

Certificate Programs

The purpose of a graduate certificate is to enhance marketability of students, confirm special skills or knowledge acquired by students, and provide educational opportunities and continuing education to otherwise unserved segments of the community through short term graduate programs. The certificate program is designed to provide a certification of specialization to individuals who already possess a bachelor's degree. While a certificate does not lead to a degree, one-half of the certificate hours, up to a maximum of 9 hours, can be counted toward a graduate degree program. All students must be admitted to the Graduate School and make formal application to the particular certificate program.

Certificate programs have been approved for the following:

Certificate in Addiction Studies

The Post-Baccalaureate Certificate in Addiction Studies, housed in the Rehabilitation Counselor Training Program in the Rehabilitation Institute, is open to graduate students interested in developing proficiency in addiction treatment and in certification as a drug and alcohol counselor. Students must complete 20 credits of required coursework including an academic discipline-based 500 hour internship (8 credits). Didactic courses include REHB 461, 471, 558, and 566.

For more information contact:

John J. Benshoff, Ph.D., CRC
Professor and Coordinator
Rehabilitation Counselor Training Program
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Certificate in Anatomy

The purpose of the anatomy certificate is to allow graduate students to become proficient in anatomy teaching. This will allow them to compete more effectively for jobs in this field. Students are eligible for the anatomy certificate if they are in an existing anatomically-based master's or Ph.D. program (e.g. Physiology, Anthropology, or Zoology). Additional prerequisites (e.g., embryology, basic vertebrate anatomy) are preferred. Students lacking such prerequisites will be encouraged to obtain them prior to admission into the anatomy certificate program. The Graduate Program Committee of the Department of Physiology will review all applications. In addition to graduate coursework in anatomy, students in the anatomy certificate program will obtain experience teaching gross anatomy to undergraduates and medical students. A minimum of 17-18 graduate credit hours are required for fulfillment of the certificate requirements. They are: Advanced Human Anatomy, (PHSL 401a,b, 10 hours), Histology, (ZOOL 409, 4 hours) and either Neuroanatomy, (PHSL 573, 3 hours) or Comparative Vertebrate Anatomy, (ZOOL 418, 4 hours). Additional recommended courses include: Multimedia in Medical Education, PHSL 581 a, b; and Clinical Applications/Radiology, PHSL 582. Where appropriate, these courses may also count for credit toward the master's or Ph.D. degree. The Graduate Program Committee in the Department and the student's advisory committee will oversee the student's progress. Students supported by assistantships will have the same teaching obligations as all other departmentally supported students. Students will be required to teach at least two semesters of gross anatomy assisting Physiology and Anatomy Department faculty in the Medical School.

For more information, contact:

Chairman of the Graduate Program Committee
Department of Physiology, School of Medicine
Southern Illinois University
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Certificate in Art History

The Graduate Certificate in Art History will enable students to develop a broad knowledge of the history of art, become familiar with the discipline's methodology, and acquire skills necessary for teaching art history. It is open to students who have completed a bachelor's degree. Students enrolled in the MFA program offered through the School of Art and Design may enroll concurrently in the certificate program and apply part of their MFA art history coursework towards both degrees. The program requires students to complete 21 credit hours of graduate level art history coursework, including a teaching practicum, and to pass a comprehensive qualifying exam designed to assess general knowledge of art history.

For more information, contact:

Peter Chametzky, Coordinator, Graduate Certificate in Art History
School of Art and Design
Southern Illinois University

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Certificate In Conflict Resolution

The Certificate in Conflict Resolution is open to post-baccalaureate students interested in working in educational settings with youth and other individuals. The focus is on developing knowledge and skills associated with conflict mediation and resolution. The core courses within the certificate program include, but are not limited to: cultural diversity, interpersonal communication, conflict resolution, and counseling skill development. Coursework also includes a required practicum. Students must complete 18 semester hours of study (8-9 hours of core requirements and 6-7 hours of electives including a minimum of 3 hours of practicum or individual study).

For more information contact:
Jenise Wilson, Advisor
Academic Advisement Office
College of Education and Human Services
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Certificate in Couple and Family Counseling

The Certificate in Couple and Family Counseling provides specialized training in conjoint counseling with couples and families for students who already hold a master's degree in counseling or related mental health field. The certificate requires 18 hours of specialized course work in family systems counseling, including three semester hours of practicum held at the university's Clinical Center. Students who do not have the necessary prerequisites for the required courses will need additional course work. Students who wish to complete the educational requirements for the Illinois Marriage and Family Therapy license (in addition to the certificate) will likely need additional coursework or clinical experience or both. Certificate coordinators will assist students in this process by reviewing transcripts and suggesting coursework available at SIUC.

Web site: www.siu.edu/departments/coe/epse/

For more information contact either:
Tracy Stinchfield, or Lyle White, Coordinators
Educational Psychology and Special Education
Southern Illinois University
Carbondale, IL 62901-4618
Telephone: (618) 536-7763
E-Mail: tstinch@siu.edu or lwhite@siu.edu

Certificate in Earth Science

The Certificate in Earth Science with an optional concentration in Geospatial Analysis or Environmental Geology is open to post baccalaureate students with degrees in earth science, geology, or related fields. It is intended to expand the knowledge, skills, and specialized training in geological topics. The coursework will include eighteen (18) graduate credit hours in Geology. While there are no specific courses required, the courses taken will be determined by the student and the departmental Coordinating Committee.

For more information, contact:
Richard Fifarek, Geology Graduate Program Coordinator
Department of Geology
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Telephone: (618) 453-7364 or 453-3351
E-mail: fifarek@geo.siu.edu or geology@geo.siu.edu

Certificate in Gerontology

The Graduate Certificate in Gerontology is open to post-bachelor level students who are interested in the area of gerontology. It is designed to provide knowledge, skills, and specialized training in programs and services for older persons. The certificate includes core courses on aging in the following areas: social work, rehabilitation, health, exercise and education. Courses within the certification program will include, but not be limited to: policy and program issues, psychosocial issues and health and fitness issues. The coursework also includes a practicum in an agency suitable to the individual's interest. Students must complete 18 semester hours of study including a minimum of three hours of practicum, to earn the certificate.

For more information contact:
Jacquelyn Chapman, Advisor, Certificate in Gerontology
College of Education and Human Services
Wham Building Room 122, Southern Illinois University

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Certificate in Medical Dosimetry

The certificate in medical dosimetry is open to post-baccalaureate students who are trained as a radiation therapist. The Medical Dosimetrist is a member of the radiation oncology (cancer treatment) team who has knowledge of the overall characteristics and clinical relevance of radiation oncology treatment machines and equipment, is cognizant of procedures commonly used in brachytherapy (treatment with radioactive sources at a close distance) and has the education and expertise necessary to generate radiation dose distributions and dose calculations in collaboration with the Medical Physicist and Radiation Oncologist. Course requirements include RAD 550-12, RAD 560-12 and RAD 570-6. These courses must be taken in sequence with each program year starting in the fall semester. Students are in the clinical/educational setting for 40 hours per week for a 12 month cycle. All classes and clinical internships take place in the St. Louis area with the majority at Barnes-Jewish Hospital.

For more information, contact:
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Certificate in Plant Ecology

The Graduate Certificate in Plant Ecology provides specialized training in plant ecology for post-bachelor level students, particularly Master's students, in both basic and applied ecology, including forestry and wildlife. The program prepares students for the Associate Ecologist Certification of the Ecological Society of America (ESA). The program requires 15 to 18 hours of coursework, 50% of which may also count toward a regular degree in some graduate program (given approval by that program and the student's advisory committee). Students must take as many courses as necessary from the following list to satisfy the ESA's sub-discipline requirements of population, community and ecosystem ecology: PLB 452a and b, PLB 545a and b, PLB 440, PLB 443, PLB 445, and PLB 444. Courses from other universities of up to two (2) courses in the list may be substituted with permission from the student's advisory committee. Students must have had in their program a minimum of two courses in statistics, including inferential statistics, or take these as deficiencies. One elective ecology course in an applied area, e.g., forestry, geography, wildlife biology, soils, is required. One-year of post-graduate experience in research or development of methods demonstrating technical competence in the application of ecological principles and/or theory to decision making is required. This research competence will be accomplished through the research experience at the Master's level. If applicants for the Certificate come into the program from industry, private consulting firms or government agencies, they will be required to take three (3) credit hours of independent research to gain this competence. A background of 12 semester hours in mathematics and physical sciences is required. Students must have a B average in graduate courses and must follow all rules of the Certification Policy established by the Graduate School. Residency must be at least 1 semester for those coming into the program just to obtain the certificate. Master's students can satisfy the residency by simply fulfilling the coursework requirements. An assessment instrument will be administered to students during the last semester of their program for final certification. An application for Associate Ecologist Certification with the ESA will be prepared and submitted on behalf of Candidates obtaining the Certificate.

For more information and detailed Certificate requirements contact:
David J. Gibson, Coordinator, Graduate Certificate in Plant Ecology
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Certificate in Systematic Biology

The Graduate Certificate in Systematic Biology provides specialized training in systematics, the study of the diversity of organisms and their interrelationships, for post-bachelor level students interested in any area of biology. The program requires 18 hours of special coursework, 50% of which may also count toward a regular degree in some graduate program (given approval by that program and the student's advisory committee). These hours are distributed across seven areas of training: systematic principles, taxonomic expertise, molecular techniques, curatorial and museum training, analytical and information technology in systematics, seminar and symposium in systematics, and independent study in systematic biology. In addition, students must attend or participate in the annual Systematic Biology Symposium (normally one Saturday in the spring semester), must attend or participate in at least one national or regional meeting associated with the field of

systematic biology, and must deliver orally and deposit one written copy of an individual systematic study of a particular taxonomic group.

For more information, contact:

Susan M. Ford, Coordinator, Graduate Certificate in Systematic Biology
Department of Anthropology
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Certificate in Women's Studies

The purpose of the Women's Studies certificate is to meet the demand for formal recognition of graduate level Women's Studies academic preparation.; enhance preparation for job opportunities with Women's Studies credentials; enhance and broaden the perspectives of graduate students from various related fields; and serve interested community members and /or spouses or partners of national/international students not pursuing a graduate degree, but interested in the specialty area of Women's Studies. The program requires 18 hours of coursework and independent study. This includes nine hours of required coursework (PSYC 550, SPCM 515, SOC 544) and nine hours of electives, including three hours of independent graduate readings. The student must be currently enrolled in a graduate degree program at SIUC or and individual holding a bachelor's degree and admitted to the Graduate School (non-declared).

For more information, contact:

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