

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

The general requirements for admission and retention are the same as for the Graduate School.

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

Exit Requirements

The student must successfully complete the program of study with a minimum GPA of 3.0.

Academics & Library

Exercise and Sports 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. Ben Webb
- 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.

Academics & Library

Exercise and Sports Psychology (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
- 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 submitted via email to siueapps@siue.edu or mailed to:

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

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.

SOUTHERN ILLINOIS UNIVERSITY
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Academics & Library

Exercise and Sports 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 adviser 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 adviser.

Review the graduation policy for more information.

Academics & Library

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. For the non-thesis option students must choose an internship for three credit hours. For the thesis option the student 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 597 Seminar in Exercise Physiology

Capstone Experience
Student must complete one of these 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)

Academics & Library

Exercise Physiology (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 (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 submitted via email to siueapps@siue.edu or mailed to:

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

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 adviser.

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).

Academics & Library

Exercise Physiology (MS)

Graduation Requirements

In the final semester all students will be required to take an American College of Sports Medicine (ACSM) style Exercise Specialists Certification Practice 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.

Academics & Library

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

Academics & Library

Kinesiology - Physical Education and Coaching Pedagogy (MSEd)

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 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 submitted via email to siueapps@siue.edu or mailed to:

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

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.

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 9 graduate hours may be taken toward the master's degree 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.

Academics & Library

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.

Academics & Library

Learning, Culture & Society (MSEd)

Program of Study

Thirty (30) semester hours of graduate credit are required for a master of science in education degree with a major in learning, culture and society.

Required Foundational Courses

- EPFR 501 Research Methods 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)

- 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*

Area of Emphasis

Choose one of the following: Cultural Diversity, English as a Second Language, or 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 SOE. 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.

Academics & Library

Learning, Culture & Society (MSEd)

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
- Grade point average 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
- 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 submitted via email to siueapps@siue.edu or mailed to:

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

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 look at the "How to Apply" information on our website at siue.edu/lcs or to contact the program director, Dr. Tianlong Yu at tyu@siue.edu, or graduate recruiter, Angie White at angewhi@siue.edu.

Academics & Library

Learning, Culture & Society (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.

Academics & Library

Learning, Culture & Society (MSEd)

Areas of Emphasis

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

Cultural Diversity

9 credit hours (select 3 courses)

ANTH 410 (Anthropology of Religion)ENG 446 (Studies in African-American Literature)
ACS 511 (Seminar in Intercultural Communication)
ACS 509 (Special Topics in Communication Theory and Research) (when appropriate, must be approved by adviser)
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 400 (Urban Geography)
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 adviser)

SOCW 517 (Diversity)

Academics & Library

Learning, Culture & Society (MSEd)

Areas of Emphasis

- English as a Second Language
    - Cultural Diversity
    - 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)

Academics & Library

Learning, Culture & Society (MSEd)

Areas of Emphasis

- Gender and Education
    - Cultural Diversity
    - 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)

Academics & Library

Literacy Education (MSEd)

Curriculum

Students can complete two options for the Masters 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

Academics & Library

Literacy Education (MSEd)

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
- 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 submitted via email to siueapps@siue.edu or mailed to:

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

Review the SIUE Admissions Policy for more information.

Academics & Library

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 a 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 a 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.

Academics & Library

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

33 semester hours of graduate credit are required for Master of Science degree with a major in Literacy Education. 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 twelve. 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 one to twelve 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).

Academics & Library

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 kindergarten through grade twelve.

ADMISSION

Minimum admission criteria include a master's degree in education with a grade point average 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 3 hours of children's literature at the undergraduate or graduate level (or obtain before graduation).

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 twelve. 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 one to twelve 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 a 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.

Academics & Library

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

33 semester hours of graduate credit are required for Master of Science degree with a major in Literacy Education. 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 twelve. 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 one to twelve 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.

Academics & Library

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
Dr. Stephanie McAndrews
smcandr@siue.edu

Academics & Library

Marketing Research (MMR)

Program of Study

Students pursuing the MMR degree must complete a minimum of 30 semester hours beyond the business fundamentals and statistics competencies.

Program courses (21 hours): MKTG 530, 540, 541, 544, 546, 548, 550

Elective courses (9 hours): taken from the following: MKTG 532, 534, 560, 561, 562, 595, STAT 487, 583, 589

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 (3) hours of 400-level course work may be used to satisfy MMR degree requirements.

Academics & Library

Marketing Research (MMR)

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
- Submit to the director of the MMR program an essay articulating effectively the applicant's career goals as these relate to interest in pursuing the program
- Take the Graduate Management Admission Test (GMAT).
- International students must also earn a minimum score of 550 on the paper-based TOEFL or 213 on the computer-based TOEFL or 80 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.

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

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 grade point average), above average GMAT 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 score.

Review the SIUE Admissions 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 (3) 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.

Academics & Library

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.

Academics & Library

Marketing Research (MMR)

Specialization

Business Analytics

An MMR student may opt for a specialization in Business Analytics. To complete the specialization, MMR student must satisfactorily complete a minimum of 36 hours of course work 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. (The choice of electives must be approved by the program director.)

Academics & Library

Mass Communications (MS)

Programs of Study

Thirty semester hours of graduate credit are required for the degree. No credit will be accepted for a C or lower in the mass communications graduate degree; 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. No more than three semester hours can be taken in independent readings, directed research or other similar courses.

Thesis or Project (six hours): MC 599 (Thesis) or MC 598 (Final Project)

Academics & Library

Mass Communications (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
- Department of Mass Communications application
- A statement of purpose.

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

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 mass communications. 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.

Academics & Library

Mass Communications (MS)

Graduation Requirements

After the thesis or project 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 or project but may also cover the student's program of study.

Review the graduation policy for more information.

Academics & Library

Mass Communications (MS)

Digital 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 these teachers with a foundation of theoretical, analytical and applied approaches to current trends in mass media. Issues such as the emergence of new technologies; growth of multinational media conglomeration and their impact on politics; questions of race, class, gender and representation; and the effects of media violence are focused on. 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.

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. See Mass Communications website for details and application materials at www.siue.edu/MASSCOMM/graduate.html

Academics & Library

Mathematics (MS)

Program of Study

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

Academics & Library

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 submitted via email to siueapps@siue.edu or mailed to:

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

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.

Academics & Library

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.

Academics & Library

Mathematics (MS)

Specialized Learning Opportunities

- 3+2 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
    - 3+2 BS and MS in Mathematics

3+2 BS and MS in Mathematics

The Department of Mathematics and Statistics offers a five-year program leading to the Bachelor of Science (BS) and the Master of Science (MS) degrees. 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 combined fourth and fifth years. 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.

Academics & Library

Mathematics (MS)

Specialized Learning Opportunities

- Computational and Applied Mathematics Specialization
    - Computational and Applied Mathematics Specialization
    - Post-Secondary Mathematics Education Specialization
    - Pure Mathematics Specialization
    - Statistics and Operations Research Specialization
    - Mathematics Professional Development Sequences
    - 3+2 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 adviser.

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.

Academics & Library

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
  - 3+2 BS and MS in Mathematics

Mathematics Professional Development Sequences

The Department of Mathematics and Statistics offers seven Professional Development Sequences. These PDSs are described below in the section "Program of Study." Each of these PDSs 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 may have the status of "unclassified graduate student." Students are expected to have completed all courses that are prerequisites to the required courses in the PDS.

PROGRAM OF STUDY

The programs of study of the PDSs are as follows:

1. Quality and Reliability

STAT 484 Reliability Engineering
STAT 488 Design and Control of Quality Systems
STAT 584 Reliability Theory
STAT 588 Advanced Quality Control

2. Design and Analysis of Experiments

STAT 480a,b Mathematical Statistics
STAT 481 Design and Analysis of Experiments
STAT 581 Advanced Experimental Design

3. Applied Statistics

STAT 478 Time Series Analysis
STAT 481 Design and Analysis of Experiments
STAT 482 Regression Analysis
STAT 483 Sample Surveys

4. Mathematical Programming

OR 440 Deterministic Models
OR 587a,b Mathematical Programming

5. Simulation

OR 442 Simulation
OR 585 Simulation Theory
OR 586 Simulation Modeling and Languages

6. Numerical Analysis

MATH 465 Numerical Analysis
MATH 466 Numerical Linear Algebra with Applications
MATH 565 Advanced Numerical Analysis

7. 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

Academics & Library

Mathematics (MS)

Specialized Learning Opportunities

- Post-secondary Mathematics Education Specialization
  - Computational and Applied Mathematics Specialization
  - Post-Secondary Mathematics Education Specialization
  - Pure Mathematics Specialization
  - Statistics and Operations Research Specialization
  - Mathematics Professional Development Sequences
  - 3+2 BS and MS in Mathematics

Post-secondary 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.

Academics & Library

Mathematics (MS)

Specialized Learning Opportunities

- Pure Mathematics Specialization
    - Computational and Applied Mathematics Specialization
    - Post-Secondary Mathematics Education Specialization
    - Pure Mathematics Specialization
    - Statistics and Operations Research Specialization
    - Mathematics Professional Development Sequences
    - 3+2 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 adviser.

Academics & Library

Mathematics (MS)

Specialized Learning Opportunities

- Statistics and Operations Research Specialization
  - Computational and Applied Mathematics Specialization
  - Post-Secondary Mathematics Education Specialization
  - Pure Mathematics Specialization
  - Statistics and Operations Research Specialization
  - Mathematics Professional Development Sequences
  - 3+2 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 adviser.

Academics & Library

Mechanical Engineering (MS,PhD)

Program of Study

The department offers both thesis and non-thesis options. Both options require 30 credit hours. To take full advantage of the academic experience available, however, students are encouraged to take the thesis option. Of the 30 credit hours required, at least 15 credit hours must be at the ME 500 level (which may include ME 599 (thesis) up to six credit hours). At least 21 credit hours must be in mechanical engineering courses and six hours must be in mathematics selected from courses approved by the mechanical engineering faculty. The discipline of mechanical engineering 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 so as 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. The program allows one elective course that may by selected from any of the courses listed in the current Graduate Catalog, provided that the student meets the prerequisites. All students are required to complete either ME 530-Advanced Dynamics or ME 575-Advanced Fluid Mechanics.

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 students are encouraged to begin their thesis work early in the program, even before registering for any thesis credit.

In the non-thesis option, students are required to prepare a research paper, the topic of which is mutually agreed upon by the student and the advisory committee. No credit is awarded for completion of this research paper.

Academics & Library

Mechanical Engineering (MS,PhD)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Undergraduate grade-point average of at least 2.75 (A=4.0) 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 submitted via email to siueapps@siue.edu or mailed to:

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

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 an individual basis. Entry into graduate studies without the complete baccalaureate preparation in mechanical engineering may result in the student being required to remove the deficiencies prior to initiating graduate study or concurrently with their graduate programs.

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.

Academics & Library

Mechanical Engineering (MS,PhD)

Graduation Requirements

When all other program requirements are satisfied, a final examination on the course work and related material on the thesis or research paper will be given. This examination is conducted by the advisory committee. In the thesis option, the final examination is an oral examination directed primarily at the material in the thesis. In the non-thesis option, the final examination may include written elements as well as an oral examination including questions on the research paper.

Review the graduation policy for more information.

Academics & Library

Mechanical Engineering (MS,PhD)

Combined Program

3+2 BS and MS in Mechanical Engineering

Mechanical Engineering offers a five-year program leading to the Bachelor of Science (BS) and Master of Science (MS) Degrees. Students with senior level status (at least 90 semester hours) and a grade point average of 3.0 (A = 4.0) overall may be admitted to the BS/MS program that allows them to earn 30 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 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.

Academics & Library

Music (MM)

Program of Study

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.

Academics & Library

Music (MM)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary 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 that 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 submitted via email to siueapps@siue.edu or mailed to:

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

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. Students pursuing an instrumental concentration are not required to pass foreign language proficiency examinations.

Review the SIUE Admissions Policy for more information.

Academics & Library

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.

Academics & Library

Music (MM)

Specialized Learning Opportunities

- Music Education Specialization
    - Music Education Specialization
    - Performance Specialization
    - 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 & 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 (1) pedagogical implications of the instrument's construction and capabilities, principally as these relate to the recital repertoire; (2) the history and structure of the recital repertoire; particularly as these relate to performance and instruction; and (3) other factors pertaining to teaching, learning, and performing on the instrument.

Academics & Library

Music (MM)

Specialized Learning Opportunities

- Performance
  - Music Education Specialization
  - Performance Specialization
  - 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 8 hours in the principal area of performance and 2 to 6 hours in music literature. Students pursuing a piano performance concentration must take at least 4 hours of MUS 565 (Advanced Piano Ensemble-Accompanying and Chamber Music). Students pursuing a jazz performance concentration must take at least 4 hours of MUS 566 (Instrumental Ensemble) and MUS 509 Advanced Jazz Arranging/Composition (2 hours). Students pursuing voice, choral conducting, and piano majors following the chamber music/accompanying option must take MUS 539 Advanced Diction (2 hours). Additionally, choral conducting students must take 4 credit hours of MUS 540Q Applied Voice.

Electives: Up to 4 hours in the principal applied area and, with approval of the graduate adviser, may include courses outside the field of music to a total of 6 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.

Academics & Library

Music (MM)

Specialized Learning Opportunities

- Piano Pedagogy Post-Baccalaureate Certificate
  - Music Education Specialization
  - Performance Specialization
  - 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 course work (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 work 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 - 442a (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

The student must maintain a GPA of 3.0 and complete the course requirements within four (4) calendar years.

Academics & Library

Music (MM)

Specialized Learning Opportunities

- Vocal Pedagogy Post-Baccalaureate Certificate
  - Music Education Specialization
  - Performance Specialization
  - 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 course work (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 work 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

The student must maintain a GPA of 3.0 and complete the course requirements within four (4) calendar years.

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

Nursing - Health Care and Nursing Administration (MS)

Program of Study (subject to change)

The program for the Master of Science degree in nursing consists of 35 semester hours for Health Care and Nursing Administration.

RETENTION

A Graduate Student may not earn more than one grade of "C" or lower during enrollment in the Graduate Program. If a second grade of "C" or lower is earned, the student is automatically removed from the Graduate Program in Nursing, regardless of the student's cumulative GPA. Repeating a course in which there is originally a grade of "C" or lower does not eliminate the original course grade of "C" or lower from being applied toward this exclusion policy.

Year 1 (Fall Semester)

(3) NURS 500 Theoretical Foundations of Nursing

(4) PAPA 412/420 Quantitative Analysis/SPSS

7 - 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 590 Organizational Theory & Behavior in Nursing (45 hours of practicum)

3 - Total Credits

Year 2 (Fall Semester)

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(3) NURS 510 Health Care Informatics

(3) NURS 591 Foundations for the Advanced Leadership Role in Health Care & Nursing Administration (90 hours of practicum)

6 - Total Credits

Year 2 (Spring Semester)

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(3) NURS 592 Finance & Budgeting in Health Care & Nursing Administration (45 hours of practicum)

(3) NURS 593 Management of Diverse Human Resources in Health Care & Nursing Administration

6 - Total Credits

Year 2 (Summer Semester)

---

(3) NURS 501 Genomics and Ethics

3 - Total Credits

Year 3 (Fall Semester)

---

(4) NURS 594 Synthesis of Health Care & Nursing Administration & Practicum (90 hours of practicum)

4 - Total Credits

Total Hours 35

Academics & Library

Nursing - Health Care and Nursing Administration (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 decisions are based upon the following:

1. Completion of the School of Nursing Application packet, which consists of the professional experience, references, and 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 (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.).
3. Current unencumbered Illinois and Missouri RN licensure (both required after admission into the program).
4. Minimum undergraduate (graduate for post-master's applicants) nursing GPA of 3.0/4.0.
5. Preferred minimum undergraduate (graduate for post-master's applicants) Science GPA of 3.0/4.0.
6. Preferred minimum overall undergraduate (graduate for post- master's applicants) 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.
10. Successful completion of an application interview (if required).

There are two applications for admission. Completion of the University application and the School of Nursing graduate application packet. Applicants may follow-up with the Graduate Nursing Advisor to check on status of the application. Review the SIUE Admissions Policy for more information.

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

Application Deadline

Students are admitted into the HCNA in fall semesters only. The priority application deadline is March 1 for the class entering in the fall.

SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

Academics & Library

Nursing - Health Care and Nursing Administration (MS)

Graduation Requirements

Graduate Students in the School of Nursing must complete all courses with a GPA of 3.0/4.0 as well as complete the required final project.

Review the graduation policy for more information.

**SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE**

Academics & Library

Nursing - Health Care and Nursing Administration (MS)

Health Care and Nursing Administration Post-Master's Certificate

Post Master's Certificate: Health Care and Nursing Administration (variable, 21 to 33 semester hrs.*)

*The 13 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 (22 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.

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.

Academics & Library

Nursing - Nurse Educator (MS)

Curriculum (subject to change)

The program for the Master of Science degree in nursing consists of 36 semester hours for Nurse Educator.

RETENTION

A Graduate Student may not earn more than one grade of "C" or lower during enrollment in the Graduate Program. If a second grade of "C" or lower is earned, the student is automatically removed from the Graduate Program in Nursing, regardless of the student's cumulative GPA. Repeating a course in which there is originally a grade of "C" or lower does not eliminate the original course grade of "C" or lower from being applied toward this exclusion policy.

Year 1 (Fall Semester)

(3) NURS 500 Theoretical Foundations of Nursing

(3) PAPA 420 Quantitative Analysis

(1) PAPA 412 SPSS

7 - Total Credits

Year 1 (Spring Semester)

(3) NURS 504 Research in Advanced Nursing Practice

(4) NURS 515 Advanced Pathophysiology

7 - Total Credits

Year 1 (Summer Semester)

(3) NURS 580 Teaching and Learning Theory, Development and Socialization in Nursing Education

3 - Total Credits

Year 2 (Fall Semester)

(3) NURS 516 Advanced Pharmacology

(3) NURS 581 Curriculum Theory, Design & Program Evaluation in Nursing Education

6 - Total Credits

Year 2 (Spring Semester)

(3) NURS 505 Health Policy and Advanced Nursing Practice

(4) NURS 582 Instructional Design, Assessment & Evaluation for Nursing Education (90 hours practicum)

7 - Total Credits

Year 2 (Summer Semester)

(3) NURS 586 Advanced Specialty Nursing Practice for Nurse Educators: Seminar (90 hours practicum)

3 - Total Credits

Year 3 (Fall Semester)

(3) NURS 585 Synthesis for Teaching in the Nurse Educator Role (90 hours practicum) Completion of Terminal Project

3 - Total Credits

Total Hours 36

Academics & Library

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 decisions are based upon the following:

1. Completion of the School of Nursing Application packet, which consists of the professional experience, references and 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 (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.).
3. Current unencumbered Illinois and Missouri RN licensure (both required after admission into the program).
4. Minimum undergraduate (graduate for post-master's applicants) nursing GPA of 3.0/4.0.
5. Preferred minimum undergraduate (graduate for post-master's applicants) Science GPA of 3.0/4.0.
6. Preferred minimum overall undergraduate (graduate for post- master's applicants) 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.

There are two applications for admission. Completion of the University application and the School of Nursing graduate application packet. Applicants may follow-up with the Graduate Nursing Advisor to check on status of the application. Review the SIUE Admissions Policy for more information.

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

Application Deadline

Students are admitted into the NE specialization in fall semesters only. The priority application deadline is March 1 for the class entering in the fall.

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Academics & Library

Nursing - Nurse Educator (MS)

Graduation Requirements

Graduate students in the School of Nursing must complete all courses with a GPA of 3.0/4.0, as well as complete the required final project.

Review the graduation policy for more information.

Academics & Library

Nursing - Nurse Educator (MS)

Nurse Educator Post-Master's Certificate

Post-Master's Certificate: Nurse Educator (variable, 13-36 semester hours*)

*The 13 hours of core courses and the 10 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, and 585a.

Terminal project.

Course work in this specialization prepares the student with the theory preparation for the national certification examination.

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.

Academics & Library

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
(3) PHPS 520 Principles of Pharmacology
(1) PHPS 510 Pharmaceutical Sciences Foundations and Research Methods
7 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
(1) PHPS 595 Graduate Seminar in the Pharmaceutical Sciences

(2) PHPS 598 Pharmaceutical Sciences Research
5 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

Pharmacology Track

Year 1 (Fall Semester)

(3) PHPS 520 Principles of Pharmacology
(3) PHPS 500 Cellular Targets For Drug Discovery
(1) PHPS 510 Pharmaceutical Sciences Foundations and Research Methods
7 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
(1) PHPS 595 Graduate Seminar in the Pharmaceutical Sciences
(2) PHPS 598 Pharmaceutical Sciences Research
5 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

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
7 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
(1) PHPS 595 Graduate Seminar in the Pharmaceutical Sciences
(2) PHPS 598 Pharmaceutical Sciences Research
5 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

Academics & Library

Pharmaceutical Sciences

Admission Requirements

1. Graduate School application and $40 fee
2. Submission of all post secondary 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. Graduate Point Average: 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. For International Applicants a minimum TOEFL Score of 550 (paper based); 213 (computer based), or 79 (internet based) is required.
7. Letters of Recommendation: Three required.
8. Personal Statement: Required.

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

Review the SIUE Admissions Policy for more information.

Academics & Library

Pharmaceutical Sciences

Graduation Requirements

Students will be required to complete at least 30 hours of acceptable graduate credit with a grade point average of 3.0 or higher (A=4.0). At least 12 semester hours must be earned from core courses and 2 semester hours from graduate seminar. Students must take a minimum of 4 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 1 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.

Academics & Library

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

Academics & Library

Psychology - Clinical Child and School Psychology (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
- 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
- A separate application form that can be obtained from the Department of Psychology or from our website.
- Three letters of recommendation
- Goal statement / statement of purpose
- Resume / CV

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

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 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.

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 Clinical Child and School Psychology program has a Priority Application deadline of **December 1,** with applications completed before this deadline given the opportunity of priority consideration and an earlier on-campus interview day. However, applicants to all programs should be aware that submitting an application before December 1st is also preferred because the

application for the optional Competitive Graduate Award is the first Friday in December. Thus, preparing your application in November is the best strategy.

Academics & Library

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.

Academics & Library

Psychology - Clinical Psychology (MA)

Curriculum

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

- Required courses (27 hours):
    - PSYC 514
    - PSYC 520
    - PSYC 521
    - PSYC 531
    - PSYC 535
    - PSYC 537b
    - PSYC 538
    - PSYC 541b
    - PSYC 543b
- Required practicum (6 hours): PSYC 523
- Electives: (6 hours)
- Thesis (3 hours): PSYC 599

Academics & Library

Psychology - Clinical Psychology (MA)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary 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
- A separate application form that can be obtained from the Department of Psychology or it can be accessed from our website
- Three letters of recommendation
- Goal statement / statement of purpose
- Resume / CV

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

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 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 15th**. Additionally, the Clinical Psychology program has a Priority Application deadline of **December 1st**, with applications completed before this deadline given the opportunity of priority consideration and an earlier on-campus interview day. However, applicants to all

programs should be aware that submitting an application before December 1st is also preferred because the application for the optional Competitive Graduate Award is the first Friday in December. Thus, preparing your application in November is the best strategy.

Academics & Library

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.

Academics & Library

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

Academics & Library

Psychology - Industrial-Organizational (MA)

Admission Requirements

Admission is dependent upon approval by both the Graduate School and Psychology Department.

- 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 2.50
- A separate application form is required and can be obtained from the Department of Psychology or it can be accessed from our website.
- 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 submitted via email to siueapps@siue.edu or mailed to:

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

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 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 15th**. Additionally, the Industrial-Organizational Psychology program has a Priority Application deadline of **December 1st**, with applications completed before this deadline given the opportunity of priority consideration and an earlier on-campus interview day. However,

applicants to all programs should be aware that submitting an application before December 1st is also preferred because the application for the optional Competitive Graduate Award is the first Friday in December. Thus, preparing your application in November is the best strategy.

Academics & Library

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.

Academics & Library

Public Administration (MPA)

Program of Study

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:

(21 hours) **Required core courses**: PAPA 420, 500, 501, 510, 530, 540, 550 with a minimum 3.0 grade point average in the core courses

(18 hours) **Areas of emphasis courses**: 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.

Academics & Library

Public Administration (MPA)

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
- 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 grade point average for the last two years of 3.0.
- Applicants with an overall undergraduate grade point average 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 ten 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 submitted via email to siueapps@siue.edu or mailed to:

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

Review the SIUE Admissions Policy for more information.

Academics & Library

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 PAPA "core" courses in order to qualify to take the final comprehensive examination.

Review the graduation policy for more information.

Academics & Library

Social Work (MSW)

Programs of Study

The Department of Social Work offers a curriculum leading to the master of social work (MSW) with concentrations available in micro practice (individuals, families and groups) or macro practice (neighborhoods, organizations and communities). The program at SIUE is accredited by the Council of Social Work Education (CSWE).

Upon graduation, MSW students are eligible to take the Licensed Social Worker (LSW) examination, and after 3,000 hours of supervised clinical practice, the Licensed Clinical Social Worker (LCSW) examination through the Illinois and Missouri Departments of Professional Regulation.

For students in regular standing status, the MSW Program is 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. For students in advanced standing status, the MSW Program is a one-year full time course of study in which students enroll in three consecutive semesters, including the summer term, for a total of 30 credit hours. There is a part-time option which can be completed in two years for advanced standing students and in four years for regular standing students. Contact the department for more information. Students do not receive academic credit for life experience or previous work experience.

The school social work concentration courses will result in six additional credit hours beyond those needed to satisfy the requirements of the MSW degree. For students in advanced standing, school social work courses and internships will add three additional semesters to the completion of the MSW degree.

Students in regular standing status for who have deficiencies in their undergraduate liberal arts education must remove those deficiencies by satisfactory completion of appropriate courses prior to their initial year of enrollment in MSW program. Students admitted in advanced standing for whom deficiencies in BSW or other courses are identified must remove those deficiencies by satisfactory completion of the appropriate courses prior to their initial year of enrollment in the MSW program.

The program of study in the MSW program is divided into two integrated groups of courses: Foundation curricula and Concentration curricula. Foundation courses provide classroom and field experience in social work values, ethics, methods of practice, diversity, research, social welfare policy, and social work history. Concentration courses build on the foundation to develop competence necessary for advanced social work practice in Micro Practice (individuals, families, small groups) or Macro Practice (neighborhoods, organizations, communities).

The program of study for the MSW degree requires completion of a minimum of 60 semester hours for students admitted without advanced standing. These students must complete 30 credit hours in the

Foundation curriculum and 30 semester hours in the Concentration curriculum.

Students who do not hold a BS in Social Work from a Council on Social Work Education (CSWE) accredited institution are admitted as "regular standing" and must take foundation courses (30 hours) before taking the advanced courses. Students who have a BS in Social Work from a CSWE-accredited institution are admitted as "advanced standing" and must complete the advanced standing courses (30 hours).

The master of social work program is structured around two tracks:

- The Advanced Standing Track is a one-year, full-time or two-year, part-time program available to individuals who hold a bachelor of social work from an accredited program and meet additional academic criteria.
- The Regular Standing Track is a two-year, full-time or four-year, part-time program available to individuals who hold an undergraduate degree in a field other than social work and who meet additional academic criteria.

Students in the regular standing track (those who do not hold a bachelor of social work degree) will take foundation courses their first year. Foundation courses provide classroom, field and community-based experience and scholarship in social work history, values, ethics, theory, practice, policy and research.

Foundation Courses-30 hours
SOCW 501 - Generalist Practice: Individuals and Families-3 hours
SOCW 502 - Generalist Practice with Organizations, and Communities-3 hours
SOCW 503 - Counseling Skills Development - 3 hours
SOCW 504 - Social Welfare Policy -3 hours
SOCW 505 - Generalist Practice with Groups - 3 hours
SOCW 506 - Research Methods and Data Analysis - 3 hours
SOCW 507 - Human Behavior in the Social Environment-3 hours
SOCW 508 - Diversity, Values, Ethics, and Social Justice Principles & Practice - 3 hours
SOCW 526 - Field Instruction I-3 hours
and
SOCW 527 - Field Instruction II-3 hours
or
SOCW 531 - Block Field Instruction I - 6 hours

Advanced standing and second-year, regular standing students will take concentration courses that build on the content presented in the foundation courses or the bachelor of social work. Concentration courses prepare students for advanced micro- or macro-practice in prominent areas of social work, namely mental health, child welfare, gerontology and substance abuse.

Advanced Courses -21 hours
SOCW 528 - Advanced Field Instruction III-3 hours
and
SOCW 529 - Advanced Field Instruction IV-3 hours
or
SOCW 532 - Block Field Instruction II - 6 hours
SOCW 537 - Psychopathology and Diagnostic Assessment - 3 hours

SOCW 546 - Applied Social Science Research - 3 hours
SOCW 565 - Capstone - 3 hours

And two of the following:
SOCW 560 - Mental Health Services - 3 hours
SOCW 561 - Children, Youth and Family Services - 3 hours
SOCW 563 - Gerontology Services - 3 hours
SOCW 564 - Substance Abuse Services - 3 hours

Students must choose concentration from either one of the two following areas.
Micro Concentration - 9 hours
SOCW 540 - Advanced Practice with Individuals - 3 hours
SOCW 541 - Advanced Practice with Families and Groups - 3 hours
SOCW 542 - Social Welfare Policy: Micro Practice - 3 hours

Macro Concentration - 9 hours
SOCW 544 - Advanced Practice with Neighborhoods and Communities
SOCW 547 - Advanced Practice with Organizations - 3 hours
SOCW 543 - Social Welfare Policy: Macro Practice

Students are offered traditional face-to-face and hybrid (a combination of face-to-face and online) course options in both tracks.

Academics & Library

Social Work (MSW)

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
- Overall grade point average of at least 3.0 (A=4.0). Students with less than a 3.0 undergraduate grade point average 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
- Application to the Social Work graduate program.
- A personal statement of approximately 750 to 1000 words that discusses the applicant's reasons for pursuing a career in social work and career plans, any special people and experiences that influenced the applicant's decision to pursue a career in social work, previous work experience, including volunteer and practicum experiences and how these experiences have shaped professional interests, evidence of commitment to social and economic justice, and personal strengths and weaknesses.
- Three 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. If previous experience includes work in a social services environment, either paid, volunteer, or practicum, at least one letter must speak to that experience. Applicants who have recently received their baccalaureate degree should request one letter of recommendation from an undergraduate faculty member. 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 submitted via email to siueapps@siue.edu or mailed to:

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

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 with grades of C or better in each course. Included in this total must be a 3 credit hour human biology course. 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 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 grade point average 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 admissions process through the applicant's personal statement and letters of reference. These are regarded as factors in admissions 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 7-year period preceding application for graduate study at SIUE.
2. The applicant's grade point average 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 course work 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.

Academics & Library

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 degree. 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.

Academics & Library

Social Work (MSW)

Specialized Learning Opportunities

- School Social Work Professional Development Sequence
  - School Social Work Specialization
  - School Social Work Professional Development Sequence

School Social Work Professional Development Sequence

This PDS is to prepare post-MSW social workers for School Social Work Type 73 Certification by the Illinois State Board of Education.

ADMISSION

Admission requirements are: 1) MSW degree from a CSWE accredited program; 2) good academic and professional standing; 3) completed applications to the Graduate School and the Department of Social Work; 4) a 250-300 word personal statement; 5) official graduate degree transcript(s); 6) two professional letters of reference, and 7) a passing score on the Illinois Certification Testing System Basic Skills Test.

Application for admission to the PDS should be filed with the department by January 15th of the year that candidates desire to begin the program. Candidates begin the program in August of the year admitted.

PROGRAM OF STUDY

This Professional Development Sequence requires completion of three courses including a supervised internship of a minimum clock 600 hours in a primary and/or secondary Illinois school setting. The school social work seminar (SOCW 533-2) and the one semester school internship (SOCW 572-7) must be completed at SIUE. SPE 400-3 (the Exceptional Child) or its equivalent may be taken elsewhere and must be taken within five years of enrollment in SOCW 533 and SOCW 572.

EXIT REQUIREMENTS

Successful completion of the Professional Development Sequence in School Social Work requires earning a minimum grade of B in each of the courses in the Program of Study, and demonstrated professionalism and ethics in school social work practice.

Academics & Library

Social Work (MSW)

Specialized Learning Opportunities

- School Social Work Specialization
  - School Social Work Specialization
  - School Social Work Professional Development Sequence

School Social Work Specialization

The MSW Program offers course work enabling students to sit for the licensure examination for school social work in Illinois. These courses prepare current MS students and post-MSW students to take the examinations as part of their requirements for school social work at the state level. School Social Work certification requires completion of certain courses mandated and approved by ISBE in addition to the courses required for the MSW program. Students in either concentration may apply to take school social work courses. Students who have taken the school social work courses and passed the Illinois certification test for school social workers find employment primarily in the Illinois public school system. More information on school social work courses and licensure can be obtained from the Department of Social Work.

ADMISSION

Application for admission to these school social work courses should be filed with the department by January 15th of the year that candidates desire to begin the program. Candidates begin the program in August of the year admitted.

Candidates who have been admitted to the MSW program may apply for admission to the school social work courses after their initial enrollment in the MSW program.

Candidates should submit the following to the School Social Work Committee:

1. A completed school social work application form.
2. A one-page, double spaced (250-300 words) statement describing your interest and the qualities and attributes you will bring to school social work.
3. Passing score on the Test of Academic Proficiency (TAP)

The MSW Curriculum Policy and Planning Committee will evaluate school social work applications for admissions as a separate process from admissions to the MSW program.

PROGRAM OF STUDY

Students enrolled in the School Social Work Specialization courses will complete six additional credit hours beyond those required for the MSW degree. MSW degree candidates admitted in regular standing who are admitted to the school social work courses will complete 66 hours of courses and internships to complete both the MSW degree and school social work courses instead of 60 credit hours for the MSW alone. MSW advanced standing candidates admitted to the school social work courses will complete 36 hours of courses and internships to complete both the MSW degree and the school social work courses instead of 30 credit hours for the MSW alone. For advanced standing students the school social work sequencing will add three additional semesters to the completion of the MSW degree. Upon completion of the MSW degree and school social work courses, candidates qualify for state school social work certification upon receipt of a passing score on the Illinois School Social Work Content Area Exam.

Courses for School Social Work Specialization

SOCW 533-Social Work Practice in Schools-2 hours
SOCW 567-Seminar in School Social Work-2 hours
SOCW 568-Advanced Field III School Social Work-4 hours
(replaces SOCW 528 Field Instruction III in the MSW curriculum. SOCW 568 requires one additional credit hour compared to SOCW 528 due to more required internship hours)
SOCW 569-Advanced Field IV School Social Work-4 hours
(replaces SOCW 529 Field Instruction IV in the MSW curriculum. SOCW 569 requires one additional credit hour compared to SOCW 529 due to more required internship hours)

EXIT REQUIREMENTS

In addition to the MSW degree exit requirements, students taking school social work courses must complete all required social work courses with grades of B or better. Upon completion of the MSW degree and school social work courses, the student takes the State of Illinois Content Area Exam for School Social Work Personnel to qualify for certification as a school social worker in Illinois.

Academics & Library

Sociology (MA)

Program of Study

Requirements for the master of arts degree in sociology include 33 semester hours of graduate credit, distributed as follows:

Required courses (12 hours): SOC 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 (15 hours): For those completing the Thesis or Internship exit requirements, students must complete 15 hours of electives, at least 9 hours of which must be sociology seminar courses at the 500-level. For students completing the Comprehensive Exam exit requirement, students must complete 21 hours of electives, fifteen of which must be sociology seminar courses at the 500-level. For all options, up to 6 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: (1) at least 140 hours of a supervised work experience in either a research or public service setting (SOC 593a), and (2) 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.

Academics & Library

Sociology (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
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Submit a writing sample
- Submit a written personal statement of one to two pages indicating their motivations and objectives for graduate study in sociology. 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.
- 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 submitted via email to siueapps@siue.edu or mailed to:

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

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: for spring semester-November 15; for summer term-April 1.

Academics & Library

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.

Academics & Library

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; these hours are determined in a conference between the student and the assigned graduate faculty advisor.

Requirements for completing the two MSEd options are as follows:

MSEd with emphasis in Professional Development in Special Education

- General Professional Core (six hours): EPFR 515, 520 or 521
- Special Education Core (15 hours): SPE 500, 511, 514, 515, 522, 523
- Electives (nine hours)
- Final Project (three 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's Degree in Special Education must enroll in SPE 578 (Advanced Field Study) for 3 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.

Academics & Library

Special Education (MSEd)

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
- 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 submitted via email to siueapps@siue.edu or mailed to:

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

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.

Academics & Library

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.

Academics & Library

Special Education (MSEd)

Specialized Learning Opportunities

- Second Certificate in Special Education
  (Learning Behavior Specialist I)
    - Second Certificate in Special Education
      (Learning Behavior Specialist I)
    - Special Education Post-Master's Certificate

Second Certificate in Special Education (Learning Behavior Specialist I)

Required Courses:
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 2nd 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.

SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

Academics & Library

Special Education (MSEd)

Specialized Learning Opportunities

- Special Education Post-Master's Certificate
  - Second Certificate in Special Education (Learning Behavior Specialist I)
  - Special Education Post-Master's Certificate

Special Education Post-Master's Certificate

The Post Master's Degree Program in Special Education allows students, who currently hold a master's degree in teaching or a related field and Illinois teaching certification, to gain a subsequent certificate in special education without completing an additional master's degree in special education.

ADMISSION

Applicants complete an application for admission which is available in the Special Education and Communication Disorders Department office, Founders Hall 1101 or online at: www.siue.edu/graduate. Candidates must also complete an application and transcript evaluation through the Office of Clinical Experience, Certification, and Advisement, Founders Hall 1110.

PROGRAM OF STUDY

Students must have taken the professional courses in educational research and foundations in their previous master's degree. They must have classes equivalent to EPFR 501: Research in Education, or EPFR 502: Qualitative Inquiry in Education, EPFR 515: Advanced Educational Psychology, and EPFR 520 or 521: Social Foundations or Historical Foundations / Analysis of Educational Issues. A transcript evaluation will determine if they have taken equivalent coursework in their master's degree.

Required courses for Post Master's Certificate in Special Education: SPE 502, 506, 511, 514, 516, 522, 523, and 540 and 578 (3-12 hours*).

* All candidates in the Post Master's Certificate in Special Education (LBS I) Program must enroll in SPE 578, Advanced Field Study, for 3-12 hours. Upon acceptance 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.

RETENTION REQUIREMENTS

Students must maintain a 3.0 cumulative grade point average.

EXIT REQUIREMENTS

For candidates seeking an LBS I, all certification/licensure tests required by the Illinois State Board of Education must be passed prior to entitlement.

Academics & Library

Speech-Language Pathology (MS)

Curriculum

Thirty-six (36) semester hours of acceptable graduate credit are required to complete the Master of Science degree in speech-language pathology. These hours include twelve (12) core courses, one elective, and a culminating comprehensive examination or eleven 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 and are referred to their individual plans of study for more information.

Students in the program must maintain a grade point average of 3.0 in all academic courses. No credit is allowed toward a graduate degree in courses in which a grade below C is earned. Students may only repeat SPPA 549a a maximum of 5 times. (Students are referred to the Speech-language Pathology Graduate Handbook for more information on clinic policies.) The program has two plans through which the program requirements are fulfilled.

Students must pass the Test of Academic Proficiency (or ACT equivalent) by August of the first semester of graduate coursework. Students take the Content Area Test prior to the spring semesters of their second year of graduate coursework.

Thesis Plan

Academic courses (34 hours): SPPA 503, 540, 541, 542, 543, 544, 545, 547, 548, 558, 560

Clinical Courses: SPPA 469, 549a, b and/or c

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: SPPA 469, 549a, b and/or c

Curriculum

Year 1 (Summer Semester - optional start)

Elective*

Year 1 (Fall Semester)

541 Child Sp. Sound Disorders
503 Research
544 Child Language Disorders
549 Clinic Practicum

Year 1 (Spring Semester)

542 Voice Disorders
545 Adult Acquired Disorders
540 Early Intervention
549 Clinic Practicum

Year 2 (Summer Semester)

548 Dysphagia
Elective*
549 Clinic Practicum

Year 2 (Fall Semester)

448 Augmentative and Alternative Communication
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. 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.

Academics & Library

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
3. Resume (maximum of two pages)
4. Three letters of recommendation
5. Transcripts from all schools attended

All application materials should be submitted through the CSDCAS portal.

Applicants must be working toward a bachelor's degree in speech-language pathology or completion of undergraduate course work in speech-language pathology and audiology.

Review the SIUE Admissions Policy for more information.

Application Deadline

The application deadline for the graduate program is January 15 for the following fall semester.

How to Apply

All transcripts, GRE scores and letters of recommendation are to be submitted through the Centralized Application Service (CSDCAS) at portal.csdcas.org.

Academic Advising Information

Students admitted to the program are assigned a faculty advisor who will assist them with their program and registration.

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

Speech-Language Pathology (MS)

Graduation Requirements

All students must pass either a written or an oral comprehensive examination administered by the graduate faculty in speech-language pathology. The examination covers the broad areas of speech and hearing sciences, speech-language pathology, and audiology. Students may choose the thesis option in lieu of a written examination.

Review the graduation policy for more information.

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

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 degree.

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
Either EDAD 573 (3) Educational Facilities Management OR
EDAD 575 (3) Strategic Management

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) The Superintendency
EDAD 560 (3) Educational Policy Making and Governance
EDAD 573 (3) Educational Facilities Management
EDAD 575 (3) Strategic Management
EDAD 585 (3) School of 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.

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

Educational Leadership Doctorate - General School Leadership (EdD)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Master of Science in Education degree 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 (1) educational background (degrees completed), (2) P-12 or other relevant work experience in education, and (3) 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, and 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 submitted via email to siueapps@siue.edu or mailed to:

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

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

Application Deadline

The priority application deadline for the Superintendent Education Doctorate Degree is February 1. Priority review will be given to applications received by February 1 and will continue on a rolling basis as space is available in the program.

Academics & Library

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.

Academics & Library

Educational Leadership Doctorate - Superintendent (EdD)

Program of Study

For early admission, fifty-four (54) semester hours of graduate credit beyond the master's degree are required for the EdD degree. For mid-point admission, twenty-four (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 (27 semester hours)

(Early admission courses)
EDAD 555-Superintendency and District Administration*
EDAD 560-Educational Policy Making and Governance*
EDAD 563-School and Community Relations*
EDAD 565-Personnel Administration*
EDAD 570-Leadership Theory and Practice*
EDAD 573-Educational Facilities, Planning and Management*
EDAD 575-Strategic Management*
EDAD 580-District Program Development*
EDAD 585-School Business Administration*

Internship and Field Study

(Early admission course)
EDAD 591-Internship Practicum*

Advanced Study and Research

(Early admission and mid-point 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.

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

Educational Leadership Doctorate - Superintendent (EdD)

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary 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 (1) educational background, (2) diversity of P-12 work experience, and (3) progression of P-12 leadership experiences.
- Three letters of reference from administrators or supervisor who have first-hand 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, and 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.

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

Academics & Library

Educational Leadership Doctorate - Superintendent (EdD)

Graduation Requirements

Qualifying examination for advancement to candidacy: The examination consists of essay questions that address course content and is taken after EPFR 605 (or before EDAD 690 and 698). 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.

Academics & Library

Cooperative PhD - Engineering Science

Curriculum

The PhD degree program requires a minimum of 26 semester hours of course work and 24 semester hours of dissertation research. The course work 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 - 6 credit hours
- Engineering or Science - 3 credit hours approved by both the SIUE and SIUC advisors
- Seminar - 2 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 6 credit hours of 400-level courses can be counted toward the requirements of the PhD degree.

ENGR 590 - Special Investigations course can only be used once for a maximum of 3 credit hours.

Applicants with master's degrees in computer science are encouraged to choose computer engineering specialization in the Cooperative 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.

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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 3-dimensional 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.

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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.

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Academics & Library

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 grade-point average of 3.5 on a 4-point 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. $40,500 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 PAPER APPLICATION (There is currently no electronic submission available.)
  - Proposed major will be ESCN Engineering Science
  - Complete your area of concentration
- Official Bachelor's Transcript
- Official Master's Transcript
- Official GRE Score (institution code 1759)

- Three Letters of Recommendation
- 1 ½ 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)

Application Submission

Please mail ALL SIUE application materials to:

SIUE Graduate and International Admissions
Coop 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
    - 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. $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)

Admissions 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.

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.

Academics & Library

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 course work must be completed. The grade point average 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.

Academics & Library

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.

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

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.

Academics & Library

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.

Academics & Library

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.

Academics & Library

Environmental Resources and Policy (PhD)

Curriculum

The ERP program requires a minimum of 60 credit hours, including:

12 credit hours of core course work

- 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 6 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 6 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.

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Academics & Library

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 degree in related field with a GPA of 3.0/4.0 or higher.
- Applications for admission must include the following:
  - Curriculum vita or Resume
  - Statement of interest: 1-2 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 PAPER APPLICATION. (There is currently no electronic submission available).
  - Proposed major will be Environmental Resources and Policy
- 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)

Application Submission

Please mail ALL application materials to:

SIUE Graduate and International Admissions
Coop 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
    - 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)

Admissions 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 administrated 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 PhD 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.

Academics & Library

Environmental Resources and Policy (PhD)

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 36 hours of doctoral-level coursework must be completed. The grade point average 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.

Academics & Library

Doctor of Nursing Practice

Sample Curriculum (subject to change)

Year 1 (Fall Semester)

(3) N600 Theory Guided Practice

(3) N604 Evaluating Evidence for Improving Practice/Health Care Outcomes

(1) N695a Health Care Innovations Seminar

7 - Total Credits

Year 1 (Spring Semester)

(3) N605 Health Policy and Finance for Advanced Nursing Leadership

(3) N691 Organizational and Systems Leadership in Health Care

(2) N695c Doctoral Practice Project*

8 - Total Credits

Year 1 (Summer Semester)

(3) N617 Advanced Applications of Epidemiology in Practice

(2) N695c Doctoral Practice Project*

5 - Total Credits

Year 2 (Fall Semester)

(3) N601 Studies in Genomics and Ethics

(3) N620 Health Care Informatics

6 - Total Credits

Year 2 (Spring Semester)

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(4) N695c Doctoral Practice Project*

4 - Total Credits

Total Hours 30

*It is expected that planning for the doctoral project begins in fall, year 1, and development of the project continues throughout the progression of study, with a total of eight Doctoral Practice Project credit hours.

Immersion Experiences

Students who are admitted to the program attend a six day immersion 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.

Academics & Library

Doctor of Nursing Practice

Admission Requirements

- Graduate School application and $40 fee
- School of Nursing Application found here
- Submission of all post-secondary academic transcripts
- The applicant must hold a master of science in nursing as an advanced practice nurse or have a master's degree in an advance nursing practice role with completed practicum hours. Nurses with degrees from Nurse Educator programs will not be considered for admission.
- 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) completed DNP Applicant Reference Forms, with at least one (1) from a person with a graduate degree in nursing or a related field.
- Personal interview
- Statement about a potential DNP project idea

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

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.

Academics & Library

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.

Academics & Library

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
(3) NURS 600 Theory Guided Practice
11 - Total Credits

Year 1 (Spring Semester)

(3) PAPA 561 Bio Stats/Epi Course
(3) NURS 516 Pharmacology for APNs
(3) NURS 601 Genomics and Ethics
9 - Total Credits

Year 1 (Summer Semester)

(3) NURS 604 Evaluating Evidence for Improving Practice
(1) NURS 695a Health Care Innovations Seminar
4 - 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 620 Health Care Inforrmatics
9 - Total Credits

Year 2 (Spring Semester)

(3) NURS 605 Health Policy and Finance
(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
(1) NURS 697e Doctoral Project Design and Management V
10 - Total Credits

Year 3 (Spring Semester)

(5) NURS 677 Advanced Practicum and Role Synthesis
(3) NURS 691 Organizational and Systems Leadership in Health Care
8 - Total Credits

Total Hours 66

Academics & Library

Family Nurse Practitioner

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Completion of the School of Nursing graduate application packet, which consists of the School of Nursing application, 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), and the Goals Statement.
- 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.
- Current unencumbered Illinois and Missouri RN licensure (both required after admission into the program).
- Minimum undergraduate nursing grade point average (GPA) of 3.0 on a 4.0 scale.
- 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 one (1) year 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.

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

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.

Academics & Library

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.

Academics & Library

Nurse Anesthesia

Sample Curriculum (subject to change)

Year 1 (Summer Semester)

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(4) NURS 514 Advanced Human Physiology
(4) NURS 515 Advanced Human Pathophysiology
(3) NURS 600 Theory Guided Practice
11 - Total Credits

Year 1 (Fall Semester)

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(3) NURS 516 Pharmacology for Advanced Nursing Practice
(3) PAPA 561 Biostatistics/Epidemiology
(3) NURS 564 Chemistry and Physics Applied to Anesthesia
(3) NURS 605 Health Policy & Finance for Advanced Nursing Leadership
12 - Total Credits

Year 1 (Spring Semester)

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(3) NURS 604 Evaluating Evidence for Improving Practice/Health Care Outcomes
(3) NURS 513 Advanced Health Assessment & Practicum
(2) NURS 529 Orientation to Nurse Anesthesia Practicum
(3) NURS 563 Pharmacology Related to Anesthesia
11 - Total Credits

Year 2 (Summer Semester)

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(5) NURS 565a Theoretical Foundations of Nurse Anesthesia I
(1) NURS 565b Clinical Practicum in Nurse Anesthesia I
(1) NURS 695a Health Care Innovations Seminar
7 - Total Credits

Year 2 (Fall Semester)

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(5) NURS 566a Theoretical Foundations of Nurse Anesthesia II
(2) NURS 566b Clinical Practicum in Nurse Anesthesia II
(3) NURS 691 Organizational and Systems Leadership in Health Care
(1) NURS 697a Doctoral Project Design and Management I
11 - Total Credits

Year 2 (Spring Semester)

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(3) NURS 560 Ethical, Legal & Systemic Issues in Anesthesia Practice
(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
11 - Total Credits

Year 3 (Summer Semester)

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(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
5 - 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

Academics & Library

Nurse Anesthesia

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Completion of the School of Nursing graduate application packet, which consists of the School of Nursing application, three (3) reference forms (at least one (1) from a person with a graduate degree in nursing or a related field), and the Goals and Objectives form.
- Bachelor of Science in nursing from a CCNE, NLNAC or ACEN accredited program. Graduates from non-NLNAC, CCNE or ACEN accredited programs will be considered under certain circumstances. Please contact the School of Nursing for more information.
- At least one (1) year of recent, critical care experience (adult ICU preferred).
- Current unencumbered Illinois and Missouri RN licensure (both required after admission into the program).
- Minimum undergraduate nursing grade point average (GPA) of 3.0 on a 4.0 scale.
- 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 an undergraduate course in organic or biochemistry and physics no more than six (6) years prior to entering the program of study.
- 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 submitted via email to siueapps@siue.edu or mailed to:

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

Applicants may follow up with the Graduate Nursing Advisor to check on status of the application.

Application Deadline

Deadline is June 1 for the class entering in the following May. Upon acceptance, a non-refundable advance deposit fee of $500 is required (applied towards future tuition).

Academics & Library

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.

Academics & Library

MBA-DNP

Curriculum

The post-master's DNP is 30 credits, with eight of those credits focused on the final project. The MBA is 42 credits, and four (12 credits) of the nursing DNP courses are considered electives within the MBA program, for a combined total of 60 credits for the concurrent MBA/DNP. While the School of Business courses are offered in online, 8 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 (1st half of semester)
(3) MBA 522 Decision Making in Organizations (2nd half of semester)
(1) NURS 695a Health Care Innovations Seminar
7 - Total Credits

Year 1 (Spring Semester)

(3) MBA 523 Negotiation & Interpersonal Skills (1st half of semester)
(3) ECON 528 (2nd half of semester)
(2) NURS 691 Organizational & Systems Leadership
9 - 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 (2nd half of semester)
(3) NURS 604 Evaluating Evidence for Improving Practice
(3) NURS 620 Health Care Informatics
9 - Total Credits

Year 2 (Spring Semester)

(3) FIN 527 Corporate Finance (1st half of semester)
(3) NURS 605 Health Policy and Finance for Advanced Nurse Leader
(2) NURS 695c Doctoral Practice Project
8 - Total Credits

Year 3 (Summer Semester)

(3) PROD 529 Operations Management & Process Analysis
(2) NURS 695c Doctoral Practice Project
5 - Total Credits

Year 3 (Fall Semester)

(3) MBA 534 Strategic Management (1st half of semester)
(3) NURS 601 Genomics and Ethics
6 - Total Credits

Year 3 (Spring Semester)

(4) NURS 695c Doctoral Practice Project
4 - Total Credits

Total Hours 60

Immersion Experiences

Students who are admitted to the program attend a six 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.

Academics & Library

MBA-DNP

Admission Requirements

- Graduate School application and $40 fee
- Submission of all post-secondary academic transcripts
- Completion of the School of Nursing Application Packet (School of Nursing Application, CV, Potential Project Form, Three Reference Forms).
- The applicant must hold a Master of Science in nursing as an advanced practice nurse or have a master's degree in an advance 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 submitted via email to siueapps@siue.edu or mailed to:

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

Application Deadline

The application deadline is March 1 for fall. 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.

Academics & Library

MBA-DNP

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 coursework 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.