College of Applied Health Sciences

Biomedical Visualization

Mailing Address: Biomedical and Health Information Sciences, Biomedical Visualization, Office of Graduate Programs, 1919 West Taylor Street, MC 520, Chicago, IL 60612-7249

Campus Location: 250 AHSB
Program Code: 20FS1075MS
Telephone: (312) 996-6317
E-mail: bhis@uic.edu
Web site: www.bhis.uic.edu
Director of Graduate Studies: Annette L. Valenta

The Department of Biomedical and Health Information Sciences (BHIS) offers a two-year graduate program leading to the Master of Science (MS) degree in Biomedical Visualization. Course work and research focus on the general areas of computer-based illustration and design; computer visualization; and prosthetics/3D model design. Required core courses emphasize basic science, imaging modalities, and visual problem-solving. The department has affiliations with twenty clinical sites in medical centers, hospitals, veterinary schools, prosthetics clinics, museums, and private businesses for an elective internship experience. BHIS also offers the MS in health informatics, and a certificate in health informatics.

Admission Requirements

In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions. Prior academic work must include four drawing courses (at least two must be life drawing), one course each in graphic design, computer graphics, comparative anatomy (or an advanced biology course that includes mammalian dissection), physiology, human histology, and vertebrate embryology (or developmental anatomy). Coursework in sculpture is recommended for applicants interested in prosthetics/3-D model design; coursework in computer graphics is recommended for applicants interested in computer visualization; and coursework in painting and illustration is recommended for applicants interested in illustration and design.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study and for all cumulative graduate work previously taken.

Tests Required: GRE general and writing assessment or GMAT. The score(s) must be from a test administered within five years from the requested date of entry.

Minimum TOEFL Score: If the applicant has taken the paper-based TOEFL, minimum scores in the range of 585–600 will be considered; in addition, the applicant must take the Test of Written English and submit scores in the range of 5–6. If the applicant has taken the computer-based TOEFL, minimum scores in the range of 240–250 will be considered. In this case the Test of Written English is not required.

Letters of Recommendation: Three required from instructors or employers using Graduate College forms.

Personal Statement: The statement should address the applicant’s goals for graduate study and career development.

Other Requirements: A personal interview and portfolio review with the departmental faculty are required. The portfolio must include twenty slides of representational images in any media, but must include figure drawings and/or paintings. A stamped self-addressed envelope should be enclosed for the portfolio’s return.

Deadlines

The application deadline for this program is earlier than the Graduate College deadline; contact the program for information on current deadlines.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 48–50.
Coursework
Required Courses: Anat 441; BHIS 405 and 500; and BVis 400, 405, 410, 415, 420, 430, 440, 450, 460, 480, and 595.
Electives: 10 hours from among Anat 414; BVis 515, 520, 525, 530, 540, 542, 545, 550, 555, 580, 594, 596.

Comprehensive Examination

None.

Thesis, Project, or Course-work-only options

Thesis or project required. No other options available.

Thesis: Students must earn at least 7 hours in BVis 598.
Project: Students who complete a project must earn at least 5 hours in BVis 597.

Other Requirements

Continuous registration: students who have completed all degree requirements except the thesis/project must register for zero credit hours to maintain continuous registration.

Disability and Human Development

Mailing Address: Department of Disability and Human Development, 1640 West Roosevelt Road, MC 626, Chicago, IL 60608-6904

Campus Location: 436 DHSP
Program Code: 20FS1165MS
Telephone: (312) 413-1647
E-mail: DHD@uic.edu
Head of the Department: Tamar Heller
Director of Graduate Studies: Glenn T. Fujiura

The Department of Disability and Human Development (DHD) offers work leading to the Master of Science in Disability and Human Development. Study and research are available in the specializations of Disability Studies and Social Policy and Rehabilitation Technology.

The Department also participates with the Department of Occupational Therapy and Department of Physical Therapy in offering work leading to the Doctor of Philosophy in Disability Studies. For further information on the Doctor of Philosophy in Disability Studies, please see the Disability Studies section of this catalog.

Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study. In exceptional cases applicants having a lower GPA may be admitted if they can demonstrate substantial evidence of their ability to complete the program successfully.

Tests Required: GRE general with a combined verbal and quantitative score of 1000.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required.

Other Requirements: Applicants must complete all forms included in the department’s application packet.

Deadlines: To receive full consideration for Fall admission, including consideration for graduate assistantships, applications should be received by March 1 of the year in which admission is being sought.

Degree Requirements

In addition to the minimum requirements of the Graduate College, students must meet the following program requirements:

Minimum Semester Hours Required: 36.
Coursework

This program requires a minimum of 36 semester hours of credit. At least 12 of these 36 hours must be attained in
courses at the 500 level. A maximum of 25% of the 36 hours (9 semester hours) may be transferred from accredited and acceptable graduate study at other institutions. Therefore, all students are required to earn a minimum of 27 semester hours of credit in formal course work and thesis/project work within the Master of Science program. Thesis research or thesis project credit may not exceed 40% of the required 36 hours, or a maximum of 14 hours.

**Required Core Courses:** DHD 401 and DHD 415.

**Specialization Courses:**
- Disability Studies and Social Policy: Must complete the following two additional courses: DHD 430 and DHD 570.
- Rehabilitation Technology: Must complete the following two additional courses: DHD 440; and DHD 551 or 565.

**Comprehensive Examination**
A written comprehensive examination is required only for students who do not elect the thesis option.

**Thesis, Project, or Course-work-only options**
Thesis or project required. No other options available.

- **Thesis:** A thesis is strongly recommended for students interested in pursuing careers in scholarship or research. Students electing a thesis must complete either DHD 446 or DHD 515, and must complete at least 8 hours of DHD 598.
- **Project:** Students must complete at least 4 hours of DHD 597.

**Disability Studies**

**Mailing Address:** PhD in Disability Studies Program, College of Applied Health Sciences, 1640 West Roosevelt Road, Room 207, MC 626, Chicago, IL 60608

**Campus Location:** 207 DHSP

**Program Code:** 20F51166PHD

**Telephone:** 996-1508

**E-mail:** mjjarman@uic.edu

**Website:** www.uic.edu/depts/idhd/DS

**Project Coordinator:** Michelle Jarman

**Director of Graduate Studies:** Carol Gill

The Department of Occupational Therapy, the Department of Physical Therapy, and the Department of Disability and Human Development participate in offering an interdisciplinary program leading to the Doctor of Philosophy in Disability Studies.

**Admission Requirements**

Applicants will be considered on an individual basis by the Admission Committee for the doctoral program in Disability Studies. Individuals determined to be deficient in one or more areas may be admitted upon the condition that their deficiencies are remedied through appropriate course work.

All applicants for the program are strongly encouraged to meet one or more faculty members whose research interests most closely match those of the student. The coordinator of the Ph.D. program will arrange such meetings for applicants upon request. (See the telephone number above.)

In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate field:** Bachelors or Master’s degree in an area relevant to the program.

- **Grade Point Average:** At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study and a minimum of 3.00 (A = 4.00) for all work beyond the baccalaureate level.
- **Test required:** GRE general with a combined score of at least 1000 for the verbal and quantitative sections.
- **Minimum TOEFL Score:** 550 (paper-based); 213 (computer-based).
- **Letters of recommendation:** Three required.
- **Personal statement:** Required.

**Degree Requirements**

The Disability Studies Program is designed primarily as a full-time course of study. Students who are full-time will be expected to maintain a course load of three or more classes per semester.

Each student will have an adviser chosen from the faculty of the program. The adviser will monitor the student’s progress through the program and serve as the chair for the dissertation committee.

- **Minimum Semester Hours Required:** 96 credit hours beyond the baccalaureate degree.

**Coursework**

- **Required Courses:** Dis 501, 502, 515, 541, and 2 hours of 595. At least 2 additional research courses appropriate to the student’s research interests are chosen with an adviser.
- **Elective Courses:** 24 semester hours of study in a content area, chosen in consultation with the student’s adviser. At least 12 hours must be from within the College of Applied Health Sciences.

**Examinations**

- **Qualifying Examination:** Required, written.
- **Preliminary Examination:** Required.
- **Dissertation:** Required. A minimum of 24 semester hours required. The dissertation must be defended at a public session before the dissertation committee and other members of the academic community.
- **Other requirements:** Students entering the program with a baccalaureate degree are required to participate in a research project approved by their adviser. Students entering with a master’s degree may have this requirement waived if they have completed equivalent work on a master’s thesis.

**Health Informatics**

**Mailing Address:** Department of Biomedical and Health Information Sciences, Office of Graduate Programs, 1919 West Taylor Street, MC 530, Chicago, IL 60612-7249

**Campus Location:** 250 AHSB

**Program Code:** 20F51303MS

**Telephone:** (312) 996-6317

**E-mail:** bhisgrad@uic.edu

**Website:** www.bhis.uic.edu

**Director of Graduate Studies:** Annette L. Valenta

The Department of Biomedical and Health Information Sciences (BHIS) offers work leading to a Master of Science in Health Informatics. Health Informatics is the science of healthcare-related information, encompassing clinical care and clinical, financial, IT, and enterprise management. BHIS participates in a joint-degree program, the MS in Nursing/MS in Health Informatics. A certificate in health informatics is available for health care professionals who already have a master’s degree. BHIS also offers the MS in biomedical visualization.

**Admission Requirements**

Applicants will be considered on an individual basis by the BHIS Committee on Academic and Educational Policy. Individuals determined to be deficient in one or more areas may be recommended to the Graduate College for admission upon the condition that any deficiencies are remedied through appropriate course work.

In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field:** No restrictions. The baccalaureate degree must be consistent with the applicant’s chosen area of study and career goals within health informatics. Prior academic work must include a course in basic computing skills (equivalent to BHIS 460) and one course in basic statistics taken within the last five years.

- **Grade Point Average:** At least 3.00 (A = 4.00) for the final 60 semester (90 quarter hours) of undergraduate study and for all cumulative graduate work previously taken.

- **Tests Required:** GRE general and writing assessment or GMAT. The score(s) must be from a test administered within five years from the requested date of entry.
Minimum TOEFL Score: If the applicant has taken the paper-based TOEFL, minimum scores in the range of 585–600 will be considered; in addition, the applicant must take the Test of Written English and submit scores in the range of 5–6. If the applicant has taken the computer-based TOEFL, minimum scores in the range of 240–250 will be considered. In this case the Test of Written English is not required.

Letters of Recommendation: Three required using the Graduate College forms.

Personal Statement: Required. The statement should address the applicant’s goals for graduate study and career development.

Other requirements: The following prerequisite courses (or equivalent coursework or professional experience): HIM 310 and HIM 317.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements.

Master of Science
Minimum Semester Hours Required: 45.
Coursework
Required Courses: BHIS 495, 500, 505, 510, 580, and 595.
Comprehensive Examination
None.

Thesis, Project, or Course-work-only option
Thesis or project required. No other options available.

Thesis: Students must earn at least 8 hours in BHIS 598.
Project: Students must earn at least 4 hours in BHIS 597.

Other requirements
Continuous registration: Students who have completed all degree requirements except the thesis/project must register for zero credit hours to maintain continuous registration.

MS (Nursing)/MS (Health Informatics)
Minimum Semester Hours Required: 56–58.
Coursework
The coursework will consist of core master’s degree courses for the College of Nursing, specialty courses in Administrative Nursing, and specialty courses in Health Informatics.

Core Courses in Nursing: NuSc 525, 526, 527, 528, 529, 597 or 598.

Specialty Courses in Administrative Nursing: NuAs 501, 502, 505, 512, 517, 520; Mgmt 541.

Specialty Courses in Health Informatics: BHIS 437, 510, 515, 520, 525, 530.

Human Nutrition
Mailing Address: Department of Human Nutrition, 1919 West Taylor Street, MC 517, Chicago, IL 60612-7256
Campus Location: 650 HHDSB
Program Codes: 20FS1326MS (MS); 20FS1326PHD (PhD)
Telephone: (312) 996-8055
E-mail: nutrition@uic.edu
Interim Head of the Department: Alan Diamond
Director of Graduate Studies: Alan Diamond

The Department of Human Nutrition offers work leading to degrees at both the master’s and doctoral levels. The objective of the program is to train outstanding scholars who will assume research, teaching and service positions related to human nutrition. Human nutrition is a multidisciplinary field that draws upon and integrates subject matter from a variety of disciplines (e.g., biochemistry, molecular and cell biology, and physiology as well as epidemiology, physical and cultural anthropology, sociology, and behavioral psychology). Master’s degree study in nutrition as a terminal degree (i.e., not leading to a Ph.D.) is most appropriate for students who wish to apply their nutrition knowledge through practice in health care or industry settings and can be combined, for example, with focused coursework in other fields such as public health, kinesiology, toxicology, business, or education. Doctoral studies emphasize nutritional biochemistry, clinical nutrition, and epidemiological studies of nutrition-related health problems in human populations and are designed to lead to academic research and teaching careers or to research careers in government or industry. Active research in the department relates to carotenoids, vitamin B-6 metabolism, nutrition and aging, cancer prevention, mechanisms of nutrient-dependent gene expression, adult and pediatric obesity, AIDS, biomarkers for dietary constituents, clinical nutrition outcomes and maternal phenylketonuria.

Admission Requirements
Applicants are considered on an individual basis. It should be noted that students needing prerequisites for admission can take these courses as nondegree students. In addition to the Graduate College minimum requirements, applicants must also meet the following program requirements:

Baccalaureate Field: Whereas applicants for graduate study in nutrition may come from the entire spectrum of undergraduate fields, or from other health professions such as medicine or nursing, applicants who do not have prior degrees in nutrition, dietetics, food science or a biological or health sciences field may not meet all course prerequisites without having to take selected additional undergraduate coursework. Minimum prerequisites for full admission to graduate study in nutrition can be obtained from the department.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

Test Required: GRE general; minimum combined verbal and quantitative score—1000.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required.
Other requirements: Candidates for direct admission to Ph.D. study may be asked to submit a sample of their prior published or unpublished written work. Prior work or research experience indicative of the ability for laboratory, clinical or community-based research will be considered. In addition, exploratory queries and interviews from potential candidates, especially Ph.D. candidates, are welcomed at any time. All applicants for direct admission for Ph.D. study are encouraged to interview in person with the graduate faculty, and such interviews may be required before an admissions decision is made. Contact the department at (312) 996-8055 for more information.

Nondegree Applicants
Nondegree applicants must submit a transcript from their baccalaureate institution.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science
Minimum Semester Hours Required: 36 from the baccalaureate.
Coursework
Required Courses: HN 410, 480, 510, and 595; AHS 510; Bstt 400; Bche 411.
Electives: Students must take at least two courses from among HN 420, 422, 461, 514, 515, 520, 522, 525, 530, 531, 532, 535, 570, or 594. The remaining electives may be taken in graduate-level courses in nutrition or other disciplines.
Comprehensive Examination
None.

Thesis, Project, or Course-work-only options
Thesis required. No other options available.

Thesis: Students must earn at least 7 hours in HN 598.

Doctor of Philosophy
Minimum Semester Hours Required: 96 from the baccalaureate.
Coursework

Required Courses: Bche 460; HN 514, 515, 530, 532, 580, 581, and 595.

Electives: Choice of electives should be guided by the sub-area of interest, in consultation with advisors.

Examinations

Preliminary Examination: Required. Through written and oral qualifying examinations, all Ph.D. students will be required to demonstrate competency in at least the following three content areas: a) nutrient metabolism (macro and micronutrients), b) nutritional assessment (anthropometry, biochemical, dietary) and c) research design and interpretation.

Dissertation: Required. The dissertation will be guided by a committee of HN and other graduate faculty appropriate to the nature of the research project. The format of the dissertation must comply with the UIC Graduate College requirements, as interpreted or expanded by the Department.

Movement Sciences

Mailing Address: Department of Movement Sciences, 901 West Roosevelt Road, MC 194, Chicago, IL 60608-1516

Campus Location: 356 PEB

Program Codes: 20FS3987MS (MS); 20FS3987PHD (PhD)

Telephone: (312) 996-9685

E-mail: rstone@uic.edu

Web Site: http://www.kines.uic.edu

School Director: Mark Grabner

Director of Graduate Studies: Charles Walter

The Department of Movement Sciences offers work leading to degrees in Movement Sciences at both the master’s and doctoral levels. M.S. candidates pursue coursework and research specializing in applied exercise physiology, exercise biology, or motor control and learning. Doctoral students are afforded research opportunities in exercise biology, motor control and learning and musculoskeletal biomechanics.

Admission Requirements

Applicants are considered on an individual basis. Complete transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Master of Science

Baccalaureate Field: No restrictions. Applicants to the concentrations in either applied exercise physiology or exercise biology must have completed two semesters of human anatomy and physiology, and one semester each of exercise physiology and human biomechanics (kinesiology).

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study and for all graduate work.

Tests Required: GRE general, with a minimum combined score of 950 on the quantitative and verbal sections.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required from past professors who can assess the candidate’s aptitude and potential to complete doctoral work.

Personal Statement: 1–2 pages explaining the applicant’s career goals and objectives for graduate study.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science

Minimum Semester Hours Required: 32. A 40-hour coursework-only option is also available.

Coursework

M.S. students completing a thesis or project will generally take 27 hours of coursework and independent research and then earn 5 hours for the Thesis or Project. Students completing the comprehensive exam and internship will take 29 hours of coursework and independent research and earn three hours for the internship experience. Of the coursework hours, at least nine must be at the 500-level and at least six must be in cognate areas (in units other than Movement Sciences). Students who complete the 40-hour, coursework-only option are required to take at least 18 hours at the 500-level. 40-hour students must also take MvSc 589 (Seminar in Movement Sciences) during their final year of study. All graduate students are required to take MvSc 500 (Research Methods in Movement Sciences). The required courses in each concentration are as follows:

Exercise Biology: MvSc 501, 523, 529.

Applied Exercise Physiology: MvSc 452, 460, 545, DHD 520/MvSc 540, and a graduate-level class in management or marketing.

Motor Control and Learning: MvSc 472, 501, PT/MvSc 571, MvSc 572, PT/MvSc 574.

Remaining hours can be met by Movement Sciences electives, cognates, or independent research projects. Grades lower than B in concentration courses will not be counted toward the degree. Students who receive more than two grades lower than B will be dropped from the program.

Comprehensive Examination

The comprehensive examination is only required of (and only available to) students in the examination/internship option of the M.S. specialization in Applied Exercise Physiology. Thesis, Project, or Course-work-only options (with and without internship)

Thesis: Recommended for students in the basic science concentrations (exercise biology and motor control and learning). A minimum of 5 hours of MvSc 598 is required; generally, 6 hours are taken.

Project: Recommended for students in applied exercise physiology. A minimum of 5 hours of MvSc 597 is required; generally, 6 hours are taken.

Coursework: 40 hours coursework-only or 32 hours coursework and examination/internship (see above).

Doctor of Philosophy

Minimum Semester Hours Required: 96.

Coursework

Required Courses: MvSc 500, 501, 502, and an advanced statistics course. An additional 18 hours of graduate coursework (not including independent study or thesis) is determined, in consultation with the advisor, based on interests and career goals of the individual student.

Examinations

1. Preliminary Exam.
2. Dissertation proposal.

Dissertation: Required.
Other Requirements:
All Ph.D. students are expected to participate in the teaching programs of the College of Applied Health Sciences.

Occupational Therapy
Mailing Address: Department of Occupational Therapy, 1919 West Taylor Street, MC 811, Chicago, IL 60612-7250
Campus Location: 311 AHSB
Program Codes: 20FS1511MS (Post-Professional); 20FS1510MS (Professional)
Telephone: (312) 996-6901
E-mail: OTDept@uic.edu
Head of the Department: Gary Kielhofner
Director of Graduate Studies: Gary Kielhofner
The Department of Occupational Therapy offers a program leading to the Post-Professional degree for students who are occupational therapists and who desire an advanced degree, as well as a Professional Master of Science degree for students who have a bachelor’s degree in another area. Students may focus on an area of clinical practice specialization (pediatrics, psychosocial, gerontology, physical disabilities) or on a role such as management and public policy, private practice, school system therapy, clinical education, or clinical research. Students may elect (on faculty approval) either a scholarship of discovery (research track) or scholarship of application (project track).

Please refer to the Disability Studies entry for a description of the PhD in Disability Studies jointly offered through the Departments of Occupational Therapy, Physical Therapy, and Disability and Human Development.

Admission Requirements
Post-Professional Master’s Degree
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: Applicants must have completed an Occupational Therapy education program at a school approved by the World Federation of Occupational Therapy and have a bachelor’s degree in Occupational Therapy (or another field, for international applicants with certification in occupational therapy but without a bachelor’s degree in occupational therapy). Applicants must have completed one course in statistics.

Grade Point Average: At least 3.00† (A = 4.00) calculated on the last 60 semester (90 quarter) hours toward the first bachelor’s degree and subsequent coursework.

Tests Required: GRE general; combined verbal and quantitative scores should be at least 1000†. GRE writing assessment; no minimum score is required.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required.

†Applicants who do not meet the GPA or GRE requirements, but who demonstrate strengths in other areas, may be considered.

Professional Master’s Degree (Entry-Level Degree)
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: Any field, no restrictions.
Baccalaureate degree in any field plus completion of the following prerequisites with a grade of C or above prior to enrollment: one course in anthropology or sociology (equivalent to Anth 101 or Soc 100); two courses in psychology (child psychology or child development* [equivalent to Psch 320] and abnormal psychology [equivalent to Psch 270]); one course in statistics (equivalent to Psch 343); one course in human physiology*, with laboratory, covering all structures and functions of the body (minimum of four semester hours); and one course in human anatomy* with laboratory (laboratory with 30 hours of human cadaver lab study required)(minimum of four semester hours)a two-course sequence in human anatomy and physiology is acceptable if it includes the cadaver laboratory [equivalent to Kine 251 and 252]).

*These courses must be taken within five years prior to admission to the department.

Grade Point Average: At least 3.00† (A = 4.00) calculated on the last 60 semester (90 quarter) hours toward the first bachelor’s degree and subsequent coursework.

Tests Required: GRE general; combined verbal and quantitative scores should be at least 1000†. GRE writing assessment; no minimum score is required.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required.

†Applicants who do not meet the GPA or GRE requirements, but who demonstrate strengths in other areas, may be considered.

Degree Requirements
Post-Professional Master’s Degree
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 36.

Coursework
Required Courses: AHS 510; OT 500 and 595.
Electives: Students must take either a research elective (3–4 hours) or a scholarship of practice elective (3-4 hours) chosen in consultation with an advisor. At least one course must be taken in the department.

Comprehensive Examination
None.

Thesis, Project, or Course-work-only options
Thesis or project required. No other options available.

Thesis: Thesis students must earn at least 8 hours in OT 598.

Project: Project students must earn at least 4 hours, but no more than 8 hours, in OT 597. If fewer than 8 hours in project option are taken, additional electives are required to acquire semester hours for graduation.

Professional Master’s Degree (Entry-Level Degree)
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 36.

Coursework
In order to qualify for certification as an occupational therapist, students in the professional degree program must elect clinical courses beyond the 36 credits required for graduation. Contact the Department of OT for more information on these required courses.

Required Courses: OT 500, 510 and 595.

The professional master’s degree has been fully accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA). It is located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220. AOTA’s telephone number is 301/652-AOTA. They also maintain a website at www.aota.org.

UIC graduates are able to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam the individual will be an occupational therapist, registered. Most states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT certification examination. A felony conviction may affect a graduate’s ability to sit for the NBCOT certification examination or attain state licensure.
Comprehensive Examination
None.

Thesis, Project, or Course-work-only options
Thesis or project required. No other options available.
Thesis: Thesis students must earn at least 8 hours in OT 598.
Project: Project students must earn at least 4 hours, but no more than 8 hours, in OT 597.

Physical Therapy
Mailing Address: Department of Physical Therapy, 1919 West Taylor Street, MC 898, Chicago, IL 60612-7251
Campus Location: 448 HHDSB
Program Code: 20FS1582MS
Telephone: (312) 996-1504
E-mail: zhasan@uic.edu
Head of the Department: Suzann Campbell
Director of Graduate Studies: Ziaul Hasan
The Department of Physical Therapy offers work leading to the Master of Science in Physical Therapy. Graduate study in physical therapy involves the investigation of questions related to how the body moves, how simple and complex motor skills are acquired and executed, and how therapeutic physical activity produces effects on physical performance under normal or abnormal neuromusculoskeletal conditions. Research in the field can be either basic or applied to practical clinical problems, and consequences of physical performance deficits on function and disability. Research areas include movement science, pediatrics, adult neurology, and rehabilitation.

Please refer to the Disability Studies entry for a description of the PhD in Disability Studies jointly offered through the Departments of Occupational Therapy, Physical Therapy, and Disability and Human Development.

Admission Requirements
In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:
Prior Degrees: Entry-level professional degree in physical therapy.

Grade Point Average: At least 3.00 (A = 4.00).
Tests Required: GRE general. Applicants should have a combined verbal and quantitative score of at least 1000.
Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).
Letters of Recommendation: Three professional references are required.
Personal Statement: Required; the statement should address the applicant’s goals for graduate study and career development.
Other Requirements: Licensure to practice physical therapy (or eligibility for American Physical Therapy Association membership, if foreign-trained). Preference will be given to applicants with clinical experience beyond their professional degree.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:
Minimum Semester Hours Required: 36.
Coursework
At least 12 hours must be at the 500 level. At least 12 hours must be in physical therapy. Students receiving 3 or more grades of C will be dismissed from the program.
Required Courses: A graduate-level statistics course (e.g. Soc 401, Bstt 502); a research methods course (e.g. AHS 510, NuSc 515); PT 501; and a movement science course from the following list: PT 510, 571, 572 (the last two are cross-listed as MvSC 571 and 572). A student registered full-time must take PT 595.
Electives: Choice of electives should be guided by the area of interest, in consultation with the advisor.

Comprehensive Examination
Required; written.
Thesis, Project, or Course-work-only options
Thesis required. No other options available.
Thesis: Students must earn at least 6 hours in PT 598.
Other Requirements
Students must complete at least one semester of full-time residency.
College of Architecture and the Arts

Architecture

Mailing Address: School of Architecture, 845 West Harrison Street, MC 030, Chicago, IL 60607-7024
Campus Location: 3100 A&A
Program Code: 20FS0249MARC
Telephone: (312) 996-7962
E-mail: nooreen@uic.edu
Director, School of Architecture: Daniel Friedman
Associate Director: Xavier Vendrell

The School of Architecture offers graduate programs leading to the Master of Architecture degree as both the first and second professional degree. The one-year program is designed for holders of a first professional degree in architecture. The three-year-with-advanced-standing program is designed for holders of a four-year professional degree in architectural studies. The three-year graduate program is designed for holders of degrees in fields other than architecture.

Admission Requirements
Applicants are considered on an individual basis. Transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions. Prior academic work in a university-level course in differential and integral calculus offered through a mathematics department is required. Applicants must have a basic understanding of algebra, geometry, and trigonometry.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

Tests Required: GRE general.
Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required, preferably from individuals acquainted with the applicant’s recent academic, professional, or creative work.
Personal Statement: Required; 500 words; the statement should address the relationship of this advanced training to the applicant’s personal and professional objectives.

Other Requirements: Applicants for admission to the one-year and three-years-with-advanced-standing programs must submit a portfolio with examples of their creative and/or professional work. Professional work should be separated from original work. Option III with Advanced Standing; acceptance into the program requires the prior completion of calculus I, introduction to computers in architecture, statics and strength of materials, one year of the history of architecture, one year of architectural design studio, and one year of building science. Acceptance requires a portfolio review and evaluation of previous coursework. Applicants to the three-year program are required to submit a portfolio of current creative work that does not need to be strictly architectural: for example, photographs, 3-D work, drawing, computer visualizations, writing, installations.

Deadlines
The application deadline for this program is earlier than the Graduate College deadline; contact the program for information on current deadlines.

Degree Requirements
The requirements for the degree vary according to the student’s previous studies and level of preparation. The Graduate Admissions Committee of the school will specify, at the time of admission, the program to which each student has been accepted. In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 32 to 112, depending on the student’s level of preparation.

Coursework
At least 24 hours must be at the 500 level in architecture.

Required Courses: One-year program: 16 hours of architectural design, 8 hours of architectural theory, and at least 8 hours of electives.
Three-year program: Arch 430, 442, 443, 444, 451, 452, 453, 454, 461, 462, 463, 464, 472, 473, 474, 485, 551, 552; AH 420 and 421; one art history elective; and 12 hours of architecture electives. Portfolio review occurs after 1st and 2nd years.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Coursework-only. No other options available.

Art History

Mailing Address: Department of Art History, 935 West Harrison Street, MC 201, Chicago, IL 60607-7039
Campus Location: 302 HH
Program Codes: 20FS0250MA (MA); 20FS0250PHD (PhD)
Telephone: (312) 996-3303
E-mail: susl@uic.edu
Web site: http://www.uic.edu/depts/arch/ah
Chairperson, Department of Art History: Robert Bruegmann
Director of Graduate Studies: Hannah Higgins

The Art History Department offers work leading to degrees at both the master’s and doctoral levels.

The Master of Arts in Art History offers study and research in the general areas of the history of architecture and art.

The PhD in Art History is designed to promote intellectual inquiry and provide professional-level training in the discipline, in a program that provides both wide coverage and particular depth in two broad areas of unusual and exceptional faculty strengths. In addition, there is the possibility of combining and blending course work and research in those areas in a direct interdisciplinary program. These two areas, which encompass the entire faculty, are the History of Art of the Americas and the History of Architecture, Design, and Urbanism.

Admission Requirements

Master of Arts
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions.
Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.
Tests Required: GRE general.
Minimum TOEFL Score: 650 (paper-based); 280 (computer-based).
Letters of Recommendation: Three required from faculty members or others familiar with the applicant’s training, ability, and experience.
Personal Statement: Applicants must submit a short statement of purpose.

Application Deadlines
January 1 for applicants who wish to be considered for financial aid from the department, and April 15 for all other applicants.

Doctor of Philosophy
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:
Baccalaureate Field: No restrictions.

Previous Degrees: Completion of a Master of Arts program in art history or equivalent is required for admission to the Ph.D. program. However, exceptional students may be admitted directly to the Ph.D. program with a bachelor’s degree, completing the requisite 96 semester credits of courses and the other requirements of the degree, without completing an M.A. Students originally accepted in the Department for the M.A. who wish to continue on to the doctorate must satisfy the Department’s Master of Arts degree requirements and be recommended by the Department for further work. Doctoral Applicants who have a Master of Arts degree in a related field may be accepted directly into the doctoral program with the transfer of up to 32 credits toward the doctorate. Examples of appropriate related degrees include: M.Arch., the M.F.A. in Art, and the M.A. in such humanities areas as History, Philosophy, or Literature.

Grade Point Average: At least 3.00 (A = 4.00) in an appropriate M.A. from another institution; if applying with a B.A., the applicant must have a 3.20 overall and a 3.50 in the major, or approval by the Graduate Program Committee.

Required Core Courses: AH 510 and 511 are required of all students who enter the Ph.D. program with an M.A. from another institution.

Required Courses: AH 510 and 511, 512. Teaching assistants are also required to take AH 512.

Comprehensive Examination: Required.

Thesis, Project, or Course-work-only options
Thesis or coursework-only. No other options available.

Thesis: No more than 8 hours of AH 598 can be applied to the degree.

Course-work only: Students who do not write a thesis must submit two substantial research papers written in conjunction with graduate courses taken in the Art History Department to the departmental Graduate Program Committee. No additional credit is granted for the completion of these papers.

Doctor of Philosophy
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 96 semester hours beyond the bachelor’s degree.

Course-work
Candidates must complete at least 64 semester hours of course work beyond the master’s degree. Of this amount, 32 semester hours must be in graduate seminars, of which 18 semester hours must be taken in the Department. At least 32 semester hours of credit beyond the M.A. degree must be at the 500 level. Of the 64 semester hours required beyond the master’s degree, a maximum of 24 semester hours of dissertation research are allowed.

Required Core Courses: AH 510 and 511 are required of all students who enter the Ph.D. program with an M.A. from another institution.

Areas of specialization include:
Art of the Americas—AH 562 and 16 hours in seminars AH 460, 463, 464, 470, 530, 560, 561, 563, 570, and directed reading courses in the area of concentration, as approved by the Director of Graduate Studies.

Architecture, Design, and Urbanism—AH 522 and 16 hours in seminars AH 541, 550, 560, 561, 563, 570, and directed reading courses in the area of concentration, as approved by the Director of Graduate Studies.

Students who have taken equivalent course work as part of an M.A. degree may petition the Director of Graduate Studies for a waiver of specific requirements; no course credit is given for a waived course.

Foreign Language Requirements: Students must present evidence, usually by a proficiency examination, of advanced knowledge of a language other than English as it relates to the student’s chosen area of research. Evidence of the ability to pursue research in additional languages may be necessary, depending on the availability of literature in the field selected, and the selection of those languages must be approved by the student’s advisor.

Admission Requirements
Applicants are considered on an individual basis. Transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions; however, individuals who apply must demonstrate an advanced level of competence in electronic visualization through their portfolio submission.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

Tests Required: None.

Minimum TOEFL Score: 580 (paper-based); 237 (computer-based).
Letters of Recommendation: Three required.

Personal Statement: Required; this statement of purpose should outline your current or previous work as relevant to your plans and objectives for advanced study; describe professional goals and how these goals were developed; and state why you would like to study in the chosen area in our school.

Other Requirements: Applicants must submit a portfolio of visual work demonstrating proficiency in the area of computer graphics, video and/or electronic visualization. The portfolio may be submitted as CD-ROM (PC-Compatible), 1/4" U-matic or VHS video and 12 to 15 slides of representative work. The school is not responsible for submissions of original work. Experience in time-based media (video or film) or computer graphics programming (C, C+, +, GL, Open GL) or mathematics may be required prior to entrance. Site visitation with area coordinators is encouraged.

Deadlines
The application deadline for this program is February 1; contact the School of Art and Design for more information.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 64.

Coursework
Required Courses: 16 semester hours of AD 502. At least 48 semester hours must be in the area of specialization and must include at least 36 semester hours at the 500 level.

Electives: At least 12 semester hours of graduate-level electives are required. The completion of at least two courses in art history is strongly recommended.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Project required. No other options available.

Project: All MFA candidates must present for review a public exhibition or showing. Documentation in the form of a major paper and slides of the project must be presented to the school for archival purposes.

Other Requirements
Continuation in the MFA program beyond the first 32 semester hours requires an evaluation and recommendation of the graduate advisory committee in the student’s area.

Film/Animation/Video
Mailing Address: School of Art and Design, 929 West Harrison Street, MC 036, Chicago, IL 60607-7038
Campus Location: 106 JH
Program Code: 20FS1257MFA
Telephone: (312) 996-3337
E-mail: bosbo@uic.edu

Acting Director, School of Art and Design: Rodney Carswell
Director of Graduate Studies: Susan Sensemann

The School of Art & Design offers work leading to the Master of Fine Arts (MFA) degree in Film/Animation/Video. The School also offers programs leading to the MFA degree in Electronic Visualization, Graphic Design, Industrial Design, Photography, and Studio Arts, and a program leading to the MA degree in Art Therapy. Consult the appropriate chapters in this catalog for more information on these programs. The School of Art and Design is an accredited institutional member of the National Association of Schools of Art and Design (NASAD).

Admission Requirements
Applicants are considered on an individual basis. Transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions; however, individuals who apply must demonstrate an advanced level of competence in film/animation/video through their portfolio submission.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

Tests Required: None.
Minimum TOEFL Score: 580 (paper-based); 237 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required; this personal statement should outline your current or previous work as relevant to your plans and objectives for advanced study; describe professional goals and how these goals were developed; and state why you would like to study in your chosen area in our school.

Other Requirements: Applicants must submit a portfolio of visual work demonstrating proficiency in the area of film/animation/video. The portfolio may be submitted CD-ROM (PC-Compatible), 1/2” or 3/4” NTSC or VHS video, or 16 mm film (which may have separate magnetic audio track). The school is not responsible for submissions of original work. Site visitation with area coordinators is encouraged.

Deadlines
The application deadline for this program is February 1; contact the School of Art and Design for more information.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 64.

Coursework
Required Courses: 16 hours of AD 502, 16 hours of AD 570, and 20 hours of AD 571.

Electives: At least 12 semester hours of graduate-level electives are required. The completion of at least two courses in art history is strongly recommended.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Project required. No other options available.

Project: All MFA candidates must present for review a public exhibition or showing. Documentation in the form of a major paper and slides of the project must be presented to the school for archival purposes.

Other Requirements
Continuation in the MFA program beyond the first 32 semester hours requires an evaluation and recommendation of the graduate advisory committee in the student’s area.

Graphic Design
Mailing Address: School of Art and Design, 929 West Harrison Street, MC 036, Chicago, IL 60607-7038
Campus Location: 106 JH
Program Code: 20FS0148MFA
Telephone: (312) 996-3337
E-mail: bosbo@uic.edu

Acting Director, School of Art and Design: Rodney Carswell
Director of Graduate Studies: Susan Sensemann

The School of Art & Design offers work leading to the Master of Fine Arts (MFA) degree in Graphic Design. The School also offers programs leading to the MFA degree in Electronic Visualization, Film/Animation/Video, Industrial Design, Photography, and Studio Arts, and a program leading to the MA degree in Art Therapy. Consult the appropriate chapters in this catalog for more information on these programs. The School of Art and Design is an accredited institutional member of the National Association of Schools of Art and Design (NASAD).
Admission Requirements

Applicants are considered on an individual basis. Transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions; however, individuals who apply must demonstrate an advanced level of competence in graphic design through their portfolio submission.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

Tests Required: None.
Minimum TOEFL Score: 580 (paper-based); 237 (computer-based).
Letters of Recommendation: Three required.
Personal Statement: Required; this statement of purpose should outline your current or previous work as relevant to your plans and objectives for advanced study; describe professional goals and how these goals were developed; and state why you choose to study in a research-oriented design program.

Other Requirements: Applicants must submit a portfolio of 12 to 15 slides of current work demonstrating proficiency in the area of graphic design. Competence and understanding of design-related computer technology, including proficiency in Quark XPress, Adobe Illustrator and Adobe Photoshop are recommended. Prerequisites and/or technical experience specific to this field of study may be required prior to entrance. Site visitation with area coordinators is encouraged. The school is not responsible for submissions of original work.

Deadlines

The application deadline for this program is February 1; contact the School of Art and Design for more information.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 64.
Coursework
Required Courses: 16 hours of AD 502, 16 hours of AD 510, and 20 hours of AD 511.
Electives: At least 12 semester hours of graduate-level electives are required. The completion of at least two courses in art history is strongly recommended.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Project required. No other options available.

Project: All MFA candidates must present for review a public exhibition or showing. Documentation in the form of a major paper and slides of the project must be presented to the school for archival purposes.

Other Requirements
Continuation in the MFA program beyond the first 32 semester hours requires an evaluation and recommendation of the graduate advisory committee in the student’s area.

Industrial Design

Mailing Address: School of Art and Design, 929 West Harrison Street, MC 036, Chicago, IL 60607-7038
Campus Location: 106 JH
Telephone: (312) 996-3337
E-mail: bosbo@uic.edu
Acting Director, School of Art and Design: Rodney Carswell
Director of Graduate Studies: Susan Sensenmann

The School of Art & Design offers work leading to the Master of Fine Arts (MFA) degree in Industrial Design. The School also offers programs leading to the MFA degree in Electronic Visualization, Film/Animation/Video, Graphic Design, Photography, and Studio Arts, and a program leading to the MA degree in Art Therapy. Consult the appropriate chapters in this catalog for more information on these programs. The School of Art and Design is an accredited institutional member of the National Association of Schools of Art and Design (NASAD).

Admission Requirements

Until further notice, no new students will be admitted to this program. Contact the program directly for details.

Applicants are considered on an individual basis. Transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions; however, individuals who apply must demonstrate an advanced level of competence in industrial design through their portfolio submission.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

Tests Required: None.
Minimum TOEFL Score: 580 (paper-based); 237 (computer-based).
Letters of Recommendation: Three required.
Personal Statement: Required; this statement of purpose should outline your current or previous work as relevant to your plans and objectives for advanced study; describe professional goals and how these goals were developed; and state why you would like to study in your chosen area in our school.

Other Requirements: Applicants must submit a portfolio of 12 to 15 slides or CD-ROM (PC- or Mac-compatible) of current work demonstrating proficiency in the area of industrial design. The school is not responsible for submissions of original work. Students who lack competence in computer-aided design will be required to take remedial work. Prerequisites and/or technical experience specific to this field of study may be required prior to entrance. Site visitation with area coordinators is encouraged.

Deadlines

The application deadline for this program is February 1; contact the School of Art and Design for more information.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 64.
Coursework
Required Courses: 16 hours of AD 502, 16 hours of AD 520, and 20 hours of AD 521.
Electives: At least 12 semester hours of graduate-level electives are required. The completion of at least two courses in art history is strongly recommended.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Project required. No other options available.

Project: All MFA candidates must present for review a public exhibition or showing. Documentation in the form of a major paper and slides of the project must be presented to the school for archival purposes.

Other Requirements
Continuation in the MFA program beyond the first 32 semester hours requires an evaluation and recommendation of the graduate advisory committee in the student’s area.

Photography

Mailing Address: School of Art and Design, 929 West Harrison Street, MC 036, Chicago, IL 60607-7038
In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

**Baccalaureate Field:** No restrictions; however, individuals who apply must demonstrate an advanced level of competence in photography through their portfolio submission.

**Grade Point Average:** At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

**Tests Required:** None.

**Minimum TOEFL Score:** 580 (paper-based); 237 (computer-based).

**Letters of Recommendation:** Three required.

**Personal Statement:** Required; this statement of purpose should outline your current or previous work as relevant to your plans and objectives for advanced study; describe professional goals and how these goals were developed; and state why you would like to study in your chosen area in our school.

**Degree Requirements**

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Minimum Semester Hours Required:** 64.

**Coursework**

**Required Courses:** 16 semester hours of AD 502, 16 semester hours of AD 560, and 20 semester hours of AD 561.

**Electives:** At least 12 semester hours of graduate-level electives are required. The completion of at least two courses in art history is strongly recommended.

**Comprehensive Examination**

None.

**Thesis, Project, or Coursework-only options**

Project required. No other options available.

Project: All MFA candidates must present for review a public exhibition or showing. Documentation in the form of a major paper and slides of the project must be presented to the school for archival purposes.

**Other Requirements**

Continuation in the MFA program beyond the first 32 semester hours requires an evaluation and recommendation of the graduate advisory committee in the student's area.

**Studio Arts**

**Admission Requirements**

Applicants are considered on an individual basis. Transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

**Baccalaureate Field:** No restrictions; however, individuals who apply must demonstrate an advanced level of competence in photography through their portfolio submission.

**Grade Point Average:** At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

**Tests Required:** None.

**Minimum TOEFL Score:** 580 (paper-based); 237 (computer-based).

**Letters of Recommendation:** Three required.

**Personal Statement:** Required; this statement of purpose should outline your current or previous work as relevant to your plans and objectives for advanced study; describe professional goals and how these goals were developed; and state why you would like to study in your chosen area in our school.

**Deadlines**

The application deadline for this program is February 1; contact the School of Art and Design for more information.

**Degree Requirements**

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Minimum Semester Hours Required:** 64.

**Coursework**

**Required Courses:** 16 semester hours of AD 502, 16 semester hours of AD 560, and 20 semester hours of AD 561.

**Electives:** At least 12 semester hours of graduate-level electives are required. The completion of at least two courses in art history is strongly recommended.

**Other Requirements**

Continuation in the MFA program beyond the first 32 semester hours requires an evaluation and recommendation of the graduate advisory committee in the student’s area.

**Studio Arts**

**Admission Requirements**

Applicants are considered on an individual basis. Transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

**Baccalaureate Field:** No restrictions; however, individuals who apply must demonstrate an advanced level of competence in photography through their portfolio submission.

**Grade Point Average:** At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

**Tests Required:** None.

**Minimum TOEFL Score:** 580 (paper-based); 237 (computer-based).

**Letters of Recommendation:** Three required.

**Personal Statement:** Required; this statement of purpose should outline your current or previous work as relevant to your plans and objectives for advanced study; describe professional goals and how these goals were developed; and state why you would like to study in your chosen area in our school.

**Other Requirements**

Applicants must submit up to 12 slides as a portfolio of visual work demonstrating proficiency in the area of studio arts. An optional additional portfolio may include visual work demonstrating proficiency in the area of studio arts. An optional additional portfolio may include video/audio submissions. The school is not responsible for submissions of original work. Prerequisites and/or technical experience specific to this field may be required prior to entrance. Site visitation with area coordinators is encouraged.

**Deadlines**

The application deadline for this program is February 1; contact the School of Art and Design for more information.

**Degree Requirements**

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Minimum Semester Hours Required:** 64.

**Coursework**

**Required Courses:** 16 semester hours of AD 502, 16 semester hours of AD 530, and 20 semester hours of AD 531.

**Electives:** At least 12 semester hours of graduate-level electives are required. The completion of two courses in art history is strongly recommended.
Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Project required. No other options available.

   Project: All MFA candidates must present for review a public exhibition or showing. Documentation in the form of a major paper and slides of the project must be presented to the school for archival purposes.

Other Requirements
Continuation in the MFA program beyond the first 32 semester hours requires an evaluation and recommendation of the graduate advisory committee in the student’s area.
Graduate College deadline; contact the program for
The application deadline for this program is earlier than the
Deadlines
twelve hours from Actg 417, 446, 456, 465*, 475, 484*, 509,
(at least 3.00 (A
Applicants possessing a master's degree in business or an
courses.
program.
The College of Business Administration also offers a
program leading to the Master of Business Administration
degree. This professional program is not part of the
Graduate College. Contact the Graduate Business
Program office for more information on the MBA
program at (312) 996-4573 or mba@uic.edu.

Accounting
Mailing Address: Department of Accounting, UIC Liautaud
Graduate School of Business, 601 South Morgan Street, MC
006, Chicago, IL 60607-7122
Campus Location: 2323 UH
Program Code: 20FS1000MS
Telephone: (312) 355-1331
E-mail: willkar@uic.edu
Head of the Department of Accounting: Ram T. S.
Ramakrishnan
Director of Graduate Studies: Somnath Das
Assistant Director of MSA: Karen A. Williams
The Department of Accounting through the Liautaud
Graduate School of Business offers work leading to the
Master of Science in accounting degree and participates with
the MBA Program in the MBA/MS (accounting) joint degree
program.

Admission Requirements
In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Master of Science
Applicants are considered on an individual basis. Transcripts
for all undergraduate and any graduate work must be
submitted.

Baccalaureate Field: No restrictions.

Grade Point Average: At least 3.00 (A = 4.00) for the
final 60 semester (90 quarter) hours of undergraduate study.

Applicants possessing a master's degree in business or an
equivalent degree from a program accredited by the AACSB-
International must have maintained a grade point average of
at least 3.00 (A = 4.00) in that program.

Tests Required: GMAT; minimum score of 500.

Minimum TOEFL Score: 570 (paper-based); 230
(computer-based).

Letters of Recommendation: Three required.
Personal Statement: Required.
Resume: Required.
Other Requirements: Fall admission is preferred.

Deadlines
The application deadline for this program is earlier than the
Graduate College deadline; contact the program for
information on current deadlines.

MBA/MS (Accounting)
Applicants to the joint degree program must satisfy the
admission requirements of both the MBA and MS programs. In addition to the requirements listed above for the MS
program, applicants must demonstrate proficiency in
microcomputer software applications, including word
processors, spreadsheets, and databases, and business
statistics.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science
Minimum Semester Hours Required: 32.
Coursework
Degree candidates must present a cumulative grade point
average of at least 3.00 (A = 4.00) for all 400- and 500-level
courses.

Required Courses (20 hours): Actg 515 and 593; and
twelve hours from Actg 417, 446, 456, 465*, 475, 484*, 509,
516*, 525*, 535*, 545*, 585, 594 (with at least one
marked*).

Background and Breadth courses (up to 44 hours): All MS
in Accounting students must also complete the following
eleven courses. Up to eight of these courses can be waived
based on completion of prior satisfactory equivalent study:
Three Business Electives: Actg 435, 474, 500, 502, 503, 506,
508; IDS 570.

At least 5 of the courses must be at the 500 level.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Coursework-only. No other options available.

MBA/MS (Accounting)
Minimum Semester Hours Required: 68.
Coursework
Students must maintain a cumulative grade point average of
at least 3.00 (A = 4.00) for all course work, including
background courses.

Required Courses (56 hours): Actg 515 and 593; twelve
hours from Actg 417, 446, 456, 465*, 475, 484*, 509, 516*,
525*, 535*, 545*, 585 (with at least one marked *); Econ
520; Fin 500; IDS 532; Mgmt 541; Mtkg 500; a 12-hour
concentration within the MBA program, excluding
accounting; and one 500-level business course from a
department other than accounting and MBA concentration
field.

Background Courses (up to 24 hours): Actg 435, 500, 502,
503, 506, 508. Any of the accounting background courses can
be waived with prior credit and Actg 500 can be waived with
a competency examination. However, a minimum of 68 hours
must be completed by taking additional accounting or
business electives.

No more than two 400-level courses can be counted
toward the MS portion of the degree.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Coursework-only. No other options available.

Business Administration PhD
Mailing Address: Doctoral Programs, UIC Liautaud
Graduate School of Business, 601 South Morgan Street, MC
075, Chicago, IL 60607-7122
Campus Location: 2329 UH
Program Code: 20FS0079PHD
Telephone: (312) 413-1305
E-mail: gradbus@uic.edu
Director of PhD Program: Arkalgud Ramaprasad

The doctoral program is designed to produce scholars and
practitioners who are well qualified to conduct creative and
significant research in business studies. Currently four Areas
of Inquiry are available: business economics, business
statistics, human resource management, and marketing.

Students will either select one of these areas or pursue unique
interests in a course of study that is custom designed by
business school faculty.

Admission Requirements
Admission is competitive. The Doctoral Studies Programs
Office has its own application packets and procedures; all
application materials, including transcripts and fees, must be
submitted directly to this office. Transcripts for all
undergraduate and any graduate work must be submitted in a
signed, sealed envelope. In addition to the Graduate College
minimum requirements, applicants must meet the following
program requirements:

Baccalaureate Field: No restrictions. Prior academic work
should include mathematics/statistics, computing/analysis, and
business.
Grade Point Average: At least 2.75 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

Tests Required: GMAT or GRE. The score must be from a test administered within five years from the requested date of entry. The writing assessment is required.

Minimum TOEFL Score: 600 (paper-based); 250 (computer-based).

Letters of Recommendation: Three required from persons familiar with the intellectual skills, perseverance, and integrity of the applicant. At least one recommendation should be from an academic familiar with the applicant’s work.

Personal Statement: Required; 500 words; the statement should address the applicant’s interests and qualifications, including research interests and the impact this work is expected to have on the applicant’s career.

Other Requirements: Interviews with the faculty in the field of the degree, the PhD Coordinator, the Director of Doctoral Studies, and the department head are advised.

Students are admitted only in the fall semester.

Deadlines
The application deadline for this program is earlier than the Graduate College deadline; contact the College of Business Administration’s Doctoral Studies Programs Office for information on current deadlines.

Degree Requirements

Minimum Semester Hours Required: 96 from the baccalaureate, 64 from the MBA.

Coursework
The first year of study will include a two-course requirement in mathematics, statistics, or computing, a four-course breadth requirement (four MBA core courses, no two of which are from the same functional area and none of which is from the Area of Inquiry), and a six-course depth requirement (advanced courses, at least two of which are sufficiently rigorous to provide the basis for the qualifying exam).

Following the qualifying exam, additional course requirements are determined by the student’s advisor.

Required Courses: Any two from among Econ 504; IDS 527; Mgmt 581, 582; Mktg 571; Phil 517, 521; PolS 500 or PPA 500; plus at least 8 hours of research methodology in the student’s degree area. Additional required courses vary by degree area; contact the Doctoral Studies Program Office for information on the specific requirements of each area.

Examinations
Qualifying Examination: A written exam, based upon courses used for the student’s depth requirement, is required and will be administered by faculty in the student’s Area of Inquiry.

Preliminary Examination: A written and/or oral exam, addressing advanced material in the Area of Inquiry and/or the student’s plans for dissertation research, is required.

Dissertation
A dissertation demonstrating the ability to conduct original, scholarly research is required. No more than 32 hours of doctoral thesis research can be applied to the degree.

Other Requirements
Students must serve as a teaching assistant or research assistant. This requirement may be waived for students with appropriate teaching or research experience.

Economics

Mailing Address: Department of Economics, 601 South Morgan Street, MC 144, Chicago, IL 60607-7121

Campus Location: 2103 UH

Program Codes: 20FS0074MA (MA); 20FS0074PHD (PhD)

Telephone: (312) 996-2683

E-mail: econ@Lx1.econ.uic.edu

Head of the Department: Barry R. Chiswick

Director of Graduate Studies: Paul J. Pieper

The Department of Economics offers work leading to the Master of Arts in Economics and the Doctor of Philosophy in Economics. The department also participates with the MBA Program in offering the MBA/MA (Economics) joint degree program. In addition, the Business Administration doctoral program offers a specialization in business economics; consult the appropriate chapter in this catalog for more information.

Admission Requirements

In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Master of Arts and Doctor of Philosophy
Applicants are considered on an individual basis. Transcripts from all colleges and universities attended in the last eight years must be submitted.

Baccalaureate Field: An undergraduate degree in economics is desirable but not required. Prior academic work should include introductory calculus, statistics, intermediate microeconomic theory, and intermediate macroeconomic theory.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

Tests Required: GRE or GMAT.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required.

MBA/MA (Economics)
Prospective students for the joint degree program must apply and be admitted to both programs. All application materials should be submitted to the MBA Program office.

Deadlines
The application deadline for this program is earlier than the Graduate College deadline; contact the program for information on current deadlines.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Arts

Minimum Semester Hours Required: 40.

Coursework
At least 32 hours must be in economics, of which at least 28 hours must be at the 500 level, excluding Econ 592, 596, 597, and 598. No more than 12 hours total of Econ 592, 596, 597, and 598 can be applied to the degree. Econ 520, 540, 541, and 599 cannot be used to satisfy any MA requirement.

Required Courses: Econ 501, 502, 511, 512, and 535.

All students must complete the four courses in economic theory (Econ 501, 502, 511, and 512) with a grade point average in these four courses of at least 3.00. Credit will be given for at most one grade of C in any of these courses.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Thesis or coursework-only. No other options available.

Thesis: No more than 8 hours of Econ 598 can be applied to the degree.

Coursework-only: Students who do not write a thesis must enroll in Econ 592 or 596 for 4 hours of credit, and write an acceptable paper for the course.

MBA/MA (Economics)
Minimum Semester Hours Required: 72.

Coursework
No more than 12 hours total of Econ 592, 596, 597, and 598 can be applied to the degree.

Required Courses: Actg 500; Econ 501, 502, 511, 512, 534, 535; Fin 500; IDS 532; Mgmt 541; Mktg 550. All students must complete the four courses in economic theory (Econ 501, 502, 511, 512) with a grade point average in these four courses of at least 3.00. Credit will be given for at most one grade of C in any of these courses.
Electives: 12 additional hours in economics at the 500 level (excluding Econ 520, 521, 540, 541, 593 and 599), and 16 additional hours of 500-level courses in at least two other disciplines within the College of Business Administration except economics.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Thesis or coursework-only. No other options available.

Coursework-only: Students who do not write a thesis must enroll in Econ 592 or 596 for 4 hours of credit, and write an acceptable research paper for the course.

Doctor of Philosophy
Minimum Semester Hours Required: 104 from the baccalaureate, 72 from the master’s.

Coursework

Students must also select two areas, each consisting of at least two 500-level Economics courses. The required courses and Econ 520, 521, 540, 541, 592, 593, 598, or 599 may not be used to satisfy the area requirement.

Electives: One additional graduate-level course in economics and two other graduate-level courses related to the student’s area of study in a social science or business discipline outside of economics.

Examinations
Departmental Qualifying Examination: Students must take written qualifying examinations in microeconomics and macroeconomics within two years after admission to the program. Students who receive a failing grade on either exam on two occasions will not be allowed to continue in the PhD program.

Preliminary Examination: Written; the exam covers two areas in economics. The oral portion of the exam may be waived on agreement of the examination committee.

Dissertation
Required.

Interdepartmental Concentration in Gender and Women’s Studies
A student earning a graduate degree in this department may enroll for a Graduate Concentration in Gender and Women’s Studies. The requirements for this concentration are application to the Gender and Women’s Studies Graduate Director; approval by a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor; and a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be in directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor. Students pursuing this concentration must consult the Gender and Women’s Studies Graduate Director.

Management Information Systems
Mailing Address: Doctoral Studies Program, UIC Liautaud Graduate School of Business, MC 075, 601 South Morgan Street, Chicago, IL 60607-7122
Campus Location: 2329 UH
Program Codes: 20FS9890MS (MS); 20FS9890PHD (PhD)
Telephone: (312) 413-1305
E-mail: cgeo@uic.edu (MS); phdbus@uic.edu (PhD)
Head of the Department: Arkalgud Ramaprasad
Director of Graduate Studies: MS: King-Tim Mak; PhD: Richard Potter
The Department of Information and Decision Sciences through the Liautaud Graduate School of Business offers graduate programs leading to the Master of Science in Management Information Systems, a MBA/MS (MIS) joint degree, and a Doctor of Philosophy in management information systems. All programs are taught by nationally renowned faculty and are accredited by AACSB-International.

The MS in MIS is an advanced degree in the application of information technology to solve business problems. The program is designed to train future CIOs, project managers, and technology leaders. A student in the program may specialize in technical, managerial, or a combination of the two areas. Some of the leading-edge topics that will be covered in the program are web-services, business process design, enterprise application platforms, data warehousing, corporate IT management, information systems security, and business continuity.

The program is designed for professionals and students (a) in information systems who would like to gain advanced knowledge of the use of information technology; and (b) in other business functions such as marketing, finance, and accounting who would like to use information systems effectively. The program is flexible and suitable for students with experience or education in information systems, business administration, computer science, engineering, health care or other disciplines. A student may enroll full-time or part-time. A full-time student with adequate foundation can complete the program in a year. The MS degree is also offered jointly with the MBA.

The program leading to a Ph.D. in Management Information Systems focuses on an interdisciplinary business understanding of how technology can affect an organization’s behavior, structure, and function, and on the effective use, control, and management of information and computer systems. Both the technical aspects and organizational impact of information management are assessed. A faculty on the cutting edge of modern MIS practices ensures dynamic research and teaching possibilities in this field.

Admission Requirements
Master of Science
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: Individuals from all baccalaureate fields are encouraged to apply. The exact course requirements will be determined based on an individual’s baccalaureate field and work experience.

All applicants must have had the following background coursework: mathematics through the level of calculus covering integration and differentiation, and statistics through regression analysis.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate studies. Applicants with a master’s degree must have maintained a GPA of at least 3.00 (A = 4.00) in that program.

Tests Required: GMAT or GRE taken within five years of entry into the program. Minimum GMAT: 550.
Minimum TOEFL Score: 585 (paper-based); 239 (computer-based).

Letters of Recommendation: Two required; at least one should be from a former teacher.

Personal Statement: Required.

Master of Business Administration/ Master of Science (MIS)
Applicants to the joint degree program must apply and be accepted to both the MBA and MS in MIS programs and satisfy the admission requirements independently for both programs. Students already enrolled in the MBA program must apply to the joint degree program before completing more than 32 credit hours of study in the MBA program.
Doctor of Philosophy
Admission is competitive. Application packets and procedures are different for the PhD in MIS and must be submitted to the Doctoral Programs Office. All application materials, including transcripts and fees, must be submitted directly to this office. Transcripts for all undergraduate and any graduate work must be submitted in a signed, sealed envelope. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

**Baccalaureate Field:** No restrictions. Prior academic work should include mathematics/statistics, computing/analysis, and business.

**Grade Point Average:** At least 2.75 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

**Tests Required:** GMAT or GRE. The score must be from a test administered within five years from the requested date of entry. The writing assessment is required.

**Minimum TOEFL Score:** 600 (paper-based); 250 (computer-based).

**Letters of Recommendation:** Three required from persons familiar with the intellectual skills, perseverance, and integrity of the applicant. At least one recommendation should be from an academic familiar with the applicant’s work.

**Personal Statement:** Required; 500 words; the statement should address the applicant’s interests and qualifications, including research interests and the impact this work is expected to have on the applicant’s career.

**Other Requirements:** All applicants must have had mathematics through the level of calculus covering integration and differentiation, and statistics through regression.

Students are admitted only in the fall semester.

**Deadlines**
The application deadline for this program is earlier than the Graduate College deadline; contact the Liautaud Graduate School of Business Doctoral Studies Programs Office for information on current deadlines.

**Degree Requirements**

**Master of Science in MIS**
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Minimum Semester Hours Required:** 32.

**Coursework**
No more than two 400-level courses can be counted towards the degree.

**Required Courses:**
- **Core knowledge** (0–12 hours): IDS 517, 520, and 521. Each course may be substituted by an elective course if the student has equivalent prior coursework or work experience.
- **Capstone project experience** (4 hours): IDS 507, 508, and 596. To be taken only after the completion of the Core Knowledge courses.
- **IS Management** (4 hours): IDS 514, 515, and 523.
- **Technical prerequisites** (0–12 hours): IDS 401, 405, and 410. Each course may be waived based on equivalent prior coursework or appropriate work experience in the technical area. These courses will not count towards the minimum degree requirement of 32 hours.
- **Business prerequisites** (0–12 hours): Two introductory courses in any two functional areas of business: operations management, IDS 355 or 532; accounting, Actg 110, 111, or 500; finance, Fin 300 or 500; marketing, Mktg 360 or 500; or management, Mgmt 340 or 541. Each course may be waived based on equivalent prior coursework or appropriate work experience in the functional area. These courses will not count towards the minimum degree requirement of 32 hours.

**Electives:**
Three to five courses chosen with the approval of the Director of Graduate Studies. Courses from other departments and colleges may be taken as electives with his or her approval. These courses may be chosen so as to fit career tracks in E-Business Systems, E-Business Applications, Operations and Supply Chain, IS Management, IS Operations, Data and Knowledge Management, IS Consulting, or Inter-Organizational Architecture.

**Comprehensive Examination**
None.

**Thesis, Project, or Coursework-only options**
Coursework-only. No other options available.

**Master of Business Administration/ Master of Science (MIS)**
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Minimum Semester Hours Required:** 70.

**Coursework**
All requirements of both the MBA degree and the MS in MIS must be satisfied. At most four courses may be counted toward the requirements of both degrees. The MBA Core courses will fulfill the Business Prerequisites of the MS in MIS program. Technical prerequisites may not be used to satisfy any part of the eight-course requirement for the MS in MIS part of the joint program. No more than two 400-level courses can be counted toward the MS in MIS portion of the degree.

**MBA Required Courses:**
- Core courses (24 hours): Actg 500, Econ 520, Fin 500, IDS 532, Mgmt 541, and Mktg 500.
- **MBA Electives:**
  - 16 hours of 500-level courses from at least two departments within the College of Business Administration.

**MS in MIS Required Courses:**
- **Core knowledge** (0–12 hours): IDS 517, 520, and 521.
- Each course may be substituted by an elective course if the student has equivalent prior coursework or experience.
- **Capstone project experience** (4 hours): IDS 507, 508, and 596. To be taken only after the completion of the Core Knowledge courses.
- **IS Management** (4 hours): IDS 514, 515, and 523.
- **Technical prerequisites** (0–12 hours): IDS 401, 405, and 410. Each course may be waived based on equivalent prior coursework or appropriate work experience in the technical area. These courses will not count towards the MS in MIS degree requirement of 32 hours. However, these or their equivalent courses may be counted towards a concentration or specialization in the MBA program.
- **Business prerequisites** (0 hours): This requirement will be fulfilled by the MBA core courses.

**Electives:**
Three to five courses chosen with the approval of the Director of Graduate Studies. Courses from other departments and colleges may be taken as electives with his or her approval. These courses may be chosen so as to fit career tracks in E-Business Systems, E-Business Applications, Operations and Supply Chain, IS Management, IS Operations, Data and Knowledge Management, IS Consulting, or Inter-Organizational Architecture.

**Comprehensive Examination**
None.

**Thesis, Project, or Coursework-only options**
Coursework-only. No other options available.

**Doctor of Philosophy**
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Minimum Semester Hours Required:** 96 from the baccalaureate, 64 from MBA, MS in MIS, MSA, or a business-related master’s degree; including between 24 and 32 hours of dissertation research.

**Coursework**

**Breadth Requirement:** Two introductory courses in any two functional areas of business (for example, IDS 532; Actg 500; Econ 520, 521; Fin 500; Mktg 500; or Mgmt 541). These courses will not count toward the 64 semester hours requirement for entrants with a master’s degree.
**Technical Requirement:** IDS 401, 405, and 410. Each course may be waived based on equivalent prior coursework or appropriate work experience in the technical area. These courses will not count towards the 64 semester hours requirement for entrants with a master’s degree.

**Basic Competency:** IDS 520, 517, and 521. Each course may be waived based on equivalent prior coursework or appropriate work experience in the technical area.

**MIS Specialization:** Minimum of 6 courses (24 credit hours) including two IDS Research Seminars (IDS 529), three specialized courses in areas of individual interest, IS research topics (IDS 525), and additional courses in consultation with the Director of the PhD program.

**Research Methods:** 3–4 courses (12–16 semester hours) including statistical methods in research, behavioral research methods overview, quantitative methods in research, and additional courses to be decided in consultation with the Director of the PhD program.

**Examinations**

**Annual Evaluation:** An evaluation will be held at the end of the spring semester each year that the student is in the program. The evaluation will be conducted by a “student committee,” which will include the PhD Director as the chairperson, the student’s mentor, and the entire IDS faculty who taught the student during that year. The committee will administer a written exam each year until the student passes the preliminary examination; it will determine the type and scope of the exam.

**Preliminary Examination:** A written and/or oral exam, addressing advanced material in the Area of Inquiry and/or the student’s plans for dissertation research, is required.

**Dissertation**

A dissertation demonstrating the ability to conduct original, scholarly research is required. No more than 32 hours of doctoral thesis research can be applied to the degree.

**Other Requirements**

Students must serve as a teaching assistant or research assistant. This requirement may be waived for students with appropriate teaching or research experience.

**Real Estate**

Mailing Address: Liautaud Graduate School of Business
Program Office, UIC College of Business Administration
(MC 077), 815 West Van Buren Street, Suite 220, Chicago, IL 60607-3525

Campus Location: Room 220 Rice Building
Program Code: 20FS1657MA
Telephone: (312) 996-4573
E-mail: mba@uic.edu
Director of Graduate Studies: Daniel P. McMillen

The Master of Arts in Real Estate program at the University of Illinois at Chicago Liautaud Graduate School of Business combines economics, finance, and urban planning to provide students with a full perspective of the field of real estate. The program takes advantage of UIC’s location by emphasizing urban real estate markets and by using metropolitan Chicago as a working laboratory. The program is intended for professionals working in either the private or public sectors that are concerned with real estate and real estate development issues. Students will learn the basic principles of economics, finance, urban planning, and urban land use law that are needed to gain fundamental knowledge of the operation of urban real estate markets, methods of real estate finance, and systems used to plan and regulate urban real estate development. The purpose of the program is to turn students into educated professionals in the field of urban real estate.

**Admission Requirements**

In addition to the Graduate College minimum requirements, applicants must meet the following program requirements.

**Master of Arts**

All applications are considered on an individual basis. Transcripts for all undergraduate and any graduate work must be submitted.

**Baccalaureate Field:** No restrictions.

**Grade Point Average:** At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

**Tests Required:** GMAT or GRE. The score must be from a test that was administered within five years of the requested date of entry. The writing assessment is required.

**Minimum TOEFL Score:** 585 (paper-based); 239 (computer-based).

**Letters of Recommendation:** Two required.

**Personal Statement:** Required.

**Other Requirements:** Fall admission only. The formal prerequisites for admission to the program are a basic background in mathematics and business statistics, which can be fulfilled by completing the online mini-course, Review of Basic Mathematics and Statistics for MBA Students (http://phd.cba.uic.edu/MathTutorial/Start.html).

**Degree Requirements:**

The MA in Real Estate is offered by the College of Business Administration in collaboration with the College of Urban Planning and Public Affairs. Students in the program can choose a concentration in either business or urban planning. Students can pursue the degree on either a full-time or part-time basis.

**Minimum Semester Hours Required:** 35.

**Coursework**

Degree candidates must present a cumulative grade point average of at least 3.00 (A = 4.00) for all course work, including background (foundation) courses.

**Required Courses** (27 hours):
- Econ 520, 571, Econ/Fin 472, Fin 500, UPP 501, 553, MBA 590.

**Areas of Concentration** (8 hours):
- Students must declare either a business or urban planning concentration.

**Business Concentration** Two courses from the following:
- Econ 475, 534, 572, 575.

**Urban Planning Concentration** Two courses from the following:
- UPP 530, 533, 542, 557.

**Comprehensive Examination** None.

**Thesis, Project or Coursework-only options**
Coursework-only. No other options available.
College of Dentistry

Oral Sciences

Mailing Address: College of Dentistry, 801 South Paulina, MC 621, Chicago, IL 60612-7211
Campus Location: 102 Dent
Program Code: 20FS1525MS
Telephone: (312) 996-0213
E-mail: marucha@uic.edu
Director of Graduate Studies: Phillip T. Marucha

The College of Dentistry offers a program of study and research leading to the Master of Science degree in Oral Sciences. The graduate program provides education in areas including, but not limited to, molecular biology, biochemistry, cell biology, histology, pathology, biomaterials, immunology, behavioral sciences, clinical sciences, and functional morphology with an emphasis on the oral structures in health and disease. The program provides graduate training to increase understanding of oral disease along with a strong research experience. Students have a variety of opportunities for specialization within the program according to their interests and their chosen careers in dentistry. Research is conducted in one of the following units: Endodontics, Oral Biology, Orthodontics, Oral and Maxillofacial Surgery, Oral Pathology, Pediatric Dentistry, Periodontics, Restorative Dentistry and the Center for Molecular Biology of Oral Diseases.

Admission Requirements
An applicant must first obtain an endorsement from one of the academic units in the College of Dentistry before filing an application. Endorsement is obtained by forwarding a personal statement and résumé to the department head in the dental discipline where approval is sought. Applicants are considered on an individual basis. Contact the graduate program in the College of Dentistry for a list of department heads.

In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: BS, BA or equivalent degree. Prior academic coursework should include biology, general chemistry, histology and other related sciences.

Grade Point Average: At least 2.75 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate or previous postgraduate study.

Tests Required: The GRE general is required of all applicants except those who are either currently enrolled in or are graduates of a DDS, MD, DVM or equivalent program.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required, preferably from individuals acquainted with the applicant’s recent academic work. These are sent directly to the head of the department where an endorsement has been received.

Personal Statement: Required; the statement should include a brief summary describing the applicant’s area of interest, purpose, and desired discipline of study. This statement along with a current résumé is sent directly to the department in which an endorsement is being sought.

Other Requirements: None.

Nondegree Applicants
Nondegree applicants must obtain approval from the Director of Graduate Studies in the College of Dentistry for admission to the program.

Degree Requirements
Minimum Semester Hours Required: 32 credit hours as specified below.

coursework
Required Courses: Bstt 400 or equivalent; OSci 451, 452, 580, 581; at least 6 credit hours of OSci 598; 9 credit hours of 500-level graduate courses.

Selectives: At least 6 credit hours; one course must be in the student’s area of research.

Electives: Additional courses needed to satisfy the remaining credit hours may be chosen from the offerings listed in the Graduate Catalog.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Thesis required. No other options available.

Thesis: Students must earn at least 6 hours in OSci 598. No more than 20 hours of OSci 598 can be applied to the degree.
College of Education

The College of Education offers course work which leads to the Doctor of Education in Urban Education Leadership with strands of study for the Illinois Type 75 Administrative Endorsement, the Illinois Superintendent Endorsement and general advanced studies in Urban Education Leadership; the Doctor of Philosophy in Education: Curriculum and Instruction with specializations in: (1) Curriculum Design and (2) Literacy, Language and Culture; the Doctor of Philosophy in Education: Educational Psychology with areas of concentration in Cognition and Instruction; Measurement, Evaluation, Statistics and Assessment; Social and Moral Development in Education; and Early Childhood Education; the Doctor of Philosophy in Education: Special Education; the Doctor of Philosophy in Policy Studies in Urban Education with specializations in (1) Educational Organization and Leadership and (2) Social Foundations of Education; the Master of Education in Instructional Leadership, with specializations in Early Childhood Education (Type 04 certificate); Literacy, Language and Culture (Type 10); or Educational Studies (the Educational Studies specialization allows students to pursue State of Illinois certification in either Elementary—Type 03 or Secondary—Type 09 Education and/or the English as a New Language (ENL) approval or develop, with advisor approval, a Self-Designed program in Education—no certification is awarded in the Self-Designed program); and the Master of Education in Special Education leading to the Learning Behavior Specialist I, Learning Behavior Specialist II or general studies in Special Education (degree only).

Curriculum and Instruction
Mailing Address: College of Education, 1040 West Harrison Street, MC 147, Chicago, IL 60607-7133
Campus Location: 3145 EPASW
Telephone: (312) 996-4532
Program Code: 20FS182PHD
E-mail: jeisen@uic.edu

Dean of the College of Education: Victoria Chou
Director of Graduate Studies: Ruth Pearl
The College of Education offers work leading to the Doctor of Philosophy in Education: Curriculum and Instruction, with specializations in: (1) Curriculum Design and (2) Literacy, Language and Culture, and an interdepartmental specialization in educational psychology.

Admission Requirements
Applicants are considered on an individual basis. Transcripts must be submitted from the last 60 semester (90 quarter) hours of undergraduate work and all graduate/post-baccalaureate work. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of study and for all post-baccalaureate course work.

Tests Required: GRE general.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required from faculty members or others familiar with the applicant’s previous academic training, academic and research ability, and experience.

Writing Samples: Required. Applicants must provide two writing samples that best represent their ability in written expression.

Personal Statement: Required; the statement must address the applicant’s professional goals.

Other Requirements: The College of Education Application form must also be submitted. This program requires two packets of admissions materials. One set of transcripts and the official University application should be sent to the Admissions Office. Submit the following materials in one package to the College of Education: a copy of the official UIC application, the College of Education application, a second set of your transcripts, GRE scores, three letters of recommendation and your personal statement.

Deadlines
The application deadline for these programs is earlier than the Graduate College deadline; contact the College of Education for information on current deadlines. Admission to the Curriculum Design specialization is restricted to the summer and fall terms. Admission to the Literacy, Language and Culture specialization is restricted to the fall term only.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 96 from the baccalaureate.

Coursework
Literacy, Language, and Culture: Ed 500, 502, and 503; CIE 562, 563, 556, 557.

All students must also take twenty semester hours from the following selectives: CIE 558, 559, 561, 568, 577, 579, 581, 582, 583, 584, 585, 586, 587, 588, 589 and 592.

All students must take an additional 24 selective semester hours from a combination of Literacy, Language, and Culture; the College of Education, and/or departments outside of the college (e.g., in English, Psychology, Anthropology, Computer Science, etc.). A minimum of twenty of these credit hours must be taken outside of the Literacy, Language, and Culture specialization.

All students must take 8 semester hours in PhD research (CIE 593) and 16 semester hours of dissertation semester hours (CIE 599).

Examinations
Preliminary Examination: Required; written and oral. The written examination is based on the student’s coursework. The oral portion of the examination is based on both the written examination and the student’s dissertation prospectus.

Dissertation
Required. Students must register for doctoral thesis research for at least 16 semester hours. The research must be theoretical in nature and use methods of inquiry appropriate to the problem being investigated.

Other Requirements
All students must participate in a research project in collaboration with a faculty member or a team of faculty members and students. Projects will focus on research problems in the student’s area. The student will make a formal presentation, oral or written, of the project findings. Eight semester hours of credit are awarded for the project, requiring at least two semesters to complete.

All students must complete a course sponsored by the Office for the Vice Chancellor for Research on the ethics of conducting research with human subjects.

Interdepartmental Concentration in Gender and Women’s Studies
Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies (more information is at the end of the College of Education section).

Educational Psychology
Mailing Address: College of Education, 1040 West Harrison Street, MC 147, Chicago, IL 60607-7133
Campus Location: 3145 EPASW
Telephone: (312) 996-4532
Program Code: 20FS0210PHD
E-mail: jeisen@uic.edu

Dean of the College of Education: Victoria Chou
The College of Education offers work leading to the Doctor of Philosophy in Education: Educational Psychology with areas of concentration in Cognition and Instruction; Measurement, Evaluation, Statistics and Assessment; Social and Moral Development in Education; and Early Childhood Education.

Admission Requirements
Applicants are considered on an individual basis. All applicants must submit transcripts for all undergraduate work and all graduate/post-baccalaureate work. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions.
Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of study and for all post-baccalaureate course work.
Tests Required: GRE general.
Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).
Letters of Recommendation: Three required from faculty members or others familiar with the applicant’s previous academic training, academic and research ability, and experience.
Personal Statement: Required; the statement must address the applicant’s professional and scholarly goals.
Other Requirements: The College of Education Application form must also be submitted. This program requires two packets of admissions materials. One set of transcripts and the official University application should be sent to the Admissions Office. You should submit the following materials in one package to the College of Education: a copy of the official UIC application, the College of Education application, a second set of your transcripts, GRE scores, three letters of recommendation and your personal statement.

Deadlines
The application deadline for this program is earlier than the Graduate College deadline; contact the College of Education for information on current deadlines. Admission is restricted to the summer and fall terms.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:
Minimum Semester Hours Required: 96 from the baccalaureate or 64 hours beyond the Master’s degree.
Coursework
Educational Psychology Core Courses: Epsy 500, 501 or 529, 502. An additional 8 semester hours of approved courses is required, selected in consultation with the faculty advisor. A minimum of 3 hours must be taken from the Department of Psychology. A total of 24 hours is taken in this area of concentration if the student has a Master’s degree, 56 hours if not.
Examinations
Preliminary Examination: The preliminary exam is taken upon completion of all required course work. It consists of two parts. The comprehensive written portion is based on the student’s work. The oral portion is based on the student’s written dissertation proposal and is presented to a faculty committee.
Dissertation
Required. Students must register for doctoral thesis research for at least 16 semester hours. The research must be theoretical in nature and use methods of inquiry appropriate to the problem being investigated.
Other Requirements
All students must participate in a research project in collaboration with a faculty member or a team of faculty members and students. Projects will focus on research problems in the student’s area. The student will make a formal presentation, oral or written, of the project findings. Eight semester hours of credit are awarded for the project, requiring at least two semesters to complete.

All students must complete a course sponsored by the Office for the Vice Chancellor for Research on the ethics of conducting research with human subjects.

Instructional Leadership
Mailing Address: College of Education, 1040 West Harrison Street, MC 147, Chicago, IL 60607-7133
Campus Location: 3145 EPASW
Telephone: (312) 996-4532
Program Code: 20FS1355MED
E-mail: mherkes@uic.edu
Dean of the College of Education: Victoria Chou
Director of Graduate Studies: Ruth Pearl
The College of Education offers course work which leads to the Master of Education in Instructional Leadership, with specializations in Early Childhood Education (Type 04 certificate); Literacy, Language and Culture (Type 10); or Educational Studies (the Educational Studies specialization allows students to pursue State of Illinois certification in either Elementary-Type 03 or Secondary-Type 09 Education and/or acquire the English as a New Language [ENL] certification, passing scores on the Illinois Basic Skills Test. The application deadline for this program is earlier than the Graduate College minimum requirements, applicants must meet the following program requirements:
Baccalaureate Field: No restrictions.
Grade Point Average: Recommended minimum of 2.75 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study and at least 3.00 for all post-baccalaureate/graduate coursework. The program requires submission of all the required transcripts regardless of the age of course or degree work. The Secondary certification area within Educational Studies requires a 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study, a 3.00 for any post-baccalaureate/graduate coursework and a 3.00 (A = 4.00) for the courses in your undergraduate major. The Secondary area also requires the submission of transcripts from every school you have attended.
Tests Required: For programs leading to Illinois certification, passing scores on the Illinois Basic Skills Test.
Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).
Letters of Recommendation:
Curriculum and Instruction—none.
Early Childhood Education and Educational Studies—three required addressing the applicant’s academic qualifications, research ability/experience and ability to carry on advanced degree studies. Letters may be from current or former professors or supervisors.
Literacy, Language and Culture—two required addressing the applicant’s academic qualifications, teaching experience, research ability and ability to carry on advanced degree studies. Letters may be from current or former professors or supervisors. Please do not have letters submitted from relatives or friends.
Other Requirements:
Curriculum and Instruction—applicants must present previous course work in education policy studies or the
learning process, in curriculum and instruction or evaluation, and in reading. At least one year of full-time teaching experience or comparable work in such fields as recreation or program development is also required.

Early Childhood Education—applicants submit a completed questionnaire regarding interest and experience with young children. Please note that the questionnaire requires two essays to be written. Make sure you submit the entire packet at one time to the College of Education.

Educational Studies—a typed 3–4 page double-spaced statement which describes the applicant’s interest in education and goals for the M.Ed. program. The Secondary Education area also requires 18 hours of courses in the subject area you would like to teach.

Literacy, Language and Culture—personal statement (500–1000 words) that addresses relevant personal background, professional experiences and professional goals, and strand of interest.

All Programs—Any additional materials required by your specific program which are sent directly to the College of Education should be submitted at one time in a large envelope. This includes, but is not limited to, letters of recommendation, essays, test scores, resumes and program questionnaires. All these materials must be submitted by the stated application deadlines. Make sure you give yourself enough time to gather all your materials (especially letters of recommendation) and submit them by the deadline.

Deadlines
The application deadline for this program is earlier than the Graduate College deadline; contact the College of Education for information on current deadlines.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: Varies by specialization. Early Childhood Education, 32 to 53 hours; Educational Studies-Elementary, 35 hours; Educational Studies-Secondary, 34 hours; Educational Studies-Self Designed, 32 hours; Literacy, Language and Culture, 39 hours.

Coursework
Required Courses:
- Curriculum and Instruction—Ed 402 or 403, 421, 422 or 445.
- Early Childhood Education (Strand 2-Degree Only)—Ed 402 or Ed 403 or Ed/EPsy 449, Ed 422 or EPsy 526, EPsy 482/SpEd 482, CIE 503, one of the following four courses (EPsy 519, EPsy 520, SpEd 508/EPsy 508), EPsy Independent Study and 2 additional elective courses with advisor approval.

Educational Studies-Elementary—CIE 411, CIE 412, Ed 402 or Ed 403, Ed 421 or Ed 422, CIE 413, CIE 464 or CIE 505, CIE 410, CIE 507, CIE 508, SpEd 410.


Educational Studies-Self Designed—Ed 402 or Ed 403, Ed 421 or Ed 422 or Ed 445, Ed 430, or Ed 431, 23 additional hours taken in consultation with your advisor.

Literacy, Language and Culture—Ed 402 or Ed 403, Ed 421 or Ed 422 or Ed 445, CIE 450, CIE 503 or CIE 504, CIE 536 and CIE 535. In addition to the above courses, you must complete one of the following 4 strands:
- Strand 1 (Classroom Literacy Instruction)—CIE 542, CIE 528, two of the following four courses (CIE 541, CIE 544, CIE 546 and CIE 547) and one elective course taken with advisor approval.
- Strand 2 (Reading Specialist Type 10)—CIE 525, CIE 526, CIE 527 and two elective courses taken with advisor approval.
- Strand 3 (Inquiry into Literacy Education)—CIE 543, Psch 459 or equivalent, Engl 503 or equivalent, PS 406 or equivalent, and one elective course taken with advisor approval.
- Strand 4 (Literacy Education in Alternative Contexts)—CIE 543, CIE 482 or equivalent, SpEd 463 or SpEd 571 or the equivalent, and two electives taken with advisor approval.

Comprehensive Examination
Required for students in the Literacy, Language and Culture specialization; written.

Thesis, Project, or Course-work-only options
Coursework-only. No other options available.

Interdepartmental Concentration in Gender and Women’s Studies
Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies (more information is at the end of the College of Education section).

Leadership and Administration
Mailing Address: College of Education, 1040 West Harrison Street, MC 147, Chicago, IL 60607-7133
Campus Location: 3145 EPASW
Telephone: (312) 996-4532
Program Code: 20FS1409MED
E-mail: mherkes@uic.edu
Dean of the College of Education: Victoria Chou
Director of Graduate Studies: Ruth Pearl

The College of Education offers work leading to the Master of Education in leadership and administration with the option of the Illinois Type 75 General Administrative Certificate, and beyond state certification requirements, the option for additional study to meet local school system certification requirements.

(Note: This program is not accepting any applicants.)

Admission Requirements
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions.
Grade Point Average: At least 3.00 (A=4.00) for the final 60 semester (90 quarter) hours of undergraduate study and at least 3.00 for all postbaccalaureate work.
Tests Required: GRE general.
Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).
Letters of Recommendation: Three required.
Personal Statement: Required. The statement must address the applicant’s academic and professional goals and describe relevant prior experiences.

Deadlines
The application deadline for this program is earlier than the Graduate College deadline. Contact the College of Education for information on current deadlines.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 33.

Coursework
Required Courses: Ed 402 or 403; Ed 421, 422, or 445; Ed 430; and PS 550, 552, 556, 559, 568, and 573. PS 559 and 573 are to be taken concurrently. PS 559 and 573 may be repeated to satisfy local school system certification requirements beyond Type 75 Certificate.

Comprehensive Examination
None.

Thesis, Project, or Course-Work-Only Options
Course work only. No other options available.
Interdepartmental Concentration in Gender and Women’s Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies (more information is at the end of the College of Education section).

Policy Studies in Urban Education

Mailing Address: College of Education, 1040 West Harrison Street, MC 147, Chicago, IL 60607-7133
Campus Location: 3145 EPASW
Telephone: (312) 996-4532
Program Code: 20FS1592PHD
E-mail: jeisen@uic.edu
Dean of the College of Education: Victoria Chou
Director of Graduate Studies: Ruth Pearl

The College of Education offers course work which leads to the Doctor of Philosophy in Policy Studies in Urban Education with specializations in (1) Educational Organization and Leadership and (2) Social Foundations of Education.

Admission Requirements

Applicants are considered on an individual basis. All applicants must submit transcripts for all undergraduate work and all graduate/post-baccalaureate work. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions.
Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of study and for all post-baccalaureate course work.
Tests Required: GRE general.
Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).
Letters of Recommendation: Three required from faculty members or others familiar with the applicant’s previous academic training, academic and research ability, and experience.
Personal Statement: Required; the statement must address the applicant’s goals for graduate study and career development.
Other Requirements: The College of Education Application form must be submitted. This program requires two packets of admission materials. One set of transcripts and the official University application should be sent to the Admissions Office. Submit the following materials in one package to the College of Education: a copy of the official UIC application, the College of Education application, a second set of your transcripts, GRE scores, 3 letters of recommendation and your personal statement.

Deadlines

The application deadline for these programs is earlier than the Graduate College deadline; contact the College of Education for information on current deadlines. Admission is restricted to the summer and fall terms.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 111–116 from the baccalaureate, 79–84 from the master’s.
Coursework
Required Courses
- Minimum beyond the master’s—20 hours in Concentration-specific courses including Seminar in Urban Education (PS 510); 20 hours in research methods; 14–16 hours in electives, including three field-related courses outside the College of Education.

Required concentration-specific courses for Educational Organization and Leadership
- PS 510, 571, 579, 587 (one topic), 589.

Required concentration-specific courses for Social Foundations of Education
- PS 510 and four required courses taken from the following: PS 566, 567, 570, 571, 572, 582, 583, 588.

Required research methods courses for Education Organization and Leadership
- Ed 500, 503, 544; PS 512; and one course from EPsy 546, 547, 563, 583, PS 587, Ed 502.

Required research methods course for Social Foundations
- Two research methods courses chosen with advisor plus Ed 500, 544 and PS 512.

Related field courses
- Three courses taken outside the College of Education in one related discipline or field of study (e.g., business and management, economics, political science, sociology, etc.) to add depth to knowledge and research methods to the appropriate concentration (9–12 hours).

Electives
- Each student will support the concentration with 14–16 elective hours related to research methods, policy, administration, leadership, organizations, or such social foundations coursework as history, philosophy, sociology, anthropology, and political science; or from a related field of study such as gender studies, African American Studies, Disability Studies, or Latino Studies, to be chosen in consultation and with the consent of a faculty advisor. Three of these courses must be taken in a field or discipline outside the College of Education.

Examinations

Comprehensive Written Qualifying Examination
- Required. Successful completion of the comprehensive exam qualifies students to enter the dissertation proposal stage of the program. Administered twice annually, to examine student on program curriculum, student area of specialization, and research methods prior to admission to dissertation proposal stage. No student with a cumulative GPA below 3.00 (A = 4.00) will be permitted to take the qualifying examination. Students who fail to pass all components after the second attempt will be recommended by the program faculty to the Graduate College for dismissal from the program.

- Students will be required to submit an Annual Review, in compliance with College policy on doctoral programs, to show evidence of academic and professional progress.

Preliminary Examination
- Required. The preliminary examination is taken at the completion of all coursework. The examination is primarily oral but may contain a written component. The primary purpose of the preliminary examination is review and approval of the dissertation proposal and admission of the student to degree candidacy.

Dissertation
- Required. Students must earn at least 16 semester hours in PS 599. The completed dissertation must be defended orally and publicly before the dissertation committee.

Other Requirements

All students must complete a course sponsored by the Office for the Vice Chancellor for Research on the ethics of conducting research with human subjects.

Interdepartmental Concentration in Gender and Women’s Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies (more information is at the end of the College of Education section).

Special Education

Mailing Address: College of Education, 1040 West Harrison Street, MC 147, Chicago, IL 60607-7133
Campus Location: 3145 EPASW
Telephone: (312) 996-4532
Program Codes: 20FS0093MED (MEd); 20FS1183PHD (PhD)
Admission Requirements

Applicants are considered on an individual basis. All applicants must submit transcripts for all undergraduate work and all graduate/post-baccalaureate work. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Master of Education

Baccalaureate Field: No restrictions.

Grade Point Average: At least 2.75 (A = 4.00) for the final 60 semester hours (90 quarter hours) of study, and at least 3.00 (A = 4.00) for all post-baccalaureate course work.

Tests Required: For Concentration 3 (certificate option), passing scores on the Illinois Basic Skills Test.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required; minimum of 300 words.

Impromptu Writing: The applicant will be required to write an essay in response to a case study provided by Program faculty.

Interview: Two faculty members will interview each applicant.

For information about the statement of intent, impromptu writing requirement, and interview, contact the Special Education Office at (312) 996-5650.

Other Requirements: Any additional materials required by your specific program which are sent directly to the College of Education should be submitted at one time in a large envelope. This includes, but is not limited to, letters of recommendation, essays, test scores, resumes and program questionnaires. All these materials must be submitted by the stated application deadlines. Make sure you give yourself enough time to gather all your materials (especially letters of recommendation) and submit them by the deadline.

Admission is restricted to fall and spring terms.

Deadlines

The application deadline for this program is earlier than the Graduate College deadline; contact the College of Education for information on current deadlines. Admission is restricted to the summer and fall terms.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Education

Minimum Semester Hours Required: 35 for Concentration 1 (M.Ed. only), 50 hours for Concentration 3 (M.Ed. plus LBS I certificate). At least 21 hours in special education are required, 9 hours are required at the 500 level. For Concentration 2 (M.Ed. plus LBS II) please contact the Special Education department in the College of Education.

Coursework

Concentration 1 (M.Ed. only): Ed 445, SpEd/SPsy 582 and SpEd 573 are required. In addition, courses must be taken from the following areas:

Select One (political and social context): DHD 401; DHD 430; DHD 514; Dis 535; Ed 402; Ed 403; EPsy 449; PS 406; PS a570; PS 571; PS 582; SpEd/Ed 461.


Select One (promoting academic learning): CIE 480; CIE 482; SpEd/Ed 473; SpEd/Ed 473; SpEd 471; SpEd 583.

Select One (promoting social and emotional learning): SpEd/Ed 472; SpEd 572.

Select One (assessing students’ needs): SpEd 462; SpEd 576.

One three-hour internship course from SpEd 577, SpEd 578 or SpEd 579.

Elective: 5 to 9 hours based on the above course selections and with advisor approval.

Concentration 2 (M.Ed. plus LBS II certificate): The course work for this concentration is under revision. Please contact the Special Education department within the College of Education for further information.


Comprehensive Examination

None.

Thesis, Project, or Coursework-only options

Coursework-only. No other options available.

Doctor of Philosophy

Minimum Semester Hours Required: 96 from the baccalaureate or 64 from the Master’s.

Coursework


Courses required in the area of concentration include SpEd 564 and three research seminars (i.e., SpEd 592). Students may take their remaining courses within the Special Education area, in other areas of the College of Education or in other departments of the university (e.g., Anthropology, Disability Studies, Psychology, Public Policy, Sociology and Women’s Studies). 24 hours are required if a student already possesses a Master’s degree, 56 are required without the Master’s degree.

Examinations

Preliminary Examination: Required; written and oral. The written examination is based on the student’s coursework. The oral portion of the examination is based on both the written examination and the student’s dissertation prospectus.

Dissertation

Required. Students must register for doctoral thesis research for at least 16 semester hours. The research must be
students must meet the following program requirements:

Other Requirements
All students must participate in a research project in collaboration with a faculty member or a team of faculty members and students. Projects will focus on research problems in the student's area. The student will make a formal presentation, oral or written, of the project findings. Eight semester hours of credit are awarded for the project, requiring at least two semesters to complete.

All students must complete a course sponsored by the Office for the Vice Chancellor for Research on the ethics of conducting research with human subjects.

Interdepartmental Concentration in Gender and Women's Studies
Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women's Studies (more information is at the end of the College of Education section).

Urban Education Leadership
Mailing Address: College of Education, 1040 West Harrison Street, MC 147, Chicago, IL 60607-7133
Campus Location: 3145 EPASW
Telephone: (312) 996-4532
Program Code: 20FS4015EDD
E-mail: jeisen@uic.edu
Dean of the College of Education: Victoria Chou
Director of Graduate Studies: Ruth Pearl
The College of Education offers courses which lead to the Doctor of Education in Urban Education Leadership with strands of study for the Illinois Type 75 Administrative Endorsement, the Illinois Superintendent Endorsement and general advanced studies in Urban Education Leadership.

Admission Requirements
Applicants are considered on an individual basis. All applicants must submit transcripts for all undergraduate work and all graduate/post-baccalaureate work. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions.
Master's degree: Required
Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of study and for all post-baccalaureate course work.
Tests Required: GRE or GMAT.
Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).
Letters of Recommendation: Three required attesting to potential for excellence in urban education leadership.
Personal Statement: Required. Statement must identify and explain applicant’s career objectives.
Other Requirements: Evidence of successful classroom teaching experience and leadership experience in educational settings. The College of Education Application form must also be submitted. This program requires two packets of admissions materials. One set of transcripts and the official University application should be sent to the Admissions Office. You should submit the following materials in one package to the College of Education: a copy of the official UIC application, the College of Education application, a second set of your transcripts, GRE or GMAT scores, 3 letters of recommendation and your personal statement.

Deadlines
The application deadline for these programs is earlier than the Graduate College deadline; contact the College of Education for information on current deadlines.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 80–92 from the Master’s degree, depending on strand of study.

Coursework
Required Courses for all strands of study: PS 571, PS 579 or PS 589, Ed 500, PS 586, CIE 545, Ed 544, PS 598.


General Study non-certification/endorsement strand: In addition to required courses for all strands, minimum of 10 courses (40 hours minimum) chosen in consultation with faculty advisor to enhance school or system leadership knowledge and skills.

Examinations
Comprehensive written qualifying examination: Required. Successful completion of the comprehensive exam qualifies students to enter the research proposal stage of the program. No student with a cumulative GPA below 3.00 (A = 4.00) will be permitted to take the qualifying examination. As appropriate to each strand of study, the exam will include a review of a portfolio of performance assessments in clinical fieldwork and academic coursework, and may require additional writing on educational leadership knowledge. Students have two opportunities to pass the comprehensive qualifying examination. Students who fail to pass all components after the second attempt will be recommended by the program faculty to the Graduate College for dismissal from the program.

Students will be required to submit an Annual Review, in compliance with College policy on doctoral programs to show evidence of academic and professional progress. While it is not, strictly considered, an examination, an annual student assessment will constitute the first step in a two-step student assessment process, of which the comprehensive written exam is the second part. In the first part, each student will submit an annual review to the doctoral advisor, consisting of the record of progress through the program, relevant professional experiences, and, importantly, candidate self-assessment of academic and professional progress. Failure to submit annual review upon repeat notification to students will constitute evidence of insufficient progress through program, leading to possible dismissal from program. Due process will be observed to protect student rights and program integrity. Preliminary Examination: Required. The preliminary examination is taken at the completion of all course work. The examination is primarily oral but may contain a written component. The primary purpose of the preliminary examination is review and approval of the thesis research proposal and admission of the student to the research stage of degree candidacy.

Thesis Research
Required. Students must earn at least 16 semester hours in PS 598. The completed research must be defended orally and publicly before a thesis committee.

Other Requirements
All students must complete a course sponsored by the Office for the Vice Chancellor for Research on the ethics of conducting research with human subjects.

Interdepartmental Concentration in Gender and Women's Studies
Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student's Gender
and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.
The UIC College of Engineering also offers a program leading to a Master of Engineering (MEng) degree. This professional program is not part of the Graduate College. Contact the College of Engineering for more information at (312) 996-9806.

Bioengineering

Mailing Address: Department of Bioengineering, 851 South Morgan Street, MC 063, Chicago, IL 60607-7052
Campus Location: 218 SEO
Program Codes: 20FS0408MS (MS); 20FS0408PHD (PhD)
Telephone: (312) 996-2331
E-mail: bioe@uic.edu
Homepage: www.uic.edu/depts/bioe
Head of the Department: Richard L. Magin
Director of Graduate Studies: Michael Cho

The Bioengineering Department offers graduate programs leading to Master of Science and Doctor of Philosophy degrees in bioengineering, and participates in the MD/PhD joint degree program (see MD/PhD section under the College of Medicine for more information). The departmental focus is molecular engineering at natural and synthetic interfaces. The concentration areas are in cell and tissue engineering, neural engineering, and bioinformatics and genomics. Bioengineering, immunology, drug discovery and delivery, molecular targeting and transport, biotransduction, imaging and inducible bioactivity, computational genomics, structural bioinformatics, and proteomics are collaborative disciplines found in the concentration areas. The Clinical Laboratory for Interfacial Molecular Bioengineering (CLIMB), established by the University within its Medical Center, coordinates and implements clinically based bioengineering activities. The departmental programs are directed toward applying advanced methods of interfacial molecular bioengineering to clinical problems of diagnosis and treatment. The curriculum provides students with an introduction to molecular modeling, targeting, transport, detection and nano fabrication complemented by collaborative molecular bioengineering research with biologists, chemists, and clinicians. In addition, curricula in the traditional bioengineering areas of signal and image processing, biocontrol, biomaterials, medical visualization, biomechanics, pattern recognition and rehabilitation engineering are available.

Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Master of Science

Baccalaureate Field: Physical sciences, engineering, computer science, mathematics, biology, or medicine. Students from other areas are also encouraged to apply if their backgrounds indicate a reasonable chance of success in the program.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.
Tests Required: GRE general, minimum 1800 total.
Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).
Letters of Recommendation: Three required.
Personal Statement: Required.

Doctor of Philosophy

Baccalaureate Field: Physical sciences, engineering, computer science, mathematics, biology, or medicine. Students from other areas are also encouraged to apply if their backgrounds indicate a reasonable chance of success in the program.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.
Tests Required: GRE general, minimum 1800 total.
Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).
Letters of Recommendation: Three required.
Personal Statement: Required.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science

Minimum Semester Hours Required: 36.
Coursework
At least twelve hours must be at the 500-level, excluding Bioe 595, 596, or 598.
Required Courses: 1 hour of Bioe 595. Additional required courses vary by area; contact the department for the specific requirements of each area.
Comprehensive Examination
None
Thesis, Project, or Coursework-only options
Thesis required. No other options available.
Thesis: Students must earn at least 8 hours in Bioe 598.

Other Requirements

Each student must present at least one seminar prior to graduation.

Doctor of Philosophy

Minimum Semester hours required: 108 from the baccalaureate.
Coursework
Students admitted with a prior Master’s degree in Bioe or a related field must complete a minimum of 24 hours of coursework, at least 12 hours of which must be Bioengineering courses. At least 12 hours must be at the 500-level, excluding Bioe 595, 596, 599. A maximum of 4 hours of Bioe 590 may be applied toward the degree, provided credit for Bioe 590 or a similar course was not applied toward the prior MS degree.
Students admitted with a Bachelor’s degree in Bioe or a related field must complete a minimum of 48 hours of coursework. At least 24 hours must be Bioengineering courses. At least 20 hours must be at the 500-level, excluding Bioe 595, 596, 599. A maximum of hours of Bioe 590 may be applied toward the degree.
Required Courses: Two hours of Bioe 595. Additional required courses vary by area of specialization; contact the department for the specific requirements of each area.
Examinations
Departmental Qualifying Examination: Required.
Preliminary Examination: Required.
Dissertation
Required. Students must earn at least 60 semester hours in Bioe 599.

Other Requirements

Each student is required to present at least two seminars prior to graduation.

Students must be registered during the semester of intended graduation.

Bioinformatics

Mailing Address: Department of Bioengineering, 851 South Morgan Street, MC 063, Chicago, IL 60607-7052
Campus Location: 218 SEO
Program Codes: 20FS1909MS (MS); 20FS1909PHD (PhD)
Telephone: (312) 996-2331
E-mail: bioe@uic.edu
Homepage: www.uic.edu/depts/bioe
Head of the Department: Richard L. Magin
**Admission Requirements**

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

**Master of Science**

Baccalaureate Field: Physical sciences, engineering, computer science, mathematics, or biology. Students from other areas are also encouraged to apply if their backgrounds indicate a reasonable chance of success in the program.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

Tests Required: GRE general.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required.

**Doctor of Philosophy**

Baccalaureate Field: Physical sciences, engineering, computer science, mathematics, or biology. Students from other areas are also encouraged to apply if their backgrounds indicate a reasonable chance of success in the program.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

Tests Required: GRE general.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required.

**Degree Requirements**

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Master of Science**

Minimum Semester Hours Required: 36.

Coursework

At least twelve hours must be at the 500 level, excluding Bioe 595, 596, or 598.

Required Courses: 1 hour of Bioe 595. Additional required courses vary by area; contact the department for the specific requirements.

Comprehensive Examination

None

Thesis, Project, or Coursework-only options

Thesis required. No other options available.

Thesis: Students must earn at least 8 hours in Bioe 598.

Other Requirements

Each student must present at least one seminar prior to graduation.

**Doctor of Philosophy**

Minimum Semester hours required: 108 from the baccalaureate.

Coursework

At least 12 hours must be at the 500-level, excluding Bioe 599.

Required Courses: Two hours of Bioe 595. Additional required courses vary by area; contact the department for the specific requirements of each area.

Examinations

Departmental Qualifying Examination: Required.

Preliminary Examination: Required.

Dissertation

Required. Students must earn at least 44 semester hours in Bioe 599.

Other Requirements

Each student is required to present at least two seminars prior to graduation. Students must be registered during the semester of intended graduation.

**Chemical Engineering**

Mailing Address: Department of Chemical Engineering, 810 South Clinton Street, MC 110, Chicago, IL 60607-7000

Campus Location: 204 CEB

Program Codes: 20FS0300MS (MS); 20FS0300PHD (PhD)

Telephone: (312) 996-3425

E-mail: kmilla@uic.edu

Head of the Department: Kenneth Brezinsky

Director of Graduate Studies: Lewis Wedgewood

The Department of Chemical Engineering offers a program leading to degrees in Chemical Engineering at both the master’s and doctoral levels. The primary areas on which this program is based are continuum and molecular fluid mechanics, heat and mass transfer, macroscopic and microscopic thermodynamics, chemical kinetics, and process analysis, microelectronic materials and processing, heterogeneous catalysis, process design and pollution prevention.

**Admission Requirements**

The department reviews each applicant on an individual basis. Complete transcripts of all undergraduate and any graduate work must be submitted. In addition to meeting the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: Engineering.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study for the master’s program, and at least 3.50 for the doctoral program. In exceptional cases, applicants with averages below 3.00 but above 2.75 may be admitted on limited standing if they show evidence of substantial ability to complete the program successfully.

Tests Required: GRE general.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Not required.

**Degree Requirements**

In addition to meeting the minimum requirements of the Graduate College, students must also meet the following program requirements:

**Master of Science**

Minimum Semester Hours Required: 36.

Coursework

At least 12 semester hours must be at the 500 level.

Required Courses (5, 20 hours):

- ChE 410; either 431 or 445; either 501 or 502; either 510 or 511 or 512; and 527.

Elective Courses: One (4 hours) for thesis option; three (12 hours) for project option.

Research Credit: 12 hours 598 for thesis option; 4 hours 597 for project option.

Comprehensive Examination

Required for project option only.

Thesis, Project, or Coursework-only options

Thesis or project required. No other options available.

**Doctor of Philosophy**

Entering with BS in Chemical Engineering

Minimum Semester Hours Required: 108 from the baccalaureate.

Coursework

At least 24 semester hours must be at the 500 level.

Required Core Courses (5, 20 hours): ChE 410; either 431 or 445; either 501 or 502; either 510 or 511 or 512; and 527.

Also Math (2, 8 hours), one at 500 level.

Elective Courses: (7, 28 hours): at least 3 courses (12 hrs) at the 500 level. Of these, at least 8 semester hours of advanced math, including at least one 500-level course from the Department of Mathematics, Statistics, and Computer
Science. Students must register in ChE 595 for one semester hour each term, to a maximum of 4 hrs.

Research Credit: 60 hours 599.

Entering with MS in Chemical Engineering

Minimum Semester Hours Required: 108 from the baccalaureate. 32 credit hours given for M.S.

Coursework

Courses (6, 24 hrs): Courses in the core requirement above, not completed in the prior degree, must be taken. No course from prior degree may be repeated. At least 24 semester hours must be taken (or given credit from prior degree) at the 500 level. At least 8 semester hours of advanced math, including at least one 500-level course from the Department of Mathematics, Statistics, and Computer Science must be taken. Students must register in ChE 595 for one semester hour each term, to a maximum of 4 hours.

Research Credit: 52 semester hours of 599.

Examinations

Qualifier Examination: Required; written
Preliminary (Research) Examination: Required; oral.

Dissertation

Required.

Other Requirements

Each student must present a seminar based on his or her research in ChE 595 at least once.

Civil Engineering

Mailing Address: Department of Civil and Materials Engineering, 842 West Taylor Street, MC 246, Chicago, IL 60607-7023

Campus Location: 2067 ERF
Program Codes: 20FS0106MS (MS); 20FS0106PHD
(PhD)

Telephone: (312) 996-3411
E-mail: rlmonroe@uic.edu
Head of the Department: Farhad Ansari
Director of Graduate Studies: Michael McNallan

The department of Civil and Materials Engineering (CME) offers programs leading to the Master of Science and Doctor of Philosophy degrees in Civil Engineering. Study and research leading to a degree in Civil Engineering is available in the areas of soil mechanics and foundations, environmental engineering, structural engineering, earthquake engineering, reinforced and prestressed concrete, steel structures, and transportation engineering.

The department also offers programs leading to degrees in Materials Engineering at both the master’s and doctoral levels, and the Doctor of Philosophy in Geotechnical Engineering and Geosciences.

Updated information about the faculty, staff, curriculum and courses is found on the CME home page at the following address: http://www.uic.edu/depts/cme/cme.html.

Admission Requirements

Applicants are considered on an individual basis. Complete transcripts for all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: Civil engineering or a related field.
Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.
Tests Required: GRE General.
Minimum TOEFL Score: 600 (paper-based); 250 (computer-based).
Letters of Recommendation: Required for PhD applicants.
Personal Statement: Not required.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science

Minimum Semester Hours Required: 36.

Coursework

At least 24 semester hours must be in courses chosen from a list of major courses which is available from the director of graduate studies. At least 12 hours must be at the 500 level, and at least 8 hours must be in 500-level courses in the department, excluding CEMM 598.

Comprehensive Examination

None.

Thesis, Project, or Coursework-only options

Thesis or coursework-only. No other options available.

Doctor of Philosophy

Minimum Semester Hours Required: 108 from the baccalaureate.

Coursework

Required courses: Minimum requirement of 56 hours of post-baccalaureate course work (excluding CEMM 599).
Specific course requirements: At least 28 hours must be at the 500-level, of which 16 hours must be in the department (excluding CEMM 596 and 599).
Credit for MS degree: Those having an MS degree from an accredited institution may be awarded 32 hours of credit towards the PhD degree requirement (with 12 hours towards the 28-hour 500-level requirement).

Examinations

Departmental Qualifying Review: Required.
Preliminary Examination: Required.

Dissertation

Required. Students must earn at least 52 hours in CEMM 599.

Other Requirements

Students must be registered during the semester of intended graduation.

Computer Science

Mailing Address: Department of Computer Science, 851 South Morgan Street, MC 152, Chicago, IL 60607-7053

Campus Location: Department Office 1120 SEO; Student Affairs Office 905 SEO

Program Codes: 20FS0112MS (MS); 20FS0112PHD
(PhD)

Telephone: (312) 996-2290 or (312) 413-4950
E-mail: grad@cs.uic.edu
Head of the Department: Peter Nelson
Director of Graduate Studies: Sol Shatz

The Department of Computer Science offers graduate programs leading to Computer Science degrees at the master's and doctoral levels. Consult the CS Graduate Student Manual for current requirements, policies, and regulations. Updated information about the faculty, staff, curriculum and courses is found on the CS home page at the following address: http://www.cs.uic.edu.

The department offers a comprehensive range of courses in the field of computer science. Special emphases lie in the areas of compilers and programming languages, software engineering, database systems, graphics and human-computer interaction, computer vision, artificial intelligence, theoretical computer science, computer architecture, computer networks, and operating systems.

The department maintains and provides full-time technical staff for several specialized research laboratories, primarily housed in the instructional computing laboratories in the Engineering Research Facility. The laboratories contain over 300 workstations and servers and an extensive array of computer-based multimedia equipment.

All departmental computing facilities are networked to general University computing resources and national networks which permits high-speed access to specialized computing facilities.

Admission Requirements

Applications are considered on an individual basis by the Graduate Admissions Committee. A complete set of
transcripts of all undergraduate and graduate work is required before an applicant is considered. In addition to the application requirements of the Office of Admissions and Records and the policies set by the Graduate College, applicants must meet the following program requirements:

**Master of Science**

**Baccalaureate Field:** Computer Science or Computer Engineering. Outstanding candidates from other related fields will also be considered.

**Grade Point Average:** At least 3.50 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

**Tests Required:** General GRE (Graduate Record Examination) scores are required for financial aid applicants and all students with degrees from outside the U.S. All international students are required to submit TOEFL (Test of English as a Foreign Language) scores as well. Subject GRE in Computer Science and TSE scores are not required.

**Minimum TOEFL Score:** 570 (paper-based); 230 (computer-based).

**Letters of Recommendation:** Not required for admission unless specifically requested by the Graduate Admissions Committee after reviewing academic and other credentials. Applicants for financial assistance must provide three letters of recommendation.

**Personal Statement:** Not required.

**Deadlines**
The application deadline is the same as the Graduate College deadline. University fellowship nominations are due in the first week of February and department financial aid decisions (TA/TFW) are made about the middle of March.

**Doctor of Philosophy**

**Prior Degrees:** Computer Science or Computer Engineering. Outstanding candidates from other related fields will also be considered. Outstanding candidates holding a bachelor’s degree in computer science can be considered for admission.

**Grade Point Average:** At least 3.50 (A = 4.00).

**Tests Required:** General GRE (Graduate Record Examination) scores are required for financial aid applicants and all students with degrees from outside the U.S. All international students are required to submit TOEFL (Test of English as a Foreign Language) scores as well. Subject GRE in Computer Science and TSE scores are not required.

**Minimum TOEFL Score:** 570 (paper-based); 230 (computer-based).

**Letters of Recommendation:** Three required.

**Personal Statement:** Not required.

**Deadlines**
The application deadline is the same as the Graduate College deadline. University fellowship nominations are due in the first week of February and department financial aid decisions (TA/TFW) are made about the middle of March.

**Degree Requirements**

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Master of Science**

**Minimum Semester Hours Required:** 36.

**Coursework**

At least 24 hours must be in courses offered by the Department of Computer Science, 12 of which must be CS course offerings at the 500 level (excluding CS 595-599). No more than one special topics course (CS 594) may be counted toward the 500-level requirement. No credit earned in CS 596 (Individual Study) may be applied toward the M.S. Degree.

**Comprehensive Examination**

None.

**Thesis, Project, or Coursework-only options**

Thesis or project required. No other options available.

**Thesis:** Thesis students must earn 8 hours in CS 598; no more than 8 hours of CS 598 may be applied toward the degree.

**Project:** Project students must earn 4 hours in CS 597; no more than 4 hours of CS 597 may be applied toward the degree.

**Doctor of Philosophy**

**Minimum Semester Hours Required:** 108 from the baccalaureate.

**Coursework**

Student admitted with prior master’s degree in CS or a related field: must complete a minimum of 28 hours of credit in CS or non-CS graduate course work. Credit for non-CS course work must have prior department approval. Of the 28 hours, at least 16 hours must be CS course work at the 500 level, excluding CS 595, 596, 597, 598, 599. Any course that is nearly equivalent to one taken in the bachelor’s or master’s program earlier will not earn Ph.D. credit. Credit earned in CS 596 may not be applied toward the Ph.D. degree.

Student admitted directly after bachelor’s degree in CS or a related field: Must complete a minimum of 48 hours of credit in CS or non-CS graduate course work. Credit for non-CS course work must have prior department approval. Of the 48 hours, at least 28 hours must be CS course work at the 500 level, excluding CS 595, 596, 597, 598, 599. Credit earned in CS 596 may not be applied toward the Ph.D. degree.

**Examinations**

Departmental Qualifying/Competency Examination: Required; written.

Preliminary Examination: Required; oral.

**Dissertation**

Required. Candidates must earn CS 599 credit of at least 48 hours credit beyond a master’s degree and at least 60 hours beyond a bachelor’s degree.

**Fellowships**

The department offers doctoral fellowships each year to highly qualified new PhD students. The applicants must be U.S. citizens or permanent residents. These fellowships will be for three-year duration and will provide a stipend of $15,000 per calendar year, plus tuition and fee waivers. Exceptionally qualified MS students planning to continue for the PhD will also be considered.

**Electrical and Computer Engineering**

**Mailing Address:** Department of Electrical and Computer Engineering, 851 South Morgan Street, MC 154, Chicago, IL 60607-7053

**Campus Location:** Department Office 1020 SEO; Student Affairs Office 900 SEO

**Program Codes:** 20FS1200MS(MS); 20FS1200PHD (PhD)

**Telephone:** (312) 413-2291 or (312) 996-4325

**E-mail:** grad-info@ece.uic.edu

**Head of the Department:** Mitra Dutta

**Director of Graduate Studies:** Rashid Ansari

The Department of Electrical and Computer Engineering offers graduate programs leading to the Electrical and Computer Engineering degree at the master’s and doctoral levels. Consult the ECE Graduate web pages for current requirements, policies, and regulations. Updated information about the faculty, staff, curriculum and courses is found on the ECE home page at the following address: http://www.ece.uic.edu.

The department offers a comprehensive range of courses in the field of electrical engineering and computer engineering. Major research areas include Micro-Electromechanical Systems (MEMS) and Nanotechnology, Microelectronics, RF electronics, Electromagnetics and Optics, Power Electronics, VLSI technology and CAD, Robotics and Control, Parallel Computing, Fault-Tolerant Computing and Systems, Networking, Communications, Signal and Image Processing, Adaptive and Learning Systems, Machine Vision, Multimedia Processing and Retrieval, Medical Imaging, and Biomedical Applications.
Research facilities in the ECE include a Microfabrication Applications Laboratory (MAL) with a 3,000 square-feet class 100/1000 clean room that enables a broad spectrum of innovative multidisciplinary research; Microsystems Research Center; the endowed Andrews Electromagnetics Laboratory; an industry-sponsored Power Electronics Reliability Group that supports research in increasing the reliability and lowering the costs of power electronic systems; Communication and Sensing Laboratory; Machine Vision and Neural Networks Laboratory; Computational Intelligence Laboratory; Computer Vision and Robotics Laboratory; Signal and Image Research Laboratory; Multimedia Systems Laboratory; and Biomedical Functional Imaging and Computation Laboratory.

Admission Requirements

Applications for admission are individually evaluated by the Graduate Admissions Committee. A complete set of transcripts of all undergraduate and graduate work is required before an application is evaluated for admission. In addition to the application requirements of the Office of Admissions and Records and the policies set by the Graduate College, applicants should meet program requirements for admission. Meeting minimum requirements does not, however, guarantee admission. Program requirements are given below:

Master of Science

Baccalaureate Field: Electrical or computer engineering, or other closely related curriculum.

Grade Point Average: At least 3.25 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study is expected.

Tests Required: All international applicants should report general test scores of GRE. Applicants with a bachelor’s degree from an accredited U.S. institution are not required to provide GRE scores; however, GRE scores may improve prospects for financial aid. Graduates of non-English-speaking countries who seek appointment as Teaching Assistants must submit a TSE score (minimum acceptable score is 50).

Minimum TOEFL Score: 590 (paper-based); 243 (computer-based).

Letters of Recommendation: Not required for admission unless specifically requested by the Graduate Admissions Committee after reviewing academic and other credentials. Applicants for financial assistance must provide three letters of recommendation.

Personal Statement: Not required.

Deadlines

The application deadline is the same as the Graduate College deadline. It is recommended that all application material should be submitted by January 1 for admission in Fall semester of that year in order to get full consideration for financial aid. University fellowship nominations are due in the first week of February and department financial aid decisions (TA/TFW) are made about the middle of March.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science

Minimum Semester Hours Required: 36 for thesis option. 40 for courses-only option.

Coursework

Thesis option: 28 hours of graduate course work required. At least 24 hours must be in ECE graduate courses, 12 of which must be 500-level ECE courses excluding ECE 595, 596, 597, 598, 599. Up to 4 hours of non-ECE graduate course work, completed with prior department approval, may be applied toward the M.S. degree. A Computer Engineering (CE) student may fulfill part of the 500-level ECE course requirement by completing up to 4 hours of graduate course work at 500 level in the CS department excluding CS 595, 596, 597, 598, 599.

Courses-only option: 40 hours of graduate course work required. At least 32 hours must be in ECE graduate courses, 16 of which must be 500-level ECE courses excluding ECE 595, 596, 597, 598, 599. Up to 8 hours of non-ECE graduate course work, completed with prior department approval, may be applied toward the M.S. degree. A Computer Engineering (CE) student may substitute up to 4 hours of 500-level ECE course work with 400-level ECE course work if the student completes the same number of hours of non-ECE course work at 500 level in the CS department excluding 595, 596, 597, 598, 599.

Additional coursework requirement:

No more than one special topics course (ECE 594) may be counted toward the 500-level requirement. Credit earned in ECE 596 may not be applied toward the M.S. Degree.

Comprehensive Examination

None.

Thesis, Project, or Coursework-only options

Students may elect either a thesis or courses-only option. No other options available.

Thesis: Thesis students must earn 8 hours in ECE 598; no more than 8 hours of ECE 598 may be applied toward the degree.

Doctor of Philosophy

Minimum Semester Hours Required: 108 beyond the baccalaureate.

Coursework

Student admitted with prior master’s degree in EE, CE, or a related field: Must complete a minimum of 28 hours of credit in graduate course work, 16 hours of which must be ECE course work at the 500 level excluding ECE 595, 596, 597, 598, 599. A Computer Engineering (CE) student may replace up to 4 hours of 500-level ECE course work with 400-level ECE course work if the student completes the same number of hours of non-ECE course work at 500 level in the CS department excluding CS 595, 596, 597, 598, 599. Any course that is nearly equivalent to one taken in master’s program earlier will not earn Ph.D. credit. Credit earned in ECE 596 may not be applied toward the Ph.D. Degree.

Student admitted directly after bachelor’s degree in EE, CE, or related field: Must complete a minimum of 52 hours of graduate course work, 36 hours of which must be ECE course work with at least 24 hours at the 500 level excluding
ECE 595, 596, 597, 598, 599. A CE student may substitute up to 8 hours of 500-level ECE course work with 400-level ECE course work if the student completes the same number of hours of non-ECE course work at 500 level in the CS department excluding CS 595, 596, 597, 598, 599. A student may apply to receive an M.S. degree upon passing the preliminary examination provided coursework required for M.S. degree under courses-only option is completed. If any one of the Ph.D. degree requirements of passing the qualifying examination or passing the preliminary exam is not successfully completed, student may apply for transfer to the M.S. program for an opportunity to complete the M.S. degree requirements under the thesis option. Credit earned in ECE 596 may not be applied toward the Ph.D. Degree.

Examinations

Departmental Qualifying Examination: Required; written.

Preliminary Examination: Required; oral.

Dissertation

Required. Candidates must earn ECE 599 credit of at least 44 hours credit beyond master’s degree and at least 52 hours beyond bachelor’s degree.

Financial Aid

There are several different forms of financial aid available to incoming graduate students: University Fellowship, Teaching Assistants, Research Assistants, and Tuition and Fee Waivers. Applicants may seek financial aid by completing the downloadable Application for Graduate Appointment mailing it to the ECE Department at UIC. They will automatically be considered for all four forms of financial aid listed above. Additional information and the procedure to apply for financial aid can be found on the ECE home page by clicking on the Financial Aid link at http://www.ece.uic.edu.

Geotechnical Engineering and Geosciences

Mailing Address: Department of Earth and Environmental Sciences, 845 West Taylor Street, MC 186, Chicago, IL 60607-7059

Campus Location: 2440 SES
Program Code: 20FS1290PHD
Telephone: (312) 996-3154
E-mail: slf@uic.edu

Program Coordinator: Steven L. Forman

The Department of Civil and Materials Engineering, in cooperation with the Department of Geological Sciences, offers a coordinated program leading to the Doctor of Philosophy in Geotechnical Engineering and Geosciences.

The Department of Civil and Materials Engineering also offers a program leading to degrees in Civil Engineering and Materials Engineering. The Department of Earth and Environmental Sciences also offers a program leading to the Master of Science in Earth and Environmental Sciences. Consult the appropriate chapter in this catalog for more information.

Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: Geology, engineering, or a related field.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

Tests Required: GRE general.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required, preferably from professors familiar with the applicant’s academic work.

Personal Statement: Required.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 112 from the baccalaureate.

Coursework

Students must take at least 36 semester hours of didactic courses beyond the MS, including at least four 500-level courses in earth and environmental sciences and 10 semester hours in engineering. Five of the engineering hours must be in CEMM courses; the other five may be in other engineering departments.

Examinations

Departmental Qualifying Examination: Required.

Preliminary Examination: Required.

Dissertation

Required. Students must earn at least 44 hours in EaES 599.

Industrial Engineering

Mailing Address: Department of Mechanical and Industrial Engineering, 842 West Taylor Street, MC 251, Chicago, IL 60607-7022

Campus Location: 2041 ERF
Program Codes: 20FS0127MS (MS); 20FS1338PHD (PhD)
Telephone: (312) 996-6122
E-mail: mcgrad@uic.edu
Head of the Department: William Worek
Director of Graduate Studies: Suresh Aggarwal

The Department of Mechanical and Industrial Engineering offers work leading to the Master of Science in Industrial Engineering and the Doctor of Philosophy in Industrial Engineering and Operations Research. Coursework and research is available in such topics as computer-aided design and manufacturing, computer-aided process planning, optimization, quality control, industrial automation, safety engineering, and statistical modeling of manufacturing design. The department also offers a program leading to degrees in Mechanical Engineering at both the master’s and doctoral levels; consult the appropriate chapter in this catalog for more information on this program.

Admission Requirements

In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: Industrial engineering or a related curriculum. The degree must be from an American Board of Engineering Technology (ABET) accredited college or university or the equivalent.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study. A grade point average of at least 3.50 is preferred for applicants to the PhD program.

Tests Required: International applicants are required to take the GRE. Applicants seeking a teaching or research assistantship are strongly encouraged to take the GRE general.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required.

Other Requirements: Admission to the PhD program is not automatic for students completing their MS degree in the department. Master’s students who desire to continue on to the PhD must see the department’s Graduate Coordinator for forms to apply to the PhD program.

Nondegree Applicants

Nondegree applicants may be admitted for no more than 8 semester hours.

Deadlines

The application deadline for this program is earlier than the Graduate College deadline; contact the program for information on current deadlines.
Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science
Minimum Semester Hours Required: 36.
Coursework
Coursework option: At least 36 hours must be in didactic courses. Twenty semester hours must be in courses in the department, of which at least 12 hours must be at the 500 level, excluding IE 596. IE 596 may be used to fulfill a 400-level course requirement. No more than 4 hours of IE 596 can be applied to the degree. A 400- or 500-level course may be taken in place of IE 596.
Thesis option: At least 24 hours must be in didactic courses. Twenty semester hours must be in courses in the department, of which at least 12 hours must be at the 500 level, excluding IE 596 and IE 598. Twelve hours must be in IE 598.
Comprehensive Examination
None.
Thesis, Project, or Coursework-only options
Thesis or coursework-only. No other options available.
Thesis: No more than 12 hours of IE 598 can be applied to the degree.

Doctor of Philosophy
Minimum Semester Hours Required: 108 from the baccalaureate.
Coursework and Required Courses
Minimum requirement of 56 semester hours of course work post BS degree (not including IE 599).
Specific course requirements:
At least 28 semester hours must be at the 500-level, of which 16 hours must be in the department (excluding IE 596 and 599). 8 hours must be in graduate courses offered by the Department of Mathematics. IE 471/472 may be counted as part of the math requirement.
Credit for MS degree:
Those having an MS degree from an accredited institution may be awarded 32 semester hours of credit towards the PhD degree requirement. 24 hours may be applied toward the coursework requirement (with 12 hours towards the 28-hour 500-level requirement). The remaining 8 hours may be applied towards the PhD dissertation hours (IE 599).
Examinations
Departmental Qualifying Examination: Required.
Preliminary Examination: Required.
Dissertation
Required. Students must earn at least 52 semester hours in IE 599.
Other Requirements
Students must be registered during the semester of intended graduation.

Materials Engineering
Mailing Address: Department of Civil and Materials Engineering, 842 West Taylor Street, MC 246, Chicago, IL 60607-7023
Campus Location: 2095 ERF
Program Codes: 20FS1434MS (MS); 20FS1434PHD (PhD)
Telephone: (312) 996-3428
E-mail: rlmorrow@uic.edu
Head of the Department: Farhad Ansari
Director of Graduate Studies: Michael McNallan
The department of Civil and Materials Engineering (CME) offers programs leading to the Master of Science and Doctor of Philosophy degrees in Materials Engineering. Study and research is available in the areas of ceramics, polymers, electronic materials, composites, welding and joining, solidification, corrosion, tribology, and processing.

The department also offers programs leading to degrees in Civil Engineering at both the master’s and doctoral levels, and participates with the Department of Geological Sciences in offering a coordinated program leading to the Doctor of Philosophy in geotechnical engineering and geosciences; consult the appropriate chapters in this catalog for more information.

Updated information about the faculty, staff, curriculum and courses is found on the CME home page at the following address: http://www.uic.edu/depts/cme/cme.html.

Admission Requirements
Applicants are considered on an individual basis. Complete transcripts for all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:
Baccalaureate Field: Engineering or a related field.
Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.
Tests Required: GRE general.
Minimum TOEFL Score: 600 (paper-based); 250 (computer-based).
Letters of Recommendation: Required for PhD applicants.
Personal Statement: Not Required.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science
Minimum Semester Hours Required: 36.
Coursework
Required Courses: Minimum requirement of 56 hours of course work post-baccalaureate (not including CEMM 599).
Specific course requirements: At least 28 hours must be at the 500-level, of which 16 hours must be in the department (excluding CEMM 596 and 599).
Credit for MS degree
Those having an MS degree from an accredited institution may be awarded 32 hours of credit towards the PhD degree requirement (not including CEMM 599).
Examinations
Departmental Qualifying Review: Required.
Preliminary Examination: Required.
Dissertation
Required. Students must earn at least 52 semester hours in CEMM 599.
Other Requirements
Students must be registered during the semester of intended graduation.

Mechanical Engineering
Mailing Address: Department of Mechanical and Industrial Engineering, 842 West Taylor Street, MC 251, Chicago, IL 60607-7022
The Department of Mechanical and Industrial Engineering offers work leading to degrees in Mechanical Engineering at both the master’s and doctoral levels. In addition, the department offers a program leading to the Master of Science in Industrial Engineering and the Doctor of Philosophy in Industrial Engineering and Operations Research; consult the appropriate chapter in this catalog for more information.

Coursework and research is available in such topics as fluid mechanics, stress analysis, mechanisms, dynamics and vibration, mechanical design, computer-aided design and manufacturing, heat transfer, mass transfer, combustion, multiphase flow and heat transfer, automatic control, industrial automation, and energy conversion. Interdisciplinary and interdepartmental work is encouraged, especially in the biological, environmental, electrical engineering, and computer science areas.

**Admission Requirements**

In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

**Baccalaureate Field:** Mechanical engineering. The degree must be from an American Board of Engineering Technology (ABET) accredited college or university or equivalent.

**Grade Point Average:** At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study. A grade point average of at least 3.50 is preferred for applicants to the PhD program.

**Tests Required:** International applicants are required to take the GRE. Applicants seeking a teaching or research assistantship are strongly encouraged to take the GRE general.

**Minimum TOEFL Score:** 550 (paper-based); 213 (computer-based).

**Letters of Recommendation:** Three required.

**Personal Statement:** Required.

**Other Requirements:** Admission to the PhD program is not automatic for students completing their MS degree in the department. Master’s students who desire to continue on to the PhD must see the department’s Graduate Coordinator for forms to apply to the PhD program.

**Nondegree Applicants**

Nondegree applicants may be admitted for no more than 8 semester hours.

**Deadlines**

The application deadline for this program is earlier than the Graduate College deadline; contact the program for information on current deadlines.

**Degree Requirements**

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Master of Science**

**Minimum Semester Hours Required:** 36.

Students may elect one of two options: coursework-only, or thesis.

**Coursework**

**Coursework option:** At least 36 hours must be in didactic courses. Twenty semester hours must be in courses in the department, of which at least 12 hours must be at the 500 level, excluding ME 596. ME 596 may be used to fulfill a 400-level course requirement. No more than 4 hours of ME 596 can be applied to the degree. A 400- or 500-level course may be taken in place of ME 596.

**Thesis option:** At least 24 hours must be in didactic courses. Twenty semester hours must be in courses in the department, of which at least 12 hours must be at the 500 level, excluding ME 596 and ME 598. Twelve hours must be in ME 598.

**Comprehensive Examination**

None.

**Thesis, Project, or Coursework-only options**

Thesis or coursework-only. No other options available.

**Thesis:** No more than 12 hours of ME 598 can be applied to the degree.

**Doctor of Philosophy**

**Minimum Semester Hours Required:** 108 from the baccalaureate.

**Coursework and Required Courses**

Minimum requirement of 56 semester hours of course work post BS degree (not including ME 599).

**Specific Course Requirements:**

At least 28 hours must be in 500-level courses, of which at least 16 hours must be in the department (excluding ME 596 and 599). 8 semester hours must be in graduate courses offered by the Department of Mathematics. ME 494 and 594 may count as part of the math requirement.

**Credit for MS Degree:**

Those having an MS degree from an accredited institution may be awarded 32 hours of credit towards the PhD degree requirement. 24 hours may be applied toward the coursework requirement (with 12 hours towards the 28 hour 500-level requirement). The remaining 8 hours may be applied towards the PhD dissertation hours (ME 599).

**Examinations**

**Preliminary Examination:** Required; written.

**Dissertation**

Required. Students must earn at least 52 hours in ME 599.

**Other Requirements**

Students must be registered during the semester of intended graduation.
College of Liberal Arts and Sciences

Anthropology

Mailing Address: Department of Anthropology, 1007 West Harrison Street, MC 027, Chicago, IL 60607-7139

Campus Location: 2102 BSB

Program Codes: 20FS0340MA (MA); 20FS0340PHD (PhD)

Telephone: (312) 413-3570

E-mail: kallison@uic.edu

Head of the Department: John Monaghan

Director of Graduate Studies: James Phillips

The Department of Anthropology offers a program leading to degrees in Anthropology at both the master’s and doctoral levels. An interdepartmental concentration in Gender and Women’s Studies is available to students in this program, as well as an interdepartmental concentration in Latin American and Latino Studies. The department has research laboratories supporting studies in archeology, sociocultural anthropology, linguistic anthropology, and physical anthropology. The department and the Field Museum of Natural History have a joint program whereby students can, under the direction of a curator, use the collections and facilities of the museum for research projects. Students interested in pursuing a course of study in the conservation of anthropological materials should contact faculty at the Field Museum.

Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Master of Arts

Baccalaureate Field: No restrictions.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

Tests Required: GRE general.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required preferably from former professors.

Personal Statement: Required; the statement should outline the applicant’s professional goals.

Doctor of Philosophy

Prior degrees: Students may enter either with an Anthropology M.A. or equivalent, from an accredited college or university, in the U.S. or abroad.

Grade Point Average: At least 3.00 (A = 4.00) for the final semester hours (90 quarter hours) of undergraduate study.

Tests required: GRE scores are required.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three letters of recommendation addressing the applicant’s academic accomplishments and potential.

Personal statement: Required; a one page statement of academic and professional intent.

Deadlines

The application deadline for applicants requiring funding is January 15.

Degree Requirements

Master of Arts

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 36.

Coursework

Required Courses: Anth 500, 501, 502, 503, and 595. Candidates must complete Anth 500, 501, 502, and 503 with grades of B or better and Anth 595 with an S. Courses must be completed within the first two semesters of the program.

Electives: All students must take an additional 12 hours in anthropology, and at least four 500-level courses (not necessarily in anthropology).

Comprehensive Examination

Required; the final examinations in Anth 500, 501, 502, and 503 constitute the four sections of the comprehensive examination.

Thesis, Project, or Coursework-only options

Project or coursework-only. No other options available.

Interdepartmental Concentration in Gender and Women’s Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

Interdepartmental Concentration in Latin American and Latino Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Latin American/Latino Studies. Students must take at least 16 hours of course work approved by the student’s advisor for the concentration, of which 4 hours must be the core seminar LALS 501. The remaining 12 hours may come from courses offered by the Latin American/Latino Studies Program or cross-listed courses, or departmental offerings with Latin American or Latino content, or independent study courses chosen in consultation with the advisor. Up to 8 hours may be taken in the home discipline, although students are encouraged to take advantage of the multi-disciplinary nature of the concentration.

Doctor of Philosophy

Minimum Semester Hours Required: 96 from the baccalaureate.

Coursework

Required Courses: Anth 500, 501, 502, 503, and 595. Candidates must complete Anth 500, 501, 502, and 503 with grades of B or better and Anth 595 with an S. Courses must be completed within the first two semesters of the program.

Examinations

Preliminary Examination: Required, written.

Dissertation

Required.

Other Requirements

Students must demonstrate a reading knowledge of a research language.

Interdepartmental Concentration in Gender and Women’s Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level.
Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

**Interdepartmental Concentration in Latin American and Latino Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Latin American/Latino Studies. Students must take at least 16 hours of course work approved by the student’s advisor for the concentration, of which 4 hours must be the core seminar LALS 501. The remaining 12 hours may come from courses offered by the Latin American/Latino Studies Program or cross-listed courses, or departmental offerings with Latin American or Latino content, or independent study courses chosen in consultation with the advisor. Up to 8 hours may be taken in the home discipline, although students are encouraged to take advantage of the multi-disciplinary nature of the concentration. Doctoral students may not apply dissertation credit (599) toward concentration electives. Doctoral students are encouraged, but not required, to elect a dissertation topic related to Latin America or Latinos in the United States.

**Biological Sciences**

Mailing Address: Department of Biological Sciences, 845 West Taylor Street, MC 066, Chicago, IL 60607-7060

Campus Location: 3250 SES

Program Codes: 20FS1902DA (DA); 20FS1072MS (MS);
20FS1072PHD (PhD)

Telephone: (312) 996-2931

E-mail: gradbios@uic.edu

Head of the Department: Howard Buhse

Director of Graduate Studies: Aixa Alfonso

The Department of Biological Sciences offers work leading to the Doctor of Philosophy, the Doctor of Arts, and the Master of Science degrees in Biological Sciences. Areas of research include cell biology, development, ecology, evolution, genetics, molecular biology, neurobiology and plant biology. An interdepartmental specialization in neuroscience is available to qualified PhD students.

**Admission Requirements**

Applicants are considered on an individual basis. Transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

**Baccalaureate Field:** No restrictions. Prior academic work must include at least 26 semester hours in biological sciences beyond the introductory level, two semesters of organic chemistry, two semesters of physics, and mathematics through introductory calculus. Otherwise qualified applicants may be required by the department to remove specific coursework deficiencies by enrolling in undergraduate classes during their first year.

**Grade Point Average:** At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

**Tests Required:** GRE general. Minimum TOEFL Score: 620 (paper-based); 260 (computer-based).

**Letters of Recommendation:** Three required, preferably from instructors who are familiar with the applicant’s recent work.

**Personal Statement:** A one to three page statement of the applicant’s professional goals and reasons for wishing to attend graduate school is required.

**Deadlines**

The application deadline for this program is earlier than the Graduate College deadline; contact the program for information on current deadlines.

**Degree Requirements**

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Master of Science**

Two tracks are available, research or coursework. (Note: until further notice, no new students will be admitted to the coursework track.)

**Research Track**

**Minimum Semester Hours Required:** 32.

**Coursework**

At least 22 credit hours of 400- and 500-level courses are required. A minimum of 9 credit hours of 500-level courses must be letter-graded courses, not project (BioS 597), thesis (BioS 598), independent study (BioS 596), or seminar courses which are S/U graded.

**Comprehensive Examination**

Required. The examination typically includes an oral presentation and defense of the research thesis.

**Thesis, Project, or Coursework-only options**

Thesis required. No other options available.

**Thesis:** Students must earn at least 5 credit hours of BioS 598.

**Coursework Track**

**Minimum Semester Hours Required:** 32.

**Coursework**

At least 24 credit hours of 400- and 500-level courses are required. A minimum of 9 credit hours of 500-level courses must be letter-graded courses, not project (BioS 597), thesis (BioS 598), independent study (BioS 596), or seminar courses which are S/U graded.

**Comprehensive Examination**

Required. The examination typically includes an oral presentation of the project.

**Thesis, Project, or Coursework-only options**

Project required. No other options available.

**Project:** Students must take at least 5 semester hours of BioS 597.

**Doctor of Arts**

**Minimum Semester Hours Required:** 96 from the baccalaureate. At least 32 hours must be at the 500 level, including at least 8 hours in BioS 597 and at least 8 hours in 500-level courses in other natural sciences, mathematics, engineering, or physiology. Students must enroll in at least 24 hours in the Doctor of Arts program.

**Examinations**

**Preliminary Examination:** Required.

**Comprehensive Examination**

Which are S/U graded.

**Thesis**

Thesis required. No other options available.

**Thesis:** Students must take at least 32 hours in BioS 599.

**Doctor of Philosophy**

**Minimum Semester Hours Required:** 96 from the baccalaureate. At least 22 credit hours of 400- and 500-level courses are required. A minimum of 8 credit hours of 500-level courses must be letter-graded courses, not project (BioS 597), thesis (BioS 598), independent study (BioS 596), or seminar courses which are S/U graded.

**Comprehensive Examination**

Required. The examination typically includes an oral presentation and defense of the research thesis.**Thesis, Project, or Coursework-only options**

Project required. No other options available.

**Project:** Students must take at least 32 hours in BioS 599.

**Interdepartmental Specialization in Neuroscience**

In addition to meeting the above requirements, students pursuing a specialization in neuroscience must take Neus 580, 582, and 583, and at least 8 additional hours of approved neuroscience courses other than research and independent study. Of these 8 hours, at least 5 must be outside of the...
requirement. They must submit their dissertation to the Curriculum Subcommittee of the Committee on Neuroscience for approval no later than the time of the preliminary exam.

Chemistry
Mailing Address: Department of Chemistry, 845 West Taylor Street, MC 111, Chicago, IL 60607-7061
Campus Location: 4500 SES
Program Codes: 20FS0335MS (MS); 20FS0335PHD (PhD)
Telephone: (312) 996-3161
E-mail: chemgrad@uic.edu
Head of the Department: Donald Wink
Director of Graduate Studies: Richard J. Kassner
The Department of Chemistry offers work leading to degrees in chemistry at both the master’s and doctoral levels. Study and research is available in analytical, inorganic, organic, physical, and theoretical chemistry, and in biochemistry.

Admission Requirements
Applicants are considered on an individual basis. They are urged to contact the Director of Graduate Studies prior to submitting a formal application. Complete transcripts of all undergraduate and any graduate course work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: Chemistry or biochemistry. Other fields are considered on an individual basis.
Grade Point Average: At least 3.00 (A = 4.00) in mathematics and science courses other than independent study or research courses. At least 2.75 for the final 60 semester hours (90 quarter hours) of undergraduate study.
Tests Required: GRE subject test in chemistry and GRE general test. After admission, all entering students take placement examinations. The placement examinations, which are at a level of typical terminal college courses, are offered in analytical, inorganic, organic, and physical chemistry, and in biochemistry. Students in the PhD program must show proficiency in three areas of their choice. Students in the MS program must show proficiency in inorganic, organic, and physical chemistry. A deficiency in an area must be remedied by taking an advanced undergraduate or a graduate-level course in the area.
Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).
Letters of Recommendation: Three required.
Personal Statement: Required as part of the Application for Graduate Appointment accessible at http://www.uic.edu/depts/grad/geoforms/.
Nondegree Applicants: Nondegree applicants must submit a transcript from their baccalaureate institution.

Degree Requirements
The MS degree is not a prerequisite to the PhD degree in Chemistry. In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science
Minimum Semester Hours Required: 32.
Students may elect one of three options: coursework only, examination, or thesis.
Coursework
For students in all options, at least 24 of the 32 hours must be within the Department of Chemistry. All courses from outside the Department of Chemistry must be approved by the Graduate Advising Committee. At least four lecture courses must be taken at the 500 level. No more than 8 semester hours of seminar or research courses may be applied to the master’s degree. If research courses are used, a project report must be submitted.

Students in the coursework-only option must complete all coursework for the master’s degree within three semesters, excluding summers; those who fail to do so must then select one of the other two options.

Comprehensive Examination
Required only for students who elect to pursue the examination option. These students must pass two cumulative examinations by the end of the second year.

Thesis, Project, or Coursework-only options
Thesis, coursework-only, or coursework with examination. No other options available. Students who do not submit a thesis must fulfill the requirements of either the coursework-only or examination options.

Doctor of Philosophy
Students seeking a PhD degree are encouraged to enter this program immediately after completion of their undergraduate studies. The MS degree is not a prerequisite to the PhD degree in Chemistry.
Minimum Semester Hours Required: 96 from the baccalaureate.
Coursework
At least 9 hours must be in lecture courses at the 500 level in the student’s major area and 3 hours must be in a chemistry lecture course at the 500 level (or 6 hours in lecture courses at the 400 level in one field) outside the student’s major area. Students must meet the seminar requirements of their major within the program.

Students found to be deficient in specific areas of chemistry on the basis of placement examinations may have to complete additional courses.

Examinations
Preliminary Examination: Required; candidates must pass six cumulative examinations.
Dissertation
Required.

Communication
Mailing Address: Department of Communication, 1007 West Harrison Street, MC 132, Chicago, IL 60607-7137
Campus Location: 1140 BSB
Program Code: 20FS1113MA
Telephone: (312) 996-4460
E-mail: arujecki@uic.edu
Head of the Department: Steve Jones
Director of Graduate Studies: Andrew Rojecki
The Department of Communication offers work leading to the Master of Arts in Communication. An interdepartmental concentration in Gender and Women’s Studies is available to students in this program.

The department’s goal is to produce scholars and researchers who will contribute to the growth of knowledge about communication whether they work in academic or applied settings, and who will be critical consumers of communication research in those settings. Study and research is available in the general areas of intercultural communication and media studies. Necessarily, these areas of study are intertwined. The emphasis is on breadth and integration; inquiry in media studies, for example, ranges from journalism ethics to media effects, electronic media, and computer-mediated communication, while the study of intercultural communication may range from language and symbolic representation, to social inequality, racism, discourse analysis, and international media in cross-cultural settings. Students should develop, in consultation with their advisors, a program of study that best meets their personal and professional interests and also provides a rigorous and expansive understanding of new media and intercultural communication.
Admission Requirements

Applicants are considered on an individual basis. Complete transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must also meet the following program requirements:

Baccalaureate Field: No restrictions. Applicants must have the equivalent of 20 semester hours of study in communication.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

Tests Required: GRE general.
Minimum TOEFL Score: 600 (paper-based); 250 (computer-based).

Letters of Recommendation: Three required, at least two of which must be of an academic nature.

Personal Statement: Required; 600 words; the statement should address the way in which graduate study in the department relates to the applicant’s career or other aims.

Writing Sample: Recommended.

Other Requirements: Students are usually admitted for the fall semester.

Nondegree Applicants

Rarely accepted. Nondegree applicants must submit all credentials and meet the same admission requirements as degree applicants. Nondegree students may not take individual study courses.

Degree Requirements

In addition to the Graduate College minimum requirements, students must also meet the following program requirements:

Minimum Semester Hours Required: 32.

Coursework

At least 20 hours (excluding thesis hours) must be at the 500 level. Credit in Comm 474 and Comm 498 cannot be applied to the degree. Students who receive more than one grade below B in their graduate coursework, or four incompletes that have not been made up within the regulatory one term, will be dropped from the program.

Required Courses: Comm 500 and 501; and either Comm 502 or 503. Comm 500 must be taken before Comm 501 unless a petition for exception is granted.

Electives: No more than 8 hours may be taken in courses outside the department, except for students in the Specialization in Gender and Women’s Studies. No more than 4 hours may be in Comm 596.

Students taking a 400-level course as an elective should note that additional work may be required by the instructor and higher standards will be applied than for undergraduate students.

Comprehensive Examination

None.

Thesis, Project, or Coursework-only options

Thesis required. No other options available.

Thesis: Students must earn at least 8 hours in Comm 598.

Interdepartmental Concentration in Gender and Women’s Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

Criminal Justice

Mailing Address: Department of Criminal Justice, 1007 West Harrison Street, MC 141, Chicago, IL 60607-7140

Campus Location: 4022 BSB

Program Codes: 20FS1137MA (MA); 20FS1137PHD (PhD)

Telephone: (312) 996-2383

E-mail: casillas@uic.edu

Acting Chair: Joseph L. Peterson

Director of Graduate Studies: Mindie Lazarus-Black

The Department of Criminal Justice offers work leading to the Master of Arts and the Doctor of Philosophy in Criminal Justice. The Master of Arts is organized into four curricular areas that include: the nature and development of rules, rule-breaking behavior, rule application and research methodology. It is designed for careers in research, evaluation and criminal justice administration. An interdepartmental specialization in Gender and Women’s Studies is available to students in this program.

Building on the above general curricular areas, the Doctor of Philosophy degree offers additional coursework in theory, substantive specialties, and research methods. Concentrations are offered in law and society, criminology, and organizations.

The Department of Criminal Justice also co-sponsors, with the College of Pharmacy, a program leading to the Master of Science in Forensic Science; consult the appropriate chapter in this catalog for more information.

Admission Requirements

Applicants are considered on an individual basis. Complete transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must also meet the following program requirements:

Master of Arts

Baccalaureate Field: Applicants must have a baccalaureate degree in criminal justice or a related field from an accredited college or university.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

Tests Required: GRE general. The combined verbal and quantitative scores on the GRE must be at least 1000.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required, preferably from professors familiar with the student’s recent work or, in the case of applicants with professional experience, from supervisors.

Personal Statement: Required; one page; the statement should address the applicant’s reasons for wanting to take graduate work in criminal justice and the relationship of this advanced training to the applicant’s professional and other goals.

Other Requirements: Applicants must submit a sample of their academic writing.

Note: In exceptional situations, students with GPAs less than 3.00 but higher than 2.75, or without strong backgrounds in the social sciences, may be admitted on limited status and will be required to remedy academic deficiencies before being admitted to regular status.

Nondegree applicants

The department will consider applicants for nondegree status who hold a baccalaureate degree from an accredited college or university and meet the admission requirements of the Graduate College.

Doctor of Philosophy

Baccalaureate Field: Students may enter either with an MA or a BA. If applicants received their Criminal Justice MA from UIC, then they must have received a “high pass” (3.50) on their MA Comprehensive Exam.
Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study, with a GPA of at least 3.25 in all graduate courses taken.

Tests required: GRE scores (verbal, quantitative and analytic) with a minimum combined verbal and quantitative score of 1000.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three letters of recommendation addressing the applicant’s academic accomplishments and potential.

Personal statement: Required; a statement of academic and professional goals.

Other requirements: An MA thesis or other major research paper; a writing sample (if applying with a BA only).

### Degree Requirements

In addition to the minimum requirements of the Graduate College, students must meet the following program requirements:

#### Master of Arts

**Minimum Semester Hours Required:** 40.

**Coursework**

- **Required Courses:** CrJ 500, 520, 540, 547, 560, 561, and 562.
- **Electives:** 12 semester hours, 4 hours must be from among the three CrJ Signature Seminars (CrJ 541, 546, 548). Of the remaining eight hours, four hours must be at the 500-level. Thesis or project hours may substitute for 8 hours of electives.

**Comprehensive Examination:**

Required.

**Thesis, Project, or Coursework-only options**

Coursework-only with comprehensive examination. No other options available.

#### Interdepartmental Concentration in Gender and Women’s Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

#### Doctor of Philosophy

Students who have received a master’s degree or its equivalent prior to being admitted to the doctoral program can receive up to 32 semester hours of credit toward the 96 hour requirement. Credit for other graduate work in a related field, whether taken at UIC or another institution, may be given on an individual basis. Students may earn up to 20 hours of credit for dissertation research in CrJ 599. Students admitted with a BA degree must complete both the MA and PhD requirements which includes the MA comprehensive examination and either the thesis or project option. Students with an MA from other institutions must satisfy UIC Criminal Justice MA requirements. The graduate director will evaluate students’ prior preparation and determine remedial work if necessary.

**Minimum Semester Hours Required:** 96 beyond the baccalaureate.

**Coursework**

- **Required Courses:** CrJ 500, 520, 540, 547, 560, 561, 562, 564, and 570. Note: For CrJ 570, upon departmental approval an equivalent methods course may be taken either outside the department or as an independent study course in the department, dependent on the student’s dissertation research.

**Electives, Areas of Concentration:** Upon successful completion of the core curriculum students are required to complete 40 additional hours, no more than 12 of which may be taken outside the department. This includes two CrJ Signature Seminars (selected from CrJ 541, 546, and 548) one of which coincides with the student’s area of concentration. Signature Seminars are courses within the areas of concentration that offer further inquiry into central questions in the discipline. Three areas of concentration are offered, each of which typically requires students to complete five additional courses in an area:

1. Law and Society, which examines the nature of formal and informal social norms, their development, use and variation across cultures, societies, and over time.
2. Criminology, which examines the theories of deviance, crime causation, criminal behavior and explanations of rule-breaking from psychological, sociological, economic, and political perspectives.
3. Organizations, which explores organizations and agencies whose principal function is the application of law, and theories explaining practices of decision making and how organizations are created, maintain and develop resources, and relate to internal and external environments.

**Examinations**

- **Departmental Qualifying Examination:** None.
- **Preliminary Examination:** Required written and oral.
- **Dissertation:** Required.

#### Interdepartmental Concentration in Gender and Women’s Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

### Earth and Environmental Sciences

Mailing Address: Department of Earth and Environmental Sciences, 845 West Taylor Street, MC 186, Chicago, IL 60607-7059

- **Campus Location:** 2440 SES
- **Program Codes:** 20FS1174MS (MS); 20FS1174PHD (PhD)
- **Telephone:** (312) 996-3154
- **E-mail:** pdoran@uic.edu
- **Head of the Department:** Neil Sturchio
- **Director of Graduate Studies:** Peter T. Doran

The Department of Earth and Environmental Sciences offers work leading to the Master of Science and Doctor of Philosophy degrees in Earth and Environmental Sciences. Both programs are based in a geology curriculum, but applicants with interdisciplinary natural science backgrounds are encouraged to apply.

#### Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field:** Geosciences, other natural or physical sciences, or engineering (also applies to those...
applicants having an MS degree). Students from other areas are also encouraged to apply if their backgrounds indicate a reasonable chance for success in the program.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

Tests Required: GRE general (total score greater than 1800, individual scores at least 600) and GRE subject test in the student’s undergraduate major (score greater than 600).

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required, preferably from professors familiar with the applicant’s academic work. Letters of recommendation should be sent directly to the graduate director by the referee and not by the applicant.

Personal Statement: Required.

Deadlines: All application material should be sent directly to the department (Director of Graduate Studies) by January 31 for Fall Semester admission and April 30 for Spring Semester admission.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science

Minimum Semester Hours Required: 32.

Coursework

Twelve of the 32 hours must be in the student’s major area, as set forth in the departmental graduate handbook. No more than 4 of these hours may be taken in EaES 596. Twelve additional hours must be taken in departmental courses from outside the major area. With departmental consent, 400- or 500-level courses outside the department may be taken to fulfill this requirement. At least 8 of the 32 hours must be in 500-level courses, not including EaES 598.

Comprehensive Examination

None.

Thesis, Project, or Coursework-only options

Thesis required. No other options available.

Thesis: No more than 8 hours of EaES 598 can be applied to the degree.

Doctor of Philosophy

Minimum Semester Hours Required: 104 past the baccalaureate are required (44 thesis, 8 seminar hours and 52 course hours).

Course Work: Out of the 52 course hours, at least 24 hours are to be selected from the list of core courses, and at least 20 hours are to be selected as elective courses in EaES or from the relevant offerings of other departments and colleges. Each course must be taken for a letter grade, not on a credit/no credit basis. At least 24 hours must be taken at the 500 level, excluding EaES 599. Entering students are required to have completed courses in physics, chemistry, biology and calculus. Core courses (24 hours) should be completed within the first two years.

Examinations

Departmental Qualifying Examination: Required.

Preliminary Examination: Required.

Dissertation

Required. Students must earn at least 44 semester hours in EaES 599 (dissertation research).

English

Mailing Address: Department of English, 601 South Morgan Street, MC 162, Chicago, IL 60607-7120

Campus Location: 2000 UH

Program Codes: 20FS0311MA (MA); 20FS0311PHD (PhD)

Telephone: (312) 413-2239

E-mail: nimrod@uic.edu

Head of the Department: Walter Benn Michaels

Director of Graduate Studies: Sharon Holland

The Department of English offers work leading to degrees in English at both the master’s and doctoral levels. Specializations are available in the general areas of English, American, and world literature written in English; creative writing; language, literacy, and rhetoric; and teaching of English (master’s only).

An interdepartmental concentration in Gender and Women’s Studies and an interdepartmental concentration in Latin American and Latino Studies are available to both master’s and PhD students. The department also offers a program leading to the Master of Arts in Linguistics/TESOL; consult the appropriate chapter in this catalog for more information.

Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: Applicants who intend to specialize in literature or the teaching of English must have an undergraduate major in English or the equivalent that includes a balanced program in English and American literature beyond the level of sophomore surveys. Applicants who intend to specialize in creative writing may have an undergraduate major or a graduate degree in any field, if they show substantial evidence of ability to complete the work in literature required for the degree in English. Applicants who intend to specialize in language, literacy, and rhetoric may have an undergraduate or graduate degree in English, linguistics, or a related field of language study.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study and for all graduate work.

Test Required: GRE general.

Minimum TOEFL Score: 590 (paper-based); 243 (computer-based).

Letters of Recommendation: Three required, preferably from individuals acquainted with the applicant’s recent academic, professional, or creative work.

Personal Statement: Required. Domestic applicants must submit a statement of about 500 words presenting their reasons for wanting to take graduate work in English at UIC and the relationship of this advanced training to professional and other goals. International applicants must submit a two- or three-page summary of their educational experience that emphasizes their work in English and American literature and language. They should conclude this summary with their reasons for wanting to do graduate work in the English department.

Other Requirements: All MA and PhD applicants must submit a sample of their written work of up to 30 pages appropriate to their proposed area of study. For creative writing, at least five poems, one or more stories, a chapter from a novel, or comparable work.

Deadlines

The application deadline for the PhD is January 1 preceding fall admission; February 1 is the deadline for the MA programs.

Degree Requirements

(The Department is currently revising its curriculum. Check with the Department web page for changes in requirements.)

Master of Arts

Minimum Semester Hours Required: 32.

Coursework

At least 12 of the 32 hours must be at the 500 level, and at least 24 of the 32 hours must be in the English Department. Credit toward the MA is not given for any course in which the student receives a grade of less than B.

Required Courses:

Creative Writing—at least 12 and no more than 16 hours of creative writing workshops and at least 12 hours of 400- or
500-level courses in English, or American literature, languages, and culture. No more than 8 hours for credit may be Engl 596 or 597.

Literature—Engl 497 and 503; at least one graduate course in each of the following areas in which the student has not passed an advanced undergraduate course with a grade of B or better: English literature from the beginnings through Milton, English literature from the Restoration through 1914, American literature from the beginnings through 1914, and British and American literature since 1914; at least one graduate seminar chosen from the following: medieval, Renaissance, 18th century, Romantic, American to 1860; at least one graduate seminar chosen from the following: American since 1860, Victorian, modern British, special topics.

Teaching of English—Engl 501, 503, and 554; two courses in teaching, chosen from among Engl 481, 486, 555, 556, Ling 483, 554, 583, one additional course in language, literacy, and rhetoric or linguistics; one additional course in literature; and one elective course. At least 4 hours must be taken in courses with a multicultural or cross-cultural orientation. Each student must submit a qualifying paper for departmental approval. It may be an enlarged version of a paper written for a course taken as a graduate student, or it may have originated in independent research. No more than 4 hours of Engl 597 may be applied to the degree.

Language, Literacy, and Rhetoric—Engl 501; two courses from one of the two following areas of coursework: Area I (Language), Engl 401, 485, or Ling 405 or Area II (Composition and Rhetoric), Engl 402, 483 or 484; one 400- or 500-level course in African-American, Asian American, Latino, Native American, or multi-ethnic literature; one additional 400- or 500-level course in Language, Literacy, and Rhetoric; one 500-level seminar; and two elective courses in English, Linguistics, or the College of Education’s Literacy, Language, and Culture area, or other department or program, with the consent of the advisor. One of these electives may be Engl 597.

**Comprehensive Examination**

None.

**Thesis, Project, or Coursework-only options**

Project consisting of a qualifying paper required for all specializations. No other options available.

Project: Students in the specializations in literature; the teaching of English; and language, literacy, and rhetoric must submit a paper of 25–35 pages. No more than 4 hours of Engl 597 can be applied to the degree.

Creative writing students must submit a manuscript consisting of a substantial collection of their work.

**Interdepartmental Concentration in Gender and Women’s Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member. Students are urged to take additional coursework in language, literacy, and rhetoric, including at least two seminars; 8 hours in literature and in criticism, scholarship, and theory, including one seminar. Creative Writing—12 hours in creative writing; students working in fiction must take at least 8 of those hours in fiction workshops; students working in poetry must take at least 8 of those hours in poetry workshops; and 12 hours in literature and in criticism, scholarship, and theory, including one seminar.

Literature—Engl 478, 497, or 504; three seminars. Students in this specialization are expected to divide their hours beyond the core requirements between coursework in periods that would strengthen their general background and coursework in those periods or genres related to their chosen area. They are urged to take additional coursework in language and rhetoric.

**Examinations**

**Preliminary Examination:** Required; written and oral.

**Dissertation**

Required. No more than 32 hours of Engl 599 can be applied to the degree. Candidates in language, literacy, and rhetoric must either write dissertations involving their own theoretical or empirical studies in language, literacy, or rhetoric, or studies of instruction, curriculum design, and the administration of writing programs. Candidates for the doctorate in creative writing are expected to produce as a dissertation one of the following: a novel, a volume of short stories or poems, a play or group of plays, or a unified collection of essays. Candidates for the doctorate in literary criticism or history.

**Other Requirements**

**Language:** Students must present evidence of reading knowledge of a language other than English. Contact the director of graduate studies for more information.

**Teaching:** Students lacking teaching experience must take Engl 555 during their first year. All students must serve as teaching assistants for at least four semesters. All teaching assistants teach sections of Engl 160 and 161. Teaching assistants are often assigned to other lower-level courses in English appropriate to their specialization.

**Interdepartmental Concentration in Gender and Women’s Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies.
Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

Interdepartmental Concentration in Latin American and Latino Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Latin American/Latino Studies. Students must take at least 16 hours of course work approved by the student’s advisor for the concentration, of which 4 hours must be the core seminar LALS 501. The remaining 12 hours may come from courses offered by the Latin American/Latino Studies Program or cross-listed courses, or departmental offerings with Latin American or Latino content, or independent study courses chosen in consultation with the advisor. Up to 8 hours may be taken in the home discipline, although students are encouraged to take advantage of the multi-disciplinary nature of the concentration. Doctoral students may not apply dissertation credit (599) toward concentration electives. Doctoral students are encouraged, but not required, to elect a dissertation topic related to Latin America or Latinos in the United States.

Environmental and Urban Geography

Mailing Address: Department of Anthropology, 1007 West Harrison Street, MC 027, Chicago, IL 60607-7138
Campus Location: 2102 BSB
Program Code: 20FS1238MA
Telephone: (312) 413-3570
E-mail: megand@uic.edu
Chair of the Department: John Monaghan
Director of Graduate Studies: John Monaghan

The Department of Anthropology offers work leading to the Master of Arts in Environmental and Urban Geography. The program has two major areas of study: (1) environmental analysis and monitoring, environmental behavior, and environmental management; and (2) urban geography, including the environmental impact of urbanization, industrial and commercial development, transportation, residential area analysis, and urban and regional structures. The department also offers work leading to master’s and doctoral degrees in Anthropology; consult the appropriate chapter in this catalog for more information.

Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions.
Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.
Tests Required: GRE general.
Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).
Letters of Recommendation: Three required.
Personal Statement: Required.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 32.
Coursework
At least 9 hours must be in 500-level geography courses (excluding Geog 592 and 595). For students with an undergraduate geography major, at least 6 hours must be in cognate courses recognized by the student’s faculty advisor as supporting the student’s program of study.

Required Courses: Geog 595. Non-thesis students must take 8 semester hours in geographic information systems or cartography and remote sensing.
Electives: Non-thesis students must take five courses, including at least two 500-level seminars, to define a program major in either environmental or urban geography, and one geography course outside their major area. No more than 8 hours may be taken in other disciplines by non-thesis students; outside courses must support the student’s major.

Comprehensive Examination
Required only for students who do not complete a thesis; written.

Thesis, Project, or Coursework-only options
Thesis or coursework-only. No other options available.

Thesis: Thesis students must earn at least 9 hours in Geog 596 and 598, of which at least 6 hours must be in Geog 598; no more than 9 hours of Geog 598 can be applied to the degree.

French

Mailing Address: Department of Spanish, French, Italian, and Portuguese, 601 South Morgan Street, MC 315, Chicago, IL 60607-7116
Campus Location: 1615 UH
Program Code: 20FS0304MA
Telephone: (312) 996-3222
E-mail: carlap@uic.edu
Head of the Department: Christopher Maurer
Director of Graduate Studies: Margaret Miner

The Department of Spanish, French, Italian, and Portuguese offers work leading to the Master of Arts in French. An interdepartmental concentration in Gender and Women’s Studies is available to students in this program. The department also offers work leading to a degree in Hispanic Studies; consult the appropriate chapter in this catalog for more information on this program.

Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: A substantial background in French literature is essential, as is fluency in written and spoken French.
Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.
Tests Required: GRE general.
Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).
Letters of Recommendation: Three required from professors or others familiar with the applicant’s recent academic work.
Personal Statement: Required; 250 words, in French; the statement should address the applicant’s reasons for wanting to take graduate work.

Other Requirements: Applicants must submit a sample of their academic writing in French.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 32.
Coursework
At least 12 of the 32 hours must be 500-level courses in the French section, excluding Fr 502 and Fr 596. At least 24 hours of coursework must be taken in the French section; Fr 502 counts as a course outside of the section.

Required Courses: Fr 433; 4 hours from among Fr 415, 416, 417, 418, 419, 420, or 422; 4 hours from among Fr 461, 462, 463 or 464.
Comprehensive Examination
Required; written and oral.

Thesis, Project, or Coursework-only options
Coursework-only. No other options available.

Interdepartmental Concentration in Gender and Women’s Studies
Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

Germanic Studies
Mailing Address: Department of Germanic Studies, 601 South Morgan Street, MC 189, Chicago, IL 60607-7115
Campus Location: 1524 UH
Program Codes: 20FS1292MA (MA); 20FS1292PHD (PhD)
Telephone: (312) 996-3205
E-mail: tracyb@uic.edu
Head of the Department: Helga W. Kraft
Director of Graduate Studies: Dagmar C.G. Lorenz

The Department of Germanic Studies offers the Master of Arts degree and the Doctor of Philosophy degree in Germanic Studies. Graduate students may develop focal areas in the fields of German literature, applied linguistics, film studies, studies in Jewish culture, gender studies, and German intellectual history.

Admission Requirements
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions. A substantial background in German literature or culture is expected, as is proficiency in written and spoken German.

Grade Point Average: At least 3.00 (A = 4.00) in all German courses and in the final 60 semester hours (90 quarter hours) of undergraduate study.

Tests Required: General GRE scores are mandatory for university fellowship candidates.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required from persons familiar with the applicant’s academic work.

Personal Statement: Required; 250 words; the statement should address the applicant’s purpose and goals.

Other Requirements: Applicants must submit a sample of their academic writing.

Nondegree Applicants
Nondegree applicants must submit a transcript from their baccalaureate institution.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Arts
Minimum Semester Hours Required: 32.

Coursework
At least 12 hours must be at the 500 level. These courses will be chosen from Ger 513, 514, 515, 531, and 593. Ger 407 is required for students with a Teaching Assistantship.

Comprehensive Examination
Required for students who do not complete a thesis; written and oral examinations administered by a committee of one exam coordinator and two other faculty members.

Thesis, Project, or Coursework-only options
Thesis or coursework-only. No other options available.

Thesis: Optional; requires a committee of a supervisor and two other faculty members. No more than 8 hours of Ger 598 can be applied to the degree.

Other Requirements
All non-native-German students must pass the Zentrale Mittelstufenprüfung with the grade of “gut”.

Interdepartmental Concentration in Gender and Women’s Studies
Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

Concentration in Jewish Studies
A student earning a graduate degree in this department may enroll for a Graduate Concentration in Jewish Studies. The requirements for this concentration are application to the Director of the Jewish Studies Program; approval by a Jewish Studies faculty member, who becomes the student’s Jewish Studies advisor; a total of 16 hours graduate course work, including JSt 478 and 494; and eight additional hours of course work approved by the student’s Jewish Studies advisor. Up to four of these hours can be in directed study or thesis research on an appropriate topic approved by the Jewish Studies advisor.

Doctor of Philosophy
Minimum Semester Hours Required: 72 beyond the master’s degree.

Coursework
40 hours exclusive of credit for thesis research, with a minimum of 32 credits in Germanic Studies.

Required Courses: Ger 407 and 599.

Concentration Courses:

Literature and Culture: Engl 476; Ger 420, 421, 437, 438, 513, 514, 593.

Film Studies: Engl 472, 584; Ger 411, 422, 437, 449, 470, 514, 515, 531.

Jewish Cultural Studies: Engl 582; Ger 404, 411, 421, 437, 470, 531; Hist 496; JSt 494.

Examinations

Preliminary Examination: Required; written and oral.

Dissertation Required.

Other Requirements
By the time of the dissertation defense, candidates must have taught the equivalent of three one-semester courses. Students must demonstrate a reading proficiency in two foreign languages other than German that are relevant to their plan of study.

Interdepartmental Concentration in Gender and Women’s Studies
Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must
apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

**Concentration in Jewish Studies**

A student earning a graduate degree in this department may enroll for a Graduate Concentration in Jewish Studies. The requirements for this concentration are application to the Director of the Jewish Studies Program; approval by a Jewish Studies faculty member, who becomes the student’s Jewish Studies advisor; a total of 16 hours graduate course work, including JSt 478 and 494; and eight additional hours of course work approved by the student’s Jewish Studies advisor. Up to four of these hours can be in directed study or thesis research on an appropriate topic approved by the Jewish Studies advisor. Language competence in Hebrew or Yiddish is required.

**Hispanic Studies**

**Mailing Address:** Department of Spanish, French, Italian, and Portuguese, 601 South Morgan Street, MC 315, Chicago, IL 60607-7117

**Campus Location:** 1733 UH
**Program Codes:** 20FS1312MA (MA); 20FS1312PHD (PhD)
**Telephone:** (312) 996-3236
**E-mail:** mexotic@uic.edu
**Head of the Department:** Christopher Maurer

The Department of Spanish, French, Italian, and Portuguese offers work leading to degrees in Hispanic studies at both the master’s and doctoral levels. The master’s program offers two specializations: Hispanic Literary Studies and Hispanic Linguistics, consisting of two concentrations: Descriptive and Theoretical Linguistics and Applied Linguistics. At the doctoral level, specializations are available in Hispanic Literatures and Cultures, and in Hispanic Linguistics, with two concentrations: Descriptive and Theoretical Linguistics and Second Language Acquisition. An interdepartmental concentration in Gender and Women’s Studies are available to students in both the master’s and doctoral programs. The department also offers work leading to the Master of Arts in French; consult the appropriate department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Language competence in Hebrew or Yiddish is required.

**Admission Requirements**

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

**Master of Arts**

**Baccalaureate Field:** Spanish or related field.

**Grade Point Average:** At least 3.50 (A = 4.00) for the final 60 semester hours (90 quarter hours) of study.

**Tests Required:** All applicants are urged to take the GRE.

**Language Proficiency:** Applicants must give evidence of proficiency in spoken and written formal standard Spanish.

**Minimum TOEFL Score:** 550 (paper-based); 213 (computer-based).

**Sample of Writing in Spanish:** Applicants are required to submit a sample of their written work in Spanish in the form of an essay for an academic course.

**Letters of Recommendation:** Three required from professors; at least two should be from instructors in upper-level or graduate Spanish courses.

**Personal Statement:** A statement of 250 words is required in which applicants should address their reasons for applying to a Spanish graduate program in the option selected.

**Note:** All application documents, including transcripts, must be forwarded directly to the program office: Rocio Garcia, UIC Department of Spanish MC 315, 601 South Morgan Street, Chicago, Illinois 60607-7117.

**Doctor of Philosophy**

**M.A. or Equivalent:** Spanish or related field.

**Grade Point Average:** At least 3.50 (A = 4.00) for all graduate courses.

**Tests Required:** Applicants are urged to take the GRE.

**Minimum TOEFL Score:** 550 (paper-based); 213 (computer-based). For applicants to SLA concentration, a minimum of 230 (computer-based) is required.

**Samples of Writing in Spanish:** Applicants are required to submit two samples of their written work in Spanish in the form of an essay for an academic course.

**Letters of Recommendation:** Three required; at least two from professors in graduate-level Spanish courses or equivalent.

**Personal Statement:** A 500-word statement addressing the applicant’s purpose and goals.

**Other Requirements:** All applicants must present evidence of advanced knowledge of a modern Romance language in addition to Spanish and reading knowledge of one other ancient or modern language. The requirement for competence in foreign languages may be satisfied by evidence from the applicant’s prior record (university grades, supervised study in a foreign country, etc.) The requirement may also be satisfied by passing a proficiency test prior to the doctoral examination.

**Note:** All application documents, including transcripts, must be forwarded directly to the program office: Rocio Garcia, UIC Department of Spanish MC 315, 601 South Morgan Street, Chicago, Illinois 60607-7117.

**Nondegree Applicants**

Nondegree applicants must submit transcripts from all institutions where a degree or academic credit was earned during the last eight years.

**Degree Requirements**

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Master of Arts**

**Minimum Semester Hours Required:** 36.

**Coursework**

**Required course for all specializations:** Span 502 or equivalent. All students must complete at least three courses at the 500 level besides any independent studies (Span 596).

**Specialization Courses:**

- **Hispanic Literary Studies:** Eight elective courses (32 hours) chosen in consultation with the graduate advisor. At least one of the eight courses must be in Linguistics other than Span 502, for a total of 36 hours.
- **Spanish Descriptive and Theoretical Linguistics:** Span 402, 404, and 505, plus one other course at the 500 level other than Span 502, one course in literature, and three electives chosen in consultation with the graduate advisor, for a total of 36 hours.
- **Spanish Applied Linguistics:** Span 402, 404, 453 or 556, and 507, plus one other course at the 500 level other than Span 502, and three electives chosen in consultation with the graduate advisor, for a total of 36 hours.

**Comprehensive Examination**

Required.

**Thesis, Project, or Coursework-only options**

Thesis or coursework-only. No other options available.

**Thesis:** Permission of the department’s graduate committee is required.
**Interdepartmental Concentration in Gender and Women’s Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

**Doctor of Philosophy**

**Minimum Semester Hours Required:** 96 from the baccalaureate.

**Coursework**

**Required for all specializations:** Span 502 or equivalent.

**Hispanic Literature and Cultures—**A minimum of eight graduate courses (32 hours) of which three related to the field of study may be taken outside the department. A course in literary theory is required. It may be taken within or outside the department.

**Hispanic Linguistics—**For the concentration in Descriptive and Theoretical Linguistics, a minimum of eight graduate courses (32 hours), which should include Span 403 and 405. Three courses may be taken outside the department. At least two courses for the concentration must be in general linguistic theory.

For the concentration in Second Language Acquisition, a minimum of 10 courses (40 hours) distributed in three areas: SLA (Span 556, Span 557, and 2 other courses); Linguistics/Language Analysis (4 courses); and Research Methods (2 courses).

**Examinations**

**Preliminary examination:** required; written and oral. The written exam will cover the area of specialization. The oral part of the exam will be based on the written sections and the dissertation prospectus submitted by the candidate.

**Dissertation**

Required. No more than 28 hours of Span 599 can be applied to the degree. The dissertation should be based on original research in the candidate’s specialization. The emphasis may be on any of the approaches covered by the areas of research (literary, linguistics, cultural).

**Other Requirements**

Unless exempted by the director of graduate studies, all students must serve as teaching assistants for at least four semester hours and teach sections of elementary or intermediate Spanish.

**Interdepartmental Concentration in Gender and Women’s Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

**History**

**Mailing Address:** Department of History, 601 South Morgan Street, MC 198, Chicago, IL 60607-7109

**Campus Location:** 913 UH

**Program Codes:** 20FS0342MA (MA); 20FS1757MAT (MAT); 20FS0342PHD (PhD)

**Telephone:** (312) 996-3141

**E-mail:** lindavp@uic.edu

**Chairperson of the Department:** Michael Perman

**Director of Graduate Studies:** Christopher Boyer

The Department of History offers work leading to degrees in History at both the master’s and doctoral levels. In addition to the regular master’s degree program, the department offers a special program, designed to meet the needs of high school teachers, which leads to the Master of Arts in the Teaching of History (MAT). An interdepartmental concentration in Gender and Women’s Studies and an interdepartmental concentration in Latin American and Latino Studies are available to both MA and PhD students.

Students must select one of the following major fields for the MA: Africa, ancient Mediterranean world, East Asia, medieval Europe, early modern Europe, modern Europe, Great Britain and Ireland, Russia, Latin America, and Colonial America and the United States. The PhD major fields are Africa, ancient Mediterranean world, medieval Europe, early modern Europe, modern Europe, Great Britain and Ireland, Russia, Latin America, Colonial America and the United States since 1763. Each major field is further subdivided into minor fields, of which there are more than 160 for the MA and more than sixty for the PhD. Consult the department’s graduate student handbook for more information.

**Admission Requirements**

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

**Baccalaureate Field:** Applicants must have either an undergraduate major in history or a minimum of 16 semester hours in history.

**Grade Point Average:** at least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study. A gpa of 3.50 (A = 4.00) is recommended.

**Tests Required:** GRE general. A score of 550 on the Verbal portion of the test is the minimum recommended.

**Minimum TOEFL Score:** 550 (paper-based); 213 (computer-based)

**Letters of Recommendation:** Three required, preferably from former professors.

**Personal Statement:** Required.

**Degree Requirements**

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Master of Arts**

**Minimum Semester Hours Required:** 32.

**Coursework**

Two tracks exist, one for students for whom this degree is intended to be final (the “MA-only track”), and one for whom this degree is intended to lead toward the Doctor of Philosophy in History (the “doctoral track”).

At least 20 semester hours must be at the 500 level, and at least 16 semester hours must be in 500-level courses taught by the Department of History. Courses taken in a field other than history that are to count toward the degree need the approval of the advisor and the director of graduate studies. Credit toward the degree is not given for any course in which the student received a grade of less than B.

**Required Courses:** 4 hours of the 500-level seminar in the student’s major area. Students majoring in United States history must complete 8 hours of the section of Hist 551
designated as the historiographical/bibliographical colloquium. All entering graduate students are required to take Hist 501.

**Comprehensive Examination**

Required for students on M.A.-only track. Students on the doctoral track do not take master’s comprehensive exams.

**Thesis, Project, or Coursework-only options**

*Coursework-only.* No other options available.

**Other Requirements**

Students must complete a seminar paper. Students must pass a reading examination in one foreign language relevant to the plan of study. Any additional foreign language (or skills in quantitative methods) requirement will be determined by faculty in the major field.

After the student has completed 24 hours of coursework, a faculty committee representing the student’s major and minor fields will review the record of each doctoral-track M.A. student in the final semester of her/his M.A. studies to decide whether it justifies the pursuit of doctoral studies. If the decision is negative, the student will be put on M.A.-only track, and will be required to take comprehensive examinations and fulfill all other requirements of the M.A. degree.

**Inte rdepartmental Concentration in Gender and Women’s Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

**Inte rdepartmental Concentration in Latin American and Latino Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Latin American/Latino Studies. Students must take at least 16 hours of course work approved by the student’s advisor for the concentration, of which 4 hours must be the core seminar LALS 501. The remaining 12 hours may come from courses offered by the Latin American/Latino Studies Program or cross-listed courses, or departmental offerings with Latin American or Latino content, or independent study courses chosen in consultation with the advisor. Up to 8 hours may be taken in the home discipline, although students are encouraged to take advantage of the multi-disciplinary nature of the concentration.

**Master of Arts in the Teaching of History**

**Minimum Semester Hours Required:** 54 (entering without certification); 32 (entering with certification). Students seeking teacher certification must complete a minimum of 54 semester hours, which includes hours taken in the History Department and the College of Education. Students not seeking certification must complete a minimum of 32 semester hours.

**Coursework**

At least 16 hours must be in 500-level history courses. Credit toward the degree is not given for any course in which the student receives a grade of less than B.

Students must complete 16 hours in graduate-level readings courses across the three fields of U.S., European, or world history, with at least four hours in each of these. These hours are to be drawn, where possible, from 500-level colloquia.

Students must complete 8 hours in courses that focus on the teaching of history and the social sciences, Hist 420 and 500. Hist 420 has a prerequisite of 9 hours in social sciences.

Students seeking teacher certification must take 30 hours in required courses toward certification: CIE 504; Ed 402 or 403; 421 or 445; 432; Hist 475 and 476; SpEd 410.

Students not seeking certification must take a minimum of 8 hours in a specific field of history of their choosing in consultation with their advisor.

**Additional Requirements for Teacher Certification**

In addition to specified course work, students seeking teacher certification must fulfill certain other requirements as well as maintain a minimum grade point average of 3.00 (A = 4.00) in history course work, and a 3.00 (A = 4.00) in required education courses. (For detailed information, see the Program Guide for Teacher Education in History, available from the secondary education coordinator in the Department of History.)

The teaching certificate is not automatically awarded upon successful completion of certification and degree requirements. Before the certificate is issued, the candidate must file an application for the Illinois teaching certificate in the Council on Teacher Education. The candidate must also pass a series of examinations required by the Illinois State Board of Education. The Basic Skills Test must be passed prior to applying for candidacy in the Council on Teacher Education. The Content Area Test must be passed before the candidate is allowed to student teach (beginning in Fall 2004). The Assessment of Professional Teaching must be passed prior to certification. For information on application procedures, contact the Council on Teacher Education located in 3015 EPASW.

**Comprehensive Examination**

Required.

**Thesis, Project, or Coursework-only options**

*Coursework-only.* No other options available.

**Doctor of Philosophy**

**Minimum Semester Hours Required:** 96 from the baccalaureate.

**Coursework**

Candidates must complete at least 64 semester hours of graduate work beyond the master’s degree exclusive of Hist 501. Of this amount, 16 are in didactic courses, and 48 are in thesis research. Eight hours of didactic coursework are in Hist 591, to be taken after all other requirements for didactic coursework have been met. Credit toward the degree is not given for any course in which the student receives a grade of less than B. All entering graduate students are required to take Hist 501. Ph.D. students are not required to repeat any specific course offered by this department that they have successfully completed as M.A. students. Students entering the Ph.D. program with a master’s degree from a department in another discipline may be required to complete additional hours of didactic coursework, as appropriate and specified upon admission.

**Examinations**

*Comprehensive Examination:* None.

*Preliminary Examination:* Required; written.

**Dissertation**

Required.

**Other Requirements**

Students must pass a reading examination in one foreign language relevant to the plan of study. Any additional foreign language (or skills in quantitative methods) requirement will be determined by faculty in the major field.

**Interdepartmental Concentration in Gender and Women’s Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must...
apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

Interdepartmental Concentration in Latin American and Latino Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Latin American/Latino Studies. Students must take at least 16 hours of course work approved by the student’s advisor for the concentration, of which 4 hours must be the core seminar LALS 501. The remaining 12 hours may come from courses offered by the Latin American/Latino Studies Program or cross-listed courses, or departmental offerings with Latin American or Latino content, or independent study courses chosen in consultation with the advisor. Up to 8 hours may be taken in the home discipline, although students are encouraged to take advantage of the multi-disciplinary nature of the concentration. Doctoral students may not apply dissertation credit (599) toward concentration electives. Doctoral students are encouraged, but not required, to elect a dissertation topic related to Latin America or Latinos in the United States.

Linguistics

Mailing Address: Department of English, 601 South Morgan Street, MC 162, Chicago, IL 60607-7120
Campus Location: 2004 UH
Program Code: 20FS0301MA
Telephone: (312) 413-2240
E-mail: vdavis@uic.edu
Head of the Department: Walter Benn Michaels
Director of Graduate Studies: Elliot Judd

The Department of English offers specializations in either general or applied linguistics leading to the Master of Arts in Linguistics. Coursework in general linguistics focuses on language, culture, and society; coursework in applied linguistics focuses on TESOL (Teaching of English to Speakers of Other Languages). An interdepartmental concentration in Gender and Women’s Studies is available to students in this program. The department also offers a program leading to degrees in English at both the master’s and doctoral levels; consult the appropriate chapter in this catalog for more information.

Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirement, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions. Prior academic work should include the equivalent of at least two years of a foreign language and a broad background in the humanities and social sciences. Training in mathematics or philosophy is also desirable. Applicants for the TESOL option may offer backgrounds in education rather than in the liberal arts.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

Tests Required: Applicants from countries where the primary language is not English must take the Test of Spoken English (TSE) in addition to the TOEFL. TSE tests were revised effective July 1, 1995. A TSE score of at least 50 is required for consideration.

Minimum TOEFL Score: 590 (paper-based); 243 (computer-based).

Letters of Recommendation: Three required; these must be sent directly to the department by professors who are familiar with the applicant’s recent work.

Personal Statement: Required; 250 words; the statement should address the applicant’s reasons for wishing to do graduate work in linguistics and the relationship of this work to the applicant’s professional and other goals. Applicants who are not native speakers of English must submit a four-to-five-page summary of their educational experience, emphasizing work in English and other literatures and languages and concluding with a statement of reasons for wanting to do graduate work in the United States; this replaces the 250-word statement required of other applicants.

Nondegree Applicants

Nondegree applicants must submit a transcript from their baccalaureate institution.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: Varies by option. General linguistics, 32; applied linguistics: with thesis, 44; with internship, 49.

Coursework

At least 12 hours must be at the 500 level.

Required Courses: Ling 415, 425, and 480. Students in the general linguistics option must also take at least four courses from among the following: Ling 412, 420, 440, 453, 456, 459, 506, 551, 556, 559; Engl 400, 484, 485, 552, 553, 585, 586, 587; Anth 500, 501; Phil 406, 519. Other courses focusing on language, culture, and society may be substituted with the permission of the advisor.

Students in the applied linguistics option must also take Ling 483, 531, 556, 583, 586, and one other TESOL or related course, to be approved by an advisor. No more than one-fourth of the total hours required for the degree (excluding Ling 597 or 598) can be in independent study courses.

Comprehensive Examination

Required; written. Students cannot take the examination more than twice.

Thesis, Project, or Coursework-only options

Thesis, project, or coursework-only (with internship).

A qualifying paper is required for general linguistics students. No more than 4 hours of Ling 597 can be applied to the degree in general linguistics. Students in applied linguistics/TESOL must complete either a thesis or an internship. They must earn 8 hours of Ling 598 for thesis research or 13 hours of Ling 594 for an internship.

Other Requirements

All students must demonstrate proficiency in one foreign language either by examination or by completion (with a grade of B or higher) of appropriate course work beyond the second-year university level.

Interdepartmental Concentration in Gender and Women’s Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.
Mathematics
Mailing Address: Department of Mathematics, Statistics, and Computer Science, 851 South Morgan Street, MC 249, Chicago, IL 60607-7045
Campus Location: 339 SEO
Program Codes: 20FS1901DA (DA); 20FS0439MA (MA); 20FS0439MS (MS); 20FS1439MS (MS in MISI); 20FS0290MST (MST); 20FS0439PHD (PhD)
Telephone: (312) 996-3041
E-mail: dgs@math.uic.edu
Head of the Department: Jerry Bona
Director of Graduate Studies: Steve Hurder

The Department of Mathematics, Statistics, and Computer Science offers work leading to degrees in mathematics at both the master’s and doctoral levels. Study and research is available in the general areas of pure mathematics, applied mathematics, probability and statistics, mathematical computer science, the teaching of mathematics, and an integrated interdisciplinary curriculum combining mathematics, computer science, project management and communication skills. Additional information, guidelines, and requirements are published annually in the department’s Graduate Handbook.

All teaching assistants are required to take Math 589 (Teaching and Presentation of Mathematics) before or concurrently with their initial teaching assignments.

Admission Requirements
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Master of Arts and Master of Science
Baccalaureate Field: Mathematics or a related field.
Applicants must have 20 semester hours of undergraduate work in mathematics beyond calculus. Additional requirements vary by area; contact the department for more information on the specific admission requirements of each area.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study, and an average of 3.00 in all mathematics courses beyond calculus.

Tests Required: GRE general and GRE subject test in mathematics.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required from persons familiar with the applicant’s academic work.

Personal Statement: Required.

Master of Science in Mathematics and Information Sciences for Industry
Baccalaureate Field: Mathematics or related field. Applicants must have 20 semester hours of undergraduate work in mathematics beyond calculus. Contact the department for more information about specific admission requirements.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study, and an average of 3.00 in all mathematics courses beyond calculus.

Tests Required: GRE general and GRE subject test in mathematics or computer science.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required from persons familiar with the applicant’s academic work.

Personal Statement: Required.

Master of Science in Teaching of Mathematics
Baccalaureate Field: Mathematics or a related field.
Applicants for the secondary school option must have 20 semester hours of undergraduate work in mathematics beyond calculus, at least one course concerned with the problems of teaching secondary school mathematics, and the equivalent of the department’s courses: Advanced Calculus II, Linear Algebra I, Abstract Algebra I.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study, and an average of 3.00 in all mathematics courses beyond calculus.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required from persons familiar with the applicant’s academic work.

Personal Statement: Required.

Other Requirements: Applicants for the elementary school option must hold a valid K-8 Illinois Teaching Certificate or the equivalent.

Doctor of Arts and Doctor of Philosophy
Prior Degrees: Completion of a master’s program is required for entrance to the doctoral programs. MS students in the department who intend to continue on to the doctorate must satisfy the department’s master’s degree requirements and be recommended by the department for further work. Applicants who have a master’s degree from another university must have completed an MS program equivalent to the department’s. Applicants to the DA program who have an MST degree should complete the equivalent of the department’s MS program.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study, and an average of 3.00 in all mathematics courses beyond calculus.

Tests Required: GRE general and GRE subject test in mathematics.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required from persons familiar with the applicant’s academic work.

Personal Statement: Required.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Arts and Master of Science
Minimum Semester Hours Required: 32.

Coursework
At least 24 hours must be in mathematics courses, of which 12 hours must be at the 500-level. The student must complete a course of study in one of the following concentrations or, in exceptional cases approved by the Graduate Studies committee, a general program of study without concentration can be followed.

Concentration in Pure Mathematics
Students must take the following courses: Math 417, 516, 533 plus 4 hours from Math 446, 517, 534, 535, 536. Other courses may be substituted with the permission of the Director of Graduate Studies. The remaining courses are selected in consultation with an advisor. Students must pass a written comprehensive examination in Pure Mathematics or write a thesis and pass an oral defense.

Concentration in Applied Mathematics
Students must take the following courses: Math 417, 481, 573 plus 8 hours from Math 578, 579, 580, 61. The remaining 12 hours must include previously listed courses or courses selected from the following groups: (Applications-oriented Math)—Math 574, 575, 576, 577, 584; (Mathematical Science)—Math 582, 583; (Advanced Topics in Applied Mathematics)—Math 590; (Collateral Courses)—MCS 472, 563, 572, 575; (Advanced Undergraduate Courses)—Math 419, 471, 484, Stat 401; selected 500-level courses in real or complex analysis or differential equations.
after consultation with an Applied Mathematics advisor. Other courses may be substituted with the permission of the Director of Graduate Studies. The remaining courses are selected in consultation with an advisor. Students must pass a written comprehensive examination in Applied Mathematics or write a thesis and pass an oral defense.

Concentration in Mathematical Computer Science
Students must take the following courses: MCS 401, 421, 471. Students must select at least three courses, two 500-level MCS courses plus one course selected from the MCS graduate-level course list or Stat 471. Other courses may be substituted with the permission of the Director of Graduate Studies. The remaining courses are selected in consultation with an advisor. Students must pass a written comprehensive examination in Mathematical Computer Science or write a thesis and pass an oral defense.

Concentration in Probability and Statistics
Students must take the following courses: Stat 401, 411 plus one course selected from Stat 431, 461, 471, 477, 481. Other courses may be substituted with the permission of the Director of Graduate Studies. The remaining courses are selected in consultation with an advisor. Students must pass a written comprehensive examination in Probability and Statistics or write a thesis and pass an oral defense.

General Program of Study without Concentration
Students following a program of study without concentration must receive prior approval from the Graduate Studies committee. Students must complete 24 hours of coursework selected from the following: Math 417, 427, 430, 435, 436, 440, 442, 445, 446, 480, 481; MCS 401, 411, 418, 421, 423, 441, 471, 472; Stat 411, 416, 431, 461, 462, 471, 473, 481; any 500-level course except topics courses. Other courses may be substituted with the permission of the Director of Graduate Studies. The remaining courses are selected in consultation with an advisor. Students must pass a written comprehensive examination in one of the four areas of concentration.

Comprehensive Examination
Optional. Students who do not pass a written comprehensive examination must complete a thesis.

Thesis, Project, or Coursework-only options
Thesis or coursework-only (with written comprehensive examination). No other options available.

Master of Science in Mathematics and Information Sciences for Industry
Minimum Semester Hours Required: 32.
Coursework
Required Courses: MCS 401, 471, 504, 507, Math 589.
Electives: 12 semester hours chosen from the department’s 500-level courses, with the exception of MthT courses.
Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Thesis or project required. No other options available.

Master of Science in Teaching of Mathematics
Two options (secondary and elementary) are available to MST students.
Minimum Semester Hours Required: Secondary option—32 hours; Elementary option—36 hours.
Coursework
Required Courses: Varies by option. Secondary option students must take MthT 410, 411, 510, and 530; and Math 425 or MthT 435. Elementary option students must take MthT 450, 460, 465, 470, 480, and 589.
Electives: The specific distribution of courses varies by option; contact the department for the specific requirements of each option.
Comprehensive Examination
None.
Thesis, Project, or Coursework-only options
Coursework-only. No other options available.

Other Requirements
Students in the secondary option must be eligible for a certificate to teach mathematics at the secondary level in Illinois. This requirement may be waived for candidates with teaching experience. If a candidate is not certified to teach mathematics at the secondary level in Illinois, up to 8 elective hours may be selected from courses in psychology or education, if taken at the graduate level. Certification may be earned before the MST degree is completed.

Doctor of Arts
Minimum Semester Hours Required: 96 from the baccalaureate.
Coursework
At least 40 hours must be in mathematics, including 24 semester hours of regular 500-level courses. Mathematics courses must be chosen so that the areas of computer science, differential equations, geometry, logic, and probability and statistics are all represented.

Required Courses: Math 417, 445, 446, 516, 517, 533 and 534; 12 hours in education and math education, including Math 591 and 592; and 8 hours of graduate-level courses in an area of mathematics or a related science, such as physics, philosophy, history of science, or another science approved by the department.

Electives: Restricted to math and/or science. Courses in economics and statistical methods in psychology and education may, under certain conditions, be selected as electives.
Examinations
Students should pass the department’s master’s examination within one year of completion of 24 semester hours. Students who already have a master’s degree upon entering the program must pass the examination within one year of entrance.

Preliminary Examination: Required.
Dissertation
Required. Students must earn at least 20 hours in Math 599.

Doctor of Philosophy
Minimum Semester Hours Required: 96 from the baccalaureate.
Coursework
At least 40 hours must be in 500-level mathematics courses, excluding thesis research (Math 599, MCS 599, or Stat 599).
Examinations
Preliminary Examination: Required.
Dissertation
Required. Students earn at least 32 hours in thesis research (Math 599, MCS 599, or Stat 599).

Other Requirements
The language requirement for each student is decided by the Graduate Studies Committee. The determination is based on the student’s area of interest. In no case will examination in more than one language be required. In those areas in which the primary sources are not in English, a foreign language may not be required.

Philosophy
Mailing Address: Department of Philosophy, 601 South Morgan Street, MC 267, Chicago, IL 60607-7114
Campus Location: 1421 UH
Program Codes: 20F030332MS (MS); 20F030332PHD (PhD)
Telephone: (312) 996-3023
E-mail: val@uic.edu
Chairperson of the Department: W.D. Hart
Director of Graduate Studies: Walter Edelberg
The Department of Philosophy offers work leading to degrees in Philosophy at both the master’s and doctoral levels, and participates in the interdepartmental concentration in Gender and Women’s Studies.
Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions. Prior academic work should include courses in modern formal logic, ethics, history of philosophy, epistemology, metaphysics, and philosophy of science.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

Tests Required: Graduate Record Examination (GRE). Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required, preferably from professors who are familiar with the student’s recent work.

Personal Statement: Required; 250 words; the statement should address the applicant’s past work in philosophy and plans for graduate study.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Arts

Minimum Semester Hours Required: 36.

Coursework
At least 24 hours must be in courses at the 500 level. At least 24 hours must be in courses in the Department of Philosophy, of which at least 20 must at the 500 level (excluding Phil 590–599). Students must receive a “B” or better in one course in the history of philosophy, one course in metaphysics, epistemology, logic, philosophy of science, or philosophy of language, and one course in ethics, political philosophy, or aesthetics.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Coursework-only. No other options available.

Interdepartmental Concentration in Gender and Women’s Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

Doctor of Philosophy

Minimum Semester Hours Required: 96 for students entering with a baccalaureate, and 64 for students entering with a master’s.

Coursework
Students must achieve a grade of B or better in each of fourteen regularly scheduled graduate courses by the end of their third year. At least ten of these must be at the 500-level, or be 400-level logic courses; and at least ten must be in the Department of Philosophy. Phil 590 (Research Seminar) may not be counted more than once toward the fourteen.

Required Courses: A grade of B or better in each of the following courses: Phil 500; three 500-level courses in the history of philosophy (at least one in ancient and one in modern); five 500-level courses (except for logic courses, one of which may be at the 400-level) in (a) metaphysics or epistemology, (b) logic, philosophy of science, or philosophy of language, and (c) ethics or value theory, with at least one of the five courses in each of areas (a), (b), and (c). Phil 500, 593, 590, and 596 may not be used to satisfy these requirements. Third-year students may register for Phil 593 (Independent Research) to prepare for the departmental qualifying exam.

Logic Requirement: A grade of B or better in Phil 210 or above.

Examinations

Departmental Qualifying Examination: Required; the examination consists of a research paper and a written or oral exam within the student’s general area.

Preliminary Examination: Required; performance in courses, departmental qualifying examination, and teaching will be considered in determining whether the student passes the preliminary examination.

Dissertation

Required.

Other Requirements

The language requirement for each student is decided by a department committee of graduate faculty. The determination is based on a consideration of the student’s area of interest. In no case is proficiency in more than two languages required. In those areas in which the primary sources are in English, a foreign language may not be required.

Interdepartmental Concentration in Gender and Women’s Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

Physics

Mailing Address: Department of Physics, 845 West Taylor Street, MC 273, Chicago, IL 60607-7059

Campus Location: 2236 SES

Program Codes: 20FS0240MS (MS); 20FS0240PHD (PhD)

Telephone: (312) 996-3400

E-mail: physics@uic.edu

Head of the Department: Inder Batra

Director of Graduate Studies: Mark Adams

The Department of Physics offers work leading to degrees in Physics at both the master’s and doctoral levels. Experimental and theoretical work leading to a graduate degree is available in the general areas of: atomic, molecular, and laser physics; biophysics; condensed matter and materials physics; high-energy particle physics; and high-energy nuclear physics.

Admission Requirements

Applicants are considered on an individual basis. Complete transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions. Prior academic work must include at least 20 semester hours of physics, including Phys 401, 421, and 441, or the equivalents.
Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Master of Science**

**Minimum Semester Hours Required:** 32.

**Coursework**

At least 20 hours must be at the 500 level, of which no more than 4 hours may be in Phys 596. No more than 8 hours may be in Phys 598 if in thesis option.

**Required Courses:** Phys 501, 502, 511, and 512.

**Comprehensive Examination**

None.

**Thesis, Project, or Coursework-only options**

Thesis or coursework-only. No other options available.

**Thesis:** No more than 8 hours of Phys 598 can be applied to the degree.

**Doctor of Philosophy**

**Minimum Semester Hours Required:** 96 from the baccalaureate.

**Coursework**

At least 36 hours must be in 500-level courses other than Phys 596 and 599.

**Required Courses:** Phys 501, 502, 511, 512, and 561; and at least one complete sequence chosen from among the following: Phys 513 and 514 or Phys 521 and 522 or Phys 531 and 532 or Phys 551 and 552.

**Examinations**

Departmental Qualifying Examination: Required; oral.

Preliminary Examination: Required.

**Dissertation**

Required.

**Other Requirements**

Each student must serve as a teaching assistant for at least two semesters.

**Political Science**

Mailing Address: Department of Political Science, 1007 West Harrison Street, MC 276, Chicago, IL 60607-7137

Campus Location: 1119 BSB

Program Codes: 20FS0343MA (MA); 20FS0343PHD (PhD)

Telephone: (312) 996-8660

E-mail: jnell@uic.edu

Head of the Department: Lyn Ragsdale

Director of Graduate Studies: Dennis Judd

The department of Political Science offers work leading to the Master of Arts in Political Science. An interdepartmental concentration in Gender and Women’s Studies and an interdepartmental concentration in Latin American and Latino Studies are available to students in these programs.

**Admission Requirements**

Applicants are considered on a competitive basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

**Baccalaureate Field:** No restrictions.

**Grade Point Average:** At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

**Tests Required:** GRE general exam is required; GRE Physics subject exam is highly recommended, but not required.

**Minimum TOEFL Score:** 580 (paper-based); 237 (computer-based).

**Letters of Recommendation:** Three required.

**Personal Statement:** Required. The statement should address the applicant’s professional goals.

**Other Requirements:** Students are admitted only in the fall.

**Deadlines**

The application deadline for this program is earlier than the Graduate College deadline: contact the program for more information on current deadlines.

**Degree Requirements**

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Master of Arts**

**Minimum Semester Hours Required:** 32.

**Coursework**

Required Courses: PolS 401, 505, 506, 593*; and one of the following: PolS 504, 551, 560, 570, or 571 for a total of 16 semester hours. Required courses will not be waived.

*In PolS 593 students complete a major research paper under the supervision of two faculty members.

**Electives:** At least 16 additional hours at the 500 level. No more than two courses (8 semester hours) may be taken outside the department.

**Thesis, Project, or Coursework-only options**

Coursework-only. No other options available.

**Interdepartmental Concentration in Gender and Women’s Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

**Interdepartmental Concentration in Latin American and Latino Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Latin American/Latino Studies. Students must take at least 16 hours of course work approved by the student’s advisor for the concentration, of which 4 hours must be the core seminar LALS 501. The remaining 12 hours may come from courses offered by the Latin American/Latino Studies Program or cross-listed courses, or departmental offerings with Latin American or Latino content, or independent study courses chosen in consultation with the advisor. Up to 8 hours may be taken in the home discipline, although students are encouraged to take advantage of the multi-disciplinary nature of the concentration.

**Doctor of Philosophy**

**Minimum Semester Hours Required:** 96 from the baccalaureate.

**Coursework**

Required Courses: PolS 401, 500, 501, 504, 505, 506.

**Examinations**

Preliminary Examination: Required. After successful completion of the required coursework, students, in
conjunction with an advisor, will choose to be examined over two of five traditional subfields (Urban Politics, American Politics, Political Theory, Comparative Politics, and International Relations) and one group of related elective courses (Institutions and Processes; Political Economy and Power; or Identity, Culture and Attitudes). The preliminary exam will consist of a written examination in each of the chosen areas.

**Dissertation**

Required. It is expected that students will submit a full statement of dissertation plans to the dissertation committee no later than the end of the second semester following passage of the preliminary exam. The dissertation prospectus will contain an analysis of the relevant literature, the theoretical issues to be addressed, the data to be used, the methods of analysis, and a statement of the anticipated significance of the research project. Students will not be authorized to proceed with dissertation research until their prospectus has been approved.

**Other Requirements**

In addition to the required courses, the student may also be requested to satisfy an advanced methodology requirement appropriate to the student’s plan of study and approved by the director of graduate studies. Students whose plan of study will require reading or oral proficiency in a foreign language must pass an examination arranged by the department; coursework required to prepare for this examination does not count toward the hours required for the degree.

**Faculty Review:** Within three semesters of entering the program students must demonstrate understanding of core materials by passing a faculty review based on a variety of student performance indicators which may include progress and grades earned, seminar papers and research interests. Before taking the preliminary examination all students must complete an extensive research project. The paper will be evaluated by the project supervisor and one other member of the faculty who has been appointed by the director of graduate studies.

**Interdepartmental Concentration in Gender and Women’s Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

**Interdepartmental Concentration in Latin American and Latino Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Latin American/Latino Studies. Students must take at least 16 hours of course work approved by the student’s advisor for the concentration, of which 4 hours must be the core seminar LALS 501. The remaining 12 hours may come from courses offered by the Latin American/Latino Studies Program or cross-listed courses, or departmental offerings with Latin American or Latino content, or independent study courses chosen in consultation with the advisor. Up to 8 hours may be taken in the home discipline, although students are encouraged to take advantage of the multidisciplinary nature of the concentration. Doctoral students may not apply dissertation credit (599) toward concentration electives. Doctoral students are encouraged, but not required, to elect a dissertation topic related to Latin America or Latinos in the United States.

**Psychology**

_Mailing Address: Department of Psychology, 1007 West Harrison Street, MC 285, Chicago, IL 60607-7137_.

_Campus Location: 1066 BSB_.

_Program Codes: 20FS0338MA (MA); 20FS0338PHD (PhD)_.

_Telephone: (312) 996-2434_.

_E-mail: pscinfo@uic.edu_.

_Choirperson of the Department: Christopher B. Keys_.

_Director of Graduate Studies: Olga Reyes_.

The Department of Psychology offers work leading to the Doctor of Philosophy degree in Psychology, with the Master of Arts degree earned as part of this program. The department’s goal is to produce scholars and researchers who will contribute to the growth of psychological knowledge, whether they work in academic or applied settings. Students must major in one of five divisions (Biopsychology, Clinical, Cognitive, Community and Prevention Research, and Social and Personality). All students must satisfy the requirements of their major division as well as an approved minor area. In addition to the major divisions, there are training opportunities in quantitative psychology, psychology and law, health psychology, preventive intervention and urban children’s mental health, cognitive science, and disorders of development. An interdepartmental specialization in neuroscience is available, as is an interdepartmental concentration in Gender and Women’s Studies. The framework of a student’s program is determined by the major/minor combination that is selected. Within that framework, students in consultation with their advisors construct programs individually tailored to their research interests and career goals. The department also offers coursework in instructional psychology and practicum opportunities to develop college-level teaching skills.

**Admission Requirements**

The department accepts only applicants who wish to be candidates for the PhD. Applicants are not admitted as candidates for the MA as a terminal degree. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field:** No restrictions. Prior academic work must include the equivalent of 18 semester hours in psychology, including statistics and a laboratory course in experimental psychology; one year of college mathematics; and one year of laboratory courses in physical and/or biological sciences.

- **Grade Point Average:** At least 3.20 (A = 4.00) for the last 60 semester (90 quarter) hours of undergraduate work.

- **Tests Required:** GRE general and GRE subject test in psychology. Verbal, quantitative, and subject test scores should be at least 600 each.

- **Minimum TOEFL Score:** 550 (paper-based); 213 (computer-based).

- **Letters of Recommendation:** Three required from faculty members, preferably psychologists, who are familiar with the applicant’s training and ability. Information concerning an applicant’s research experience and ability is especially pertinent.

- **Personal Statement:** Required.

- **Other Requirements:** Applicants must complete all forms contained in the department’s application packet.

**Nondegree Applicants**

Rarely accepted. Nondegree applicants must submit all credentials and meet the same admission requirements as degree applicants. The department only accepts nondegree applicants who have exceptional credentials and who desire to take a few specific courses for professional purposes. Nondegree students may not take practicum or individual
study courses. Nondegree students will not be admitted to the degree program at a later time.

**Deadlines**
Students may start the program only in the fall semester. Complete applications must be received by January 2.

**Degree Requirements**

**Master of Arts**

**Minimum Semester Hours Required:** 32.

**Coursework**
At least 9 semester hours must be in one of the five divisions. The exact program will be established by the division.

**Required Courses:** Psch 543, 545, and 5 hours of Psch 591.

**Comprehensive Examination**
None.

**Thesis, Project, or Coursework-only options**
Thesis required. No other options available.

**Interdepartmental Concentration in Gender and Women’s Studies**
Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate advisor. Students pursuing this concentration must complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

**Doctor of Philosophy**

**Minimum Semester Hours Required:** 96 from the baccalaureate.

**Coursework**
The specific distribution of courses will depend on the student’s area of interest; students must complete the major of one of the five divisions as well as a minor requirement.

**Required Courses:** Psch 505, 543, and 545.

**Examinations**
Preliminary Examination: Required; the examination depends on the major and minor.

**Dissertation**
Required.

**Interdepartmental Specialization in Neuroscience**
In addition to meeting the above requirements for the PhD in Psychology, students pursuing a specialization in neuroscience must take Neus 580, 582, and 583, and at least 8 additional hours of approved neuroscience courses other than research and independent study. Of these 8 hours, at least 5 must be outside of the student’s major department and must be divided among at least two other departments. They must submit the topic of their dissertation to the Curriculum Subcommittee of the Committee on Neuroscience for approval no later than the time of the preliminary examination.

**Interdepartmental Concentration in Gender and Women’s Studies**
Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies graduate faculty member, preferably within the Program and obtain approval from a Gender and Women’s Studies advisor. Students pursuing this concentration must complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

**Slavic Languages and Literatures (PhD)**

**Mailing Address:** Department of Slavic and Baltic Languages and Literatures, 601 South Morgan Street, MC 306, Chicago, IL 60607-7116

**Campus Location:** 1628 UH

**Program Code:** 20FS0302PHD

**Telephone:** (312) 996-4412

**E-mail:** slavbalt@uic.edu

**Head of the Department:** Alfred Thomas

**Director of Graduate Studies:** Olga Nedeljkovic

The Department of Slavic and Baltic Languages and Literatures offers work leading to the PhD in Slavic Languages and Literatures. Specializations are available in Russian, Ukrainian, Polish, Serbian, and Lithuanian language and literature. An interdepartmental concentration in Gender and Women’s Studies is available to students in these five areas. The department also offers a program leading to the MA in Slavic Studies; consult the appropriate chapter in this catalog for more information.

**Admission Requirements**
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

**Prior Degrees:** Applicants must have a master’s degree from an accredited institution or the equivalent from a foreign institution. Students who enter with a master’s degree or the equivalent from an institution other than UIC or from another discipline may be granted limited standing until they pass a qualifying examination during the second term after admission as graduate students. Upon the recommendation of the examination committee, the examination may be retaken only once, and before the end of the third term.

**Grade Point Average:** At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study and for all graduate work.

**Tests Required:** GRE general.

**Minimum TOEFL Score:** 550 (paper-based); 213 (computer-based).

**Letters of Recommendation:** Three required.

**Personal Statement:** Required; 300 words, in the language of the applicant’s intended area; the statement should summarize the applicant’s scholastic experience and career objectives.

**Degree Requirements**

**Minimum Semester Hours Required:** 64 from the master’s degree.

**Coursework**
At least 44 hours (11 courses) must be in the student’s major area, of which at least 28 hours (7 courses) must be at the 500 level. No more than 20 hours of Slav 599 can be applied to the degree.

**Doctoral students in Slavic literatures** will major in one Slavic literature of their choice and minor in another from a different Slavic language family (e.g., Polish and Serbian, Russian and Polish, or Ukrainian and Polish), complementing their literary training with sound preparation in both languages.

**Doctoral students in Slavic linguistics** will major in one Slavic language of their choice and minor in another from a different Slavic language family (e.g., Russian and Polish, or Polish and Serbian), complementing their linguistic training with sound preparation in the literatures of both areas.

**Doctoral students in Lithuanian literature** will major in Lithuanian literature and minor in a Slavic, Germanic, or
Required Courses: Students in the Slavic literatures and Slavic linguistics tracks must take Slav 505 (4 hours), and either Russ 510, Pol 510, Slav 510, or Slav 530 (depending on the student’s major). Students in the Lithuanian literature track must take Lith 510 (4 hours).

Electives: In addition to the required courses, students must also take the following electives, which vary by specialization:

Slavic literatures—Six courses (24 hours) in the major literature; two courses (8 hours) in the minor literature; and one course (4 hours) in the major or minor language or Slavic linguistics.

Slavic linguistics—Four courses (16 hours) in the major language; two courses (8 hours) in the minor language; three courses (12 hours) in the major literature or two courses (8 hours) in the major literature and one course (4 hours) in the minor literature.

Lithuanian literature—Six courses (24 hours) in Lithuanian literature; two courses (8 hours) in the minor literature; two courses (8 hours) in Lithuanian language, general linguistics, and the minor language, of which at least one must be in the minor language.

With the concurrence of their advisor and the approval of the departmental graduate committee, doctoral students may substitute up to two courses (8 hours) in their major or minor with coursework in any academic discipline relevant to their specific career goals.

Examinations

Preliminary Examination: Required. After at least one semester in residence, students select a major advisor from the departmental graduate faculty in their area. When students have completed their coursework and passed the reading proficiency test in French or German, the advisor and four additional members of the graduate faculty (at least four of whom must hold full membership in the Graduate College) will be appointed by the Dean of the Graduate College on the recommendation of the departmental director of graduate studies to serve as a preliminary doctoral examination committee. The committee will ordinarily be chaired by the student’s major advisor.

With the exception of the Lithuanian program, no more than two faculty members from outside the graduate faculty of the department may be invited to serve on an examining committee. The outside members must be distinguished scholars who currently hold tenured appointments and have graduate standing in a department with a PhD program. All invitations must be approved by the departmental graduate committee composed of all the graduate faculty members in the department.

The examining committee must be formally proposed by the student to the director of graduate studies no less than five weeks before the date planned for the preliminary examination.

Dissertation

Required. No more than 20 hours of Slav 599 can be applied to the degree. Students who have passed the preliminary exam and been admitted to doctoral candidacy must prepare and defend a doctoral dissertation produced under the guidance of a member of the department’s graduate faculty, chosen by the candidate and approved by the director of graduate studies. The completed dissertation will be defended in an oral examination before a committee of at least five persons, of whom at least four must be full members of the graduate faculty. This committee (which will include the candidate’s dissertation advisor) will be appointed by the dean of the Graduate College on the recommendation of the director of graduate studies and will ordinarily be chaired by the student’s dissertation advisor.

Other Requirements

All doctoral students must demonstrate an adequate reading knowledge of either French or German before they attempt their written preliminary doctoral examination. Students in Lithuanian studies may elect Russian or Spanish instead of French or German.

Interdepartmental Concentration in Gender and Women’s Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

Slavic Studies (MA)

Mailing Address: Department of Slavic and Baltic Languages and Literatures, 601 South Morgan Street, MC 306, Chicago, IL 60607-7116

Campus Location: 1628 UH

Program Code: 20FS1684MA

Telephone: (312) 996-4412

E-mail: slavbalt@uic.edu

Head of the Department: Alfred Thomas

Director of Graduate Studies: Olga Nedeljkovic

The Department of Slavic and Baltic Languages and Literatures offers work leading to the MA in Slavic Studies with specializations in Russian language and literature, Polish language and literature, Serbian language and literature, Ukrainian language and literature, Slavic linguistics, and Lithuanian language and literature. Students who desire to prepare for high school teaching but have not earned state certification during their undergraduate program can, in conjunction with their advisors, elect a program in either languages or literatures that would also include the additional coursework required for certification. An interdepartmental concentration in Gender and Women’s Studies is available to students in this program. The department also offers work leading to the PhD in Slavic Languages and Literatures: consult the appropriate chapter in this catalog for more information.

Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions. Applicants without a substantial background in Slavic or Baltic languages and literatures will be considered for admission on limited status only and required to remedy their deficiencies within a reasonable length of time before being granted full standing in the graduate program. Ordinarily an adequate background should include at least 9 semester (12 quarter) hours of upper division undergraduate work broadly pertinent to the applicant’s intended graduate concentration and the level of fluency in the relevant Slavic or Baltic language equivalent to that attained in advanced conversation and composition courses offered by the department.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study and for all graduate work.

Tests Required: GRE general.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required; 300 words, in the language of the applicant’s intended specialization; the statement should include at least 9 semester (12 quarter) hours of upper division undergraduate work broadly pertinent to the applicant’s intended graduate concentration and the level of fluency in the relevant Slavic or Baltic language equivalent to that attained in advanced conversation and composition courses offered by the department.

Campus Location: 1628 UH

Program Code: 20FS1684MA

Telephone: (312) 996-4412

E-mail: slavbalt@uic.edu

Head of the Department: Alfred Thomas

Director of Graduate Studies: Olga Nedeljkovic

The Department of Slavic and Baltic Languages and Literatures offers work leading to the MA in Slavic Studies with specializations in Russian language and literature, Polish language and literature, Serbian language and literature, Ukrainian language and literature, Slavic linguistics, and Lithuanian language and literature. Students who desire to prepare for high school teaching but have not earned state certification during their undergraduate program can, in conjunction with their advisors, elect a program in either languages or literatures that would also include the additional coursework required for certification. An interdepartmental concentration in Gender and Women’s Studies is available to students in this program. The department also offers work leading to the PhD in Slavic Languages and Literatures: consult the appropriate chapter in this catalog for more information.

Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions. Applicants without a substantial background in Slavic or Baltic languages and literatures will be considered for admission on limited status only and required to remedy their deficiencies within a reasonable length of time before being granted full standing in the graduate program. Ordinarily an adequate background should include at least 9 semester (12 quarter) hours of upper division undergraduate work broadly pertinent to the applicant’s intended graduate concentration and the level of fluency in the relevant Slavic or Baltic language equivalent to that attained in advanced conversation and composition courses offered by the department.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study and for all graduate work.

Tests Required: GRE general.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required; 300 words, in the language of the applicant’s intended specialization; the statement should include at least 9 semester (12 quarter) hours of upper division undergraduate work broadly pertinent to the applicant’s intended graduate concentration and the level of fluency in the relevant Slavic or Baltic language equivalent to that attained in advanced conversation and composition courses offered by the department.

Campus Location: 1628 UH

Program Code: 20FS1684MA

Telephone: (312) 996-4412

E-mail: slavbalt@uic.edu

Head of the Department: Alfred Thomas

Director of Graduate Studies: Olga Nedeljkovic

The Department of Slavic and Baltic Languages and Literatures offers work leading to the MA in Slavic Studies with specializations in Russian language and literature, Polish language and literature, Serbian language and literature, Ukrainian language and literature, Slavic linguistics, and Lithuanian language and literature. Students who desire to prepare for high school teaching but have not earned state certification during their undergraduate program can, in conjunction with their advisors, elect a program in either languages or literatures that would also include the additional coursework required for certification. An interdepartmental concentration in Gender and Women’s Studies is available to students in this program. The department also offers work leading to the PhD in Slavic Languages and Literatures: consult the appropriate chapter in this catalog for more information.

Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions. Applicants without a substantial background in Slavic or Baltic languages and literatures will be considered for admission on limited status only and required to remedy their deficiencies within a reasonable length of time before being granted full standing in the graduate program. Ordinarily an adequate background should include at least 9 semester (12 quarter) hours of upper division undergraduate work broadly pertinent to the applicant’s intended graduate concentration and the level of fluency in the relevant Slavic or Baltic language equivalent to that attained in advanced conversation and composition courses offered by the department.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study and for all graduate work.

Tests Required: GRE general.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required; 300 words, in the language of the applicant’s intended specialization; the statement should include at least 9 semester (12 quarter) hours of upper division undergraduate work broadly pertinent to the applicant’s intended graduate concentration and the level of fluency in the relevant Slavic or Baltic language equivalent to that attained in advanced conversation and composition courses offered by the department.
should summarize the applicant’s scholastic experience and career objectives.

**Degree Requirements**

**Minimum Semester Hours Required:** 36.

**Coursework**

**Required Courses:** Students in all areas of specialization are required to take the course on the structure of the language in their area (Russ 410, Pol 410, Slav 410, Slav 530, or Lith 410). Students who have taken such a course prior to enrolling in the MA program must substitute the appropriate 515 course.

**Electives:** In addition to the required course, students must take eight electives in their area of specialization, of which at least three must be at the 500 level. For literature majors, six courses (24 hours) must be in literature and two courses (8 hours) must be in linguistics. For language majors, five courses (20 hours) must be in linguistics and three courses (12 hours) must be in literature.

**Comprehensive Examination**

Required; written and oral.

**Thesis, Project, or Coursework-only options**

Coursework-only. No other options available.

**Other Requirements**

Coursework required for certification in high school teaching is in addition to the above departmental MA requirements.

**Interdepartmental Concentration in Gender and Women’s Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

**Sociology**

**Mailing Address:** Department of Sociology, 1007 West Harrison Street, MC 312, Chicago, IL 60607-7140

**Campus Location:** 4112 BSB

**Program Codes:** 20FS0344MA (MA); 20FS0344PHD (PhD)

**Telephone:** (312) 996-3005

**E-mail:** gradsoc@uic.edu

**Head of the Department:** William P. Bridges

**Director of Graduate Studies:** Xiangming Chen

The Department of Sociology offers work leading to degrees in sociology at both the master’s and doctoral levels. Coursework and research leading to a graduate degree is available in general or applied sociology at the MA level, and sociology of health and illness; work, labor markets and organizations; race and ethnicity; and international/comparative/Asian societies at the PhD level. An interdepartmental concentration in Gender and Women’s Studies and an interdepartmental concentration in Latin American and Latino Studies are available to students in this program.

**Admission Requirements**

Applicants are considered on an individual basis. Complete transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

**Master of Arts**

**Baccalaureate Field:** No restrictions. Prior work in social science and sociology is recommended.

**Grade Point Average:** At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study, and at least 3.50 for any previous graduate work.

**Tests Required:** GRE general test.

**Minimum TOEFL Score:** 550 (paper-based); 213 (computer-based).

**Letters of Recommendation:** Three required from former professors or others best able to judge the applicant’s aptitude and potential for sociological research.

**Personal Statement:** Required.

**Doctor of Philosophy**

**Prior Degrees:** A master’s degree in sociology or equivalent is required. Doctoral applicants who do not already have a master’s degree in sociology will obtain a master’s degree as they complete requirements for the doctorate.

**Grade Point Average:** At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study, and at least 3.50 for any previous graduate work.

**Tests Required:** GRE general test.

**Minimum TOEFL Score:** 550 (paper-based); 213 (computer-based).

**Letters of Recommendation:** Three required; at least two should be from professors at the university where the master’s degree was obtained.

**Personal Statement:** Required.

**Degree Requirements**

**Master of Arts**

**Minimum Semester Hours Required:** 32–40, depending on the student’s level of preparation.

**Coursework**

**Required Courses:** Soc 401, 402, 500, and 501; one course in sociological theory (e.g., Soc 485, 487, or 488); one course in social organization (e.g., Soc 441 or 447); and one course in social psychology or population (e.g., Soc 410, 451, 471, or 473). Students may petition the graduate committee to apply up to 8 hours of comparable coursework taken prior to admission toward the course requirements in sociological theory, social organization, and social psychology or population.

**Electives:** Two 4-hour, 500-level seminars in sociology, excluding Soc 593 and 595. Students may petition the graduate committee to apply one seminar taken outside the department to the sociology seminar requirement. In this case, a 3-hour seminar may count toward this requirement.

**Comprehensive Examination**

None.

**Thesis, Project, or Coursework-only options**

Project or coursework-only. No other options available.

**Other Requirements**

Applied sociology students must complete an internship.

**Interdepartmental Concentration in Gender and Women’s Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.
Interdepartmental Concentration in Latin American and Latino Studies
Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Latin American/Latino Studies. Students must take at least 16 hours of course work approved by the student’s advisor for the concentration, of which 4 hours must be the core seminar LALS 501. The remaining 12 hours may come from courses offered by the Latin American/Latino Studies Program or cross-listed courses, or departmental offerings with Latin American or Latino content, or independent study courses chosen in consultation with the advisor. Up to 8 hours may be taken in the home discipline, although students are encouraged to take advantage of the multi-disciplinary nature of the concentration.

Doctor of Philosophy
Minimum Semester Hours Required: 40–48 hours of coursework beyond the M.A.; 16-24 dissertation research hours. The minimum number of hours beyond the baccalaureate is 96.
Coursework
Required courses: M.A. in Sociology course requirements (32–40 hours depending on the student’s level of preparation). Students with an M.A. from another institution must satisfy UIC sociology M.A. requirements. The graduate director will evaluate student’s prior preparation and performance in satisfying these requirements.
Soc 509 (Seminar: Sociological Research Methods) is required.
16 hours of 500-level seminars which may include Soc 509. (These are in addition to the 8 hours of 500-level seminars required for the M.A.) Depending on specialty requirements, these may include seminars outside the department. Students choosing one major specialty must complete 16 hours in that specialty. Students choosing a major specialty and a minor specialty must complete 12 hours in the major and 8 hours in the minor. Students should consult the department for current requirements in each specialty.
Remaining hours shall be chosen in consultation with the student’s advisor.

Examinations
Departmental Qualifying Examination: None.
Preliminary Examination: Required; the examination is comprised of an examination in a major specialty (or in a major and a minor specialty) and defense of the dissertation proposal.
Dissertation
Required.
Interdepartmental Concentration in Gender and Women’s Studies
Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.
Interdepartmental Concentration in Latin American and Latino Studies
Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Latin American/Latino Studies. Students must take at least 16 hours of course work approved by the student’s advisor for the concentration, of which 4 hours must be the core seminar LALS 501. The remaining 12 hours may come from courses offered by the Latin American/Latino Studies Program or cross-listed courses, or departmental offerings with Latin American or Latino content, or independent study courses chosen in consultation with the advisor. Up to 8 hours may be taken in the home discipline, although students are encouraged to take advantage of the multi-disciplinary nature of the concentration. Doctoral students may not apply dissertation credit (599) toward concentration electives. Doctoral students are encouraged, but not required, to elect a dissertation topic related to Latin America or Latinos in the United States.
College of Medicine

Anatomy and Cell Biology
Mailing Address: Department of Anatomy and Cell Biology, 808 South Wood Street, MC 512, Chicago, IL 60612-7308
Campus Location: 578 CME
Program Codes: 20FS1024MS (MS); 20FS1024PHD (PhD)
Telephone: (312) 996-6791
E-mail: conwell@uic.edu
Head of the Department: Scott T. Brady
Director of Graduate Studies: Conwell Anderson

The Department of Anatomy and Cell Biology offers work leading to degrees in Anatomy and Cell Biology at the doctoral levels, and participates in the MD/PhD joint degree program (see the MD/PhD section for more information). Areas of study include neurobiology, cell biology, and developmental biology. There is a strong emphasis on interdisciplinary studies that examine the relationship between structure and function. Research leading to a graduate degree is available in the following areas: neurobiology of the synapse, axonal transport, cytoskeleton, and response to stress; sensory systems; neuroplasticity, cell motility, connective tissue and stem cell biology. An interdepartmental specialization in neuroscience is available to doctoral students.

Admission Requirements
Applicants are considered on an individual basis. Transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: Biology or a closely related field.

Students who have majored in other fields may be admitted if they show substantial evidence of ability to complete the program.

Grade Point Average: At least 3.75 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

Tests Required: GRE general.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required; the statement must address the applicant’s research interests and career goals.

Other Requirements: Preference for admission is given to students who intend to complete a doctoral program.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science
Minimum Semester Hours Required: 32.

Coursework
All students must take or show proficiency in Anat 403, 439, 440, and 442, and a 400-level course in Biochemistry. At least 10 semester hours must be in 500-level didactic courses, of which 6 hours must be in the department and 4 hours must be from other departments.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Thesis required. No other options available.

Other Requirements
All graduate students must serve as laboratory teaching assistants one year.

Doctor of Philosophy
Minimum Semester Hours Required: 96 from the baccalaureate.

Coursework
All students must take or show proficiency in Anat 403, 439, 440, and 442; a 400-level course in Biochemistry; and PhyB 401 and 402. At least 10 semester hours must be in 500-level didactic courses, of which 6 hours must be in the department and 4 hours must be from other departments.

Examinations
Preliminary Examination: Required; written and oral.

Dissertation
Required.

Other Requirements
All graduate students must serve as laboratory teaching assistants each year.

Interdepartmental Specialization in Neuroscience
In addition to meeting the above requirements, students pursuing the interdepartmental specialization in neuroscience must take Neus 580, 582, and 583, and at least 8 additional hours of approved neuroscience courses other than research and independent study. Of these 8 hours, at least 5 must be outside of the student’s major department and must be divided among at least two other departments. They must submit the topic of their dissertation to the Curriculum Subcommittee of the Committee on Neuroscience for approval no later than the time of the preliminary examination.

Biochemistry and Molecular Genetics
Mailing Address: Department of Biochemistry and Molecular Genetics, 900 South Ashland Avenue, MC 669, Chicago, IL 60607-7170
Campus Location: 2150 MBRB
Program Codes: (to be determined)
Telephone: (312) 996-6984
E-mail: phyllisg@uic.edu
Head of the Department: Jack Kaplan
Co-Directors of Graduate Studies: Karen J. Colley, Lester F. Lau

The Department of Biochemistry and Molecular Genetics offers work leading to the Master of Science and Doctor of Philosophy degrees in Biochemistry and Molecular Genetics, and participates in the MD/PhD (see the MD/PhD section for more information) and DDS/PhD joint degree programs. The department has active, well-funded research programs in the molecular biology of growth and development, oncogenesis, metabolic regulation, macromolecular structure and function, signal transduction, and the biochemical basis of diseases. An interdepartmental specialization in neuroscience is available to doctoral students.

Admission Requirements
In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: No restrictions. Prior academic work should include 16 semester hours of chemistry (including organic chemistry, physical chemistry, and quantitative analysis), at least one advanced course in biology, and 6 semester hours of formal course work at the college level in French, German, Russian, or Spanish.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

Tests Required: Graduate Record Examination (GRE) or Medical College Admissions Tests (MCAT).

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Required.

Personal Statement: Required.

Deadlines
The application deadline for this program is earlier than the Graduate College deadline; contact the program for information on current deadlines.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:
Master of Science
Minimum Semester Hours Required: 32.
Coursework
Two tracks (thesis and non-thesis) are available to students in this program.

Required Courses: Bche 460, 520, 561 or 562, two semesters of 595, and 598. Students enrolled in the non-thesis track must also take Bche 521 and both Bche 561 and 562, and are not required to take 598 (note that students enrolled in the thesis track take either Bche 561 or 562).

Electives: Must include at least 2 additional 500-level courses, the choice of which must be approved by the department’s graduate committee.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Thesis or coursework-only. No other options available.

Thesis: Thesis students must earn at least 12 semester hours in Bche 598.

Other Requirements
Supervised part-time teaching experiences during one term of each year are regularly assigned to students in the program.

Doctor of Philosophy
Minimum Semester Hours Required: 96 from the baccalaureate.

Coursework
Required Courses: BChe 460, 520, 521, 522, 561, 562, 563, seven semesters of 595, and 599.

Electives: Must include at least two additional 500-level courses in related disciplines, the choice of which must be approved by the department’s graduate committee.

Examinations
Preliminary Examination: An oral examination that includes written and general knowledge components is required.

Dissertation
Required.

Other Requirements
Supervised part-time teaching experiences during one term of each year are regularly assigned to students in the program. The department requires every degree candidate to fulfill teaching assignments, regardless of the source of financial support for the student.

Interdepartmental Specialization in Neuroscience
In addition to meeting the above requirements, students pursuing a specialization in neuroscience must take Neus 580, 582, and 583, and at least 8 additional hours of approved neuroscience courses other than research and independent study. Of these 8 hours, at least 5 must be outside of the student’s major department and must be divided among at least two other departments. They must submit the topic of their dissertation to the Curriculum Subcommittee of the Committee on Neuroscience for approval no later than the time of the preliminary examination.

Health Professions Education
Mailing Address: Department of Medical Education, 808 South Wood Street, MC 591, Chicago, IL 60612-7309

Campus Location: 906 CME
Program Code: 20FS1306MHPE
Telephone: (312) 996-3590
E-mail: IBHarris@uic.edu

Head of the Department: Leslie J. Sandlow
Director of Graduate Studies: Ilene Harris

The Department of Medical Education offers a program of studies leading to the Master of Health Professions Education (MHPE) degree. The purpose of the MHPE program is to provide the training necessary to produce effective leaders in health professions education. Disciplinary and interdisciplinary offerings are available on topics related to curriculum, competence assessment, program evaluation, primary care education, clinical decision making, medical informatics, medical humanities, health care finance and organization, and management and leadership in health professions education.

Admissions Requirements
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: Applicants must hold a baccalaureate degree or an advanced professional degree in a health professions discipline.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.

Tests Required: None.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required; the statement should address the applicant’s professional goals.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 32.

Coursework
Required Courses: MHPE 501, 502, 503, and 504. Students who elect the project option must also take 4 semester hours in a content area related to their project.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Thesis or project. No other options available.

Thesis: Thesis students must earn at least 6 hours in MHPE 598; no more than 10 hours of MHPE 598 can be applied to the degree.

Project: Students who elect the project option must earn at least 4 hours in MHPE 597; no more than 6 hours of MHPE 597 can be applied to the degree.

MD/PhD Program
Mailing Address: MD/PhD Program, College of Medicine c/o Office of the Dean (MC 784), 1853 West Polk Street, Chicago, IL 60612

Campus Location: Suite 3000 CSN
Telephone: (312) 996-7473
E-mail: Roberta@uic.edu

Program Director: Larry S. Tobacman
Program Coordinator: Roberta L. Bernstein

The University of Illinois at Chicago (UIC) College of Medicine offers a select number of students the opportunity to work toward both the MD and PhD degrees. The objective of the Program is to train students for careers in academic medicine and research. Students admitted to this highly competitive program participate in the medical school curriculum and pursue original doctoral research projects in the laboratories of the University’s graduate faculty.

The first two years of the Program are used to complete the M-1 and M-2 years of the medical curriculum. Students enter “at large,” that is, without affiliation to a particular graduate department. During this time, they may explore research opportunities in any academic department of the College of Medicine and selected graduate departments. A series of seminars designed for new MD/PhD students provides an overview of opportunities for research. After admission, the students complete three rotations through the laboratories of several potential advisors before a choice is made. An ongoing series of seminars is presented to MD/PhD students in all stages of the Program by the faculty and invited physician-scientists from other academic health science centers. These seminars enhance the students’ general knowledge and help to develop new approaches toward the investigation of problems in biomedical research. The seminar
series, along with the annual research day and other gatherings with faculty, serve to bring together trainees and preceptors.

Choice of a permanent thesis advisor and graduate department take place by the end of the second year. Students in the graduate phase of the Program work side-by-side with PhD students in the basic sciences and meet all departmental requirements for the PhD degree. Original publications and presentations at national biomedical science meetings are often accomplished.

In the PhD phase of the Program, students may associate with one of the five basic science departments of the College of Medicine (see descriptions in this section), or with the Department of Bioengineering in the College of Engineering, the Center for Pharmaceutical Biotechnology, the School of Public Health, or any other department or school of science in the University.

In the final two years of the Program, MD/PhD candidates rejoin other medical students to complete the remaining medical school requirements. Third- and fourth-year clerkships include medicine, surgery, pediatrics, obstetrics and gynecology, neurology and psychiatry, among other disciplines.

Graduates of the Program have routinely gained admission to the most competitive residency programs at many of the premier academic institutions in the country.

**Admission Requirements**

Application to the Program requires completion of both the MD/PhD application and application through AMCAS to the University of Illinois College of Medicine. The application form is available on the Program’s website: www.uic.edu/com/mdphd. It is recommended that applicants request 1 or 2 additional letters of recommendation to be sent directly to the Program which focus on the applicant’s research experience. The MCAT examination, which is required for COM application, is accepted by the MD/PhD Program in lieu of the GRE examination. Students should apply in the autumn of the year preceding admission to provide the fullest opportunity for consideration, since a rolling admissions procedure is used. A personal interview will be scheduled for each applicant under final consideration for admission.

Application to the Program is normally made at the time of application to the College of Medicine. However, candidates will also be considered during their first two years of medical training. Admission to the Program requires acceptance by the Admissions Committees of both of the MD/PhD Program and the College of Medicine. Criteria for admission to the Program include academic excellence, prior research experience, potential for independent and creative research, and commitment to a career in academic medicine. Laboratory work concentrating in biology, chemistry, physics, biophysics, or behavioral sciences is helpful in preparing for study in the MD/PhD Program. The admissions policy is flexible enough to accommodate those students who have already identified the field in which they wish to carry out research as well as those who are still undecided about their areas of research specialization. Admission to the MD/PhD Training Program is open to U.S. citizens or permanent residents.

**Degree Requirements**

Students in the Program must complete all the requirements of the College of Medicine for the MD degree and all the requirements of their chosen research department for the PhD degree. They must complete and successfully defend their PhD dissertation before returning to the medical school for the M3 and M4 years.

**Microbiology and Immunology**

Mailing Address: Department of Microbiology and Immunology, 835 South Wolcott Avenue, MC 790, Chicago, IL 60612-7344
**Admission Requirements**

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field:** No restrictions. Prior academic work should include chemistry, biology, physics, and math. Biochemistry and physiology are also helpful.
- **Grade Point Average:** At least 2.75 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.
- **Tests Required:** GRE general. Applicants must have a combined verbal and quantitative GRE score of at least 1100.
- **Minimum TOEFL Score:** 550 (paper-based); 213 (computer-based).
- **Letters of Recommendation:** Required.
- **Personal Statement:** Required. One page summarizing past academic and research experience (if any) and motivation for pursuing a PhD in Pharmacology.

**Nondegree Applicants**

Nondegree applicants must show adequate preparation to enroll in desired courses and must obtain the permission of the director of graduate studies.

**Master of Science Applicants**

The department does not admit students to a master’s program. A student in the PhD program may be awarded a terminal master’s degree if he or she decides not to complete the PhD, provided enough research has been accomplished to write and defend a thesis.

**Degree Requirements**

**Master of Science**

**Minimum Semester Hours Required:** 32.

**Coursework**

**Required Courses:** All students must take or show proficiency in GCLS 501, 502, 503, 504, 505, 510. In addition, students must take GCLS 515 (replaces Pcol 505) and Pcol 425. Students must also register for Pcol 595 and 599 each semester.

**Comprehensive Examination**

None.

**Thesis, Project, or Coursework-only options**

Thesis required. No other options available.

**Other Requirements**

Students may be called upon to assist in aspects of teaching and research activities of the department. Students are expected to attend special seminars sponsored by the department.

**Doctor of Philosophy**

**Minimum Semester Hours Required:** 96 from the baccalaureate.

**Coursework**

At least 27 hours must be in didactic courses, and at least 6 hours must be in 500-level courses in the department.

**Required Courses:** Pcol 425 and 505. Students must also register in Pcol 595 each semester.

**Examinations**

**Preliminary Examination:** Required.

**Dissertation**

Required.

**Other Requirements**

All graduate students must participate in the teaching of laboratory and conference sessions for medical and dental students, and may be called upon to assist in other aspects of the teaching and research activities of the department.

Students are expected to attend special seminars sponsored by the department.

**Interdepartmental Specialization in Neuroscience**

In addition to meeting the above requirements, students pursuing a specialization in neuroscience must take Neus 580, 582, and 583, and at least 8 additional hours of approved neuroscience courses other than research and independent study. Of these 8 hours, at least 5 must be outside of the student’s major department and must be divided among at least two other departments. They must submit the topic of their dissertation to the Curriculum Subcommittee of the Committee on Neuroscience for approval no later than the time of the preliminary examination.

**Physiology and Biophysics**

**Mailing Address:** Department of Physiology and Biophysics, 835 South Wolcott Avenue, MC 901, Chicago, IL 60612-7342

**Campus Location:** E202 MSB

**Program Codes:** 20FS1584MS (MS); 20FS1584PHD (PhD)

**Telephone:** (312) 996-7620

**E-mail:** mgjfl@uic.edu

**Director of Graduate Studies:** R. John Solaro

**Head of the Department:** R. John Solaro

**Program Codes:** 20FS1584MS (MS); 20FS1584PHD (PhD)

**Telephone:** (312) 996-7620

**E-mail:** mgjfl@uic.edu

**Head of the Department:** R. John Solaro

**Director of Graduate Studies:** Dale B. Hales

**Degree Requirements**

**Master of Science**

**Minimum Semester Hours Required:** 32.

**Coursework**

**Required Courses:** All students must take or show proficiency in GCLS 501, 502, 503, 504, 505, 510. In addition, students must take GCLS 515 (replaces Pcol 505) and Pcol 425. Students must also register for Pcol 595 and 599 each semester.

**Comprehensive Examination**

None.

**Thesis, Project, or Coursework-only options**

Thesis required. No other options available.

**Other Requirements**

Students may be called upon to assist in aspects of teaching and research activities of the department. Students are expected to attend special seminars sponsored by the department.

**Doctor of Philosophy**

**Minimum Semester Hours Required:** 96 from the baccalaureate.

**Coursework**

At least 27 hours must be in didactic courses, and at least 6 hours must be in 500-level courses in the department.

**Required Courses:** Pcol 425 and 505. Students must also register in Pcol 595 each semester.

**Examinations**

**Preliminary Examination:** Required.

**Dissertation**

Required.

**Other Requirements**

All graduate students must participate in the teaching of laboratory and conference sessions for medical and dental students, and may be called upon to assist in other aspects of the teaching and research activities of the department.

Students are expected to attend special seminars sponsored by the department.

**Interdepartmental Specialization in Neuroscience**

In addition to meeting the above requirements, students pursuing a specialization in neuroscience must take Neus 580, 582, and 583, and at least 8 additional hours of approved neuroscience courses other than research and independent study. Of these 8 hours, at least 5 must be outside of the student’s major department and must be divided among at least two other departments. They must submit the topic of their dissertation to the Curriculum Subcommittee of the Committee on Neuroscience for approval no later than the time of the preliminary examination.
Admission Requirements
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field:** No restrictions. Prior academic work should include college mathematics through calculus, physics, biology, organic chemistry, and physical chemistry.
- **Grade Point Average:** At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.
- **Tests Required:** GRE general.
- **Minimum TOEFL Score:** 550 (paper-based); 213 (computer-based).
- **Letters of Recommendation:** Three required.
- **Personal Statement:** Required.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science
**Minimum Semester Hours Required:** 32.

Coursework
**Required Courses:** PhyB 401, 402, 595, and 598. Students must also register for PhyB 591 each fall and spring semester after the first year they are enrolled in the graduate program. All students must take or show proficiency in GCLS 501, 502, 503, 504, 505, and 510.

Comprehensive Examination
Required.

The thesis, Project, or Coursework-only options
Thesis required. No other options available.

Other Requirements
All graduate students must participate in the teaching programs of the department.

Doctor of Philosophy
**Minimum Semester Hours Required:** 96 from the baccalaureate.

Coursework
**Required Courses:** PhyB 401, 402, 586, 595, 599, and two additional 500-level courses. Students must also register for PhyB 591 each fall and spring semester after the first year that they are enrolled in the graduate program. All students must take or show proficiency in GCLS 501, 502, 503, 504, 505, and 510.

Examinations
**Preliminary Examination:** Required; written and oral.
**Dissertation:** Required.

Other Requirements
All graduate students must participate in the teaching programs of the department. Candidates must present a mid-thesis seminar as a scheduled departmental seminar.

Interdepartmental Specialization in Neuroscience
In addition to meeting the above requirements, students pursuing a specialization in neuroscience must take Neus 580, 582, and 583, and at least 8 additional hours of approved neuroscience courses other than research and independent study. Of these 8 hours, at least 5 must be outside of the student’s major department and must be divided among at least 2 other departments. They must submit the topic of their dissertation to the Curriculum Subcommittee of the Committee on Neuroscience for approval no later than the time of the preliminary examination.

Surgery
**Mailing Address:** Department of Surgery, 840 South Wood Street, MC 958, Chicago, IL 60612-7322
**Campus Location:** 518 CSB
**Program Code:** 20FS1721MS
**Telephone:** (312) 996-6765
**E-mail:** trach@uic.edu
**Head of the Department:** Herand Abcarian
**Director of Graduate Studies:** Scott Helton

The Department of Surgery offers work leading to the Master of Science in Surgery. The aim of the program is to introduce the surgeon-in-training to the methods of scientific research in preparation for a career as a research physician. While pursuing a specific research project in depth, the student is expected to maintain contact with clinical science as a participant in the activities of the Department of Surgery.

Admission Requirements
In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Prior Degrees:** Applicants must have an MD or equivalent medical degree.
- **Grade Point Average:** At least 3.75 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.
- **Tests Required:** GRE general. Recent graduates may substitute the MCAT.
- **Minimum TOEFL Score:** 550 (paper-based); 213 (computer-based).
- **Letters of Recommendation:** Contact the Director of Graduate Studies for information.
- **Personal Statement:** Contact the Director of Graduate Studies for information.

Other Requirements
Applicants must be enrolled in or have completed an approved residency program.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required:** 32.

Coursework
At least 9 hours must be at the 500 level. Students must take at least three graduate-level courses other than Surg 597 or 598, including a course in statistical methods.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Thesis or project required. No other options available.
Nursing Science

Mailing Address: College of Nursing, 845 South Damen Avenue, MC 802, Chicago, IL 60612-7350

Program Codes: 20FS1502MS (Med/Surg); 20FS1503MS (Psychiatric); 20FS1504MS (Public Health); 20FS1501MS (Maternal-Child); 20FS1500MS (Administration); 20FS1497MS (Baccalaureate to Doctoral); 20FS1499PHD (PhD)

Phone: (312) 996-3566 or 996-2184
E-mail: kdiana@uic.edu or prlewis@uic.edu
Dean of the College: Joan Shaver
Director of Graduate Studies: Patricia Lewis

The College of Nursing offers work leading to the Master of Science and Doctor of Philosophy degrees in Nursing. Specializations are available in administrative studies in nursing; maternal-child nursing; medical-surgical; mental health; and public health nursing. An interdepartmental concentration in Gender and Women’s Studies is available to doctoral students. In addition, the College participates with the Graduate Professional Business Program in the MS (Nursing)/MBA joint degree program, with the School of Public Health in the MS (Nursing)/MPH joint degree program, with the School of Biomedical and Health Information Sciences in the MS (Nursing)/MS (Health Informatics), and offers a Baccalaureate to Doctoral program. The College of Nursing is fully accredited by the Commission on Collegiate Nursing Education.

Admission Requirements

Transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Master of Science

Baccalaureate Field: Applicants must have a baccalaureate degree with an upper-division major in nursing from an NLNAC or CCNE accredited program or a baccalaureate degree in another field and have graduated from a nursing program preparing the student for registered professional nursing. For the student with a baccalaureate degree in a field other than nursing, the courses NuSc 210, 242, and 385 must be completed. Additional coursework may be required in some specializations. Consult the College of Nursing’s Graduate Manual.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

Tests Required: GRE general. Applicants to the MS/MBA joint degree program may substitute the GMAT.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required; the letters should describe the applicant’s suitability for further study in professional nursing, particularly for a research career.

Personal Statement: Required; the statement should address the applicant’s experience with teaching, research, specific area of interest, and interest in a research career.

Other Requirements: Each applicant must be licensed to practice as a professional nurse in at least one political jurisdiction.

Interview: A graduate faculty member in the program must interview applicant.

Note: The courses selected from the MS program are those that will provide the best basis for a research career. The student will be granted an MS in Nursing Science after the completion of 32 credit hours. This will meet the requirements of the Illinois Department of Professional Regulation that anyone who teaches nursing in Illinois must have a master’s degree in nursing. However, this master’s will not prepare students to be an advanced practice nurse as defined by the Illinois Practice Act. Neither will it prepare the graduate to sit for a certification examination in a specialty. If a student decides or is recommended to stop at any time after the MS, the student will be counseled to take additional course work to prepare them for a nurse practitioner or clinical nurse specialist capacity. The student has the option of enrolling in a post-master’s certificate program.

Doctor of Philosophy

Prior Degrees: A master’s degree in nursing from an NLNAC or CCNE accredited program. Applicants who have a baccalaureate degree from an accredited nursing program but have a master’s degree in a field other than nursing are also eligible for consideration for admission. Students enrolled in graduate study in nursing at UIC may continue their graduate study in the doctoral program after being approved by the Admissions and Academic Standards Committee of the College of Nursing.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

Tests Required: GRE general.

MS/MPH

Prospective students must apply and be admitted to both programs. The requirements for admission to the MS program are listed above. The joint program is designed for baccalaureate-prepared registered nurses seeking advanced nursing and public health background and public health nursing positions. Consult the School of Public Health’s Student Handbook for information on the admission requirements of the MPH program.

MS (Nursing)/MS (Health Informatics)

A student must meet the admissions criteria of both programs and is admitted separately to each through separate applications. The program of study may be completed on a full-time or part-time basis.

Baccalaureate to Doctoral

Baccalaureate Field: Applicant must have a baccalaureate degree with an upper-division major in nursing from an NLNAC or CCNE accredited program.

Grade Point Average: At least 3.25 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

Tests Required: Graduate Record Examination (GRE) required of all applicants.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required; the letters should describe the applicant’s suitability for further study in professional nursing, particularly for a research career.

Personal Statement: Required; the statement should address the applicant’s experience with teaching, research, specific area of interest, and interest in a research career.

Other Requirements: Each applicant must be licensed to practice as a professional nurse in at least one political jurisdiction.

Interview: A graduate faculty member in the program must interview applicant.

Note: The courses selected from the MS program are those that will provide the best basis for a research career. The student will be granted an MS in Nursing Science after the completion of 32 credit hours. This will meet the requirements of the Illinois Department of Professional Regulation that anyone who teaches nursing in Illinois must have a master’s degree in nursing. However, this master’s will not prepare students to be an advanced practice nurse as defined by the Illinois Practice Act. Neither will it prepare the graduate to sit for a certification examination in a specialty. If a student decides or is recommended to stop at any time after the MS, the student will be counseled to take additional course work to prepare them for a nurse practitioner or clinical nurse specialist capacity. The student has the option of enrolling in a post-master’s certificate program.
Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required; the letters should describe the applicant’s suitability for further study in professional nursing.

Personal Statement: Required; the statement should address the applicant’s overall career goals, previous work, and academic experience.

Other Requirements: Applicants must be licensed to practice as a professional nurse in at least one political jurisdiction.

Applicants must be interviewed by a graduate faculty member in the program area selected.

Admission is conditional on the availability of a faculty expert in the student’s research area.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science

Coursework
Required Core Courses: NuSc 525, 526, 527, 528, 529, and 597 or 598 are required for all specializations.

Specialization Courses:
Administrative Studies—NuAS 501, 502, 505, 512, 517, and 520; HPA 511; Mgmt 541.

Geriatric Clinical Nurse Specialist—NuMS 550, 552, 553, and 555; NuSc 525, 526, 527, 528, 529, 530, 531, 532, 533, 597, and 598.

Geriatric Nurse Practitioner—NuMS 550, 552, 554, 556 and 558; NuSc 525, 526, 527, 528, 529, 530, 531, 532, 533, 597, and 598.

Maternal-Child Nursing (Nurse Midwifery)—NuSc 531, 532; NuMC 507, 508, 515, 517, 518, 525, and 528.

Maternal-Child Nursing (Pediatric Clinical Nurse Specialist)—NuSc 531, 532 and 535; NuMC 510, 515, 516, 520, and 521.

Maternal-Child Nursing (Pediatric Nurse Practitioner)—NuSc 531, 532 533 and 535; NuMC 510, 511, 512, 513, 514, and 515.

Maternal-Child Nursing (Perinatal Clinical Nurse Specialist)—NuSc 531 and 532; NuMC 507, 508, 510, 515, 516, 520, and 521.

Maternal-Child Nursing (Women’s Health Care Nurse Practitioner)—NuSc 531 and 532; NuMC 507, 508, 517, 518, and 525; and NuWH elective.

Medical-Surgical Nursing (all Clinical Nurse Specialists)—NuSc 530, 531, 532, and 533; NuMs 530, 532, 533, 535, 537 and 540.

Medical-Surgical Nursing (all Acute Care Nurse Practitioners)—NuSc 530, 531, 532, 533; NuMs 530, 532, 534, 536, 538 and 540.

Medical-Surgical Nursing (Adult Nurse Practitioner)—NuMs 530, 534, 540, 544, 548 and 560.

Medical-Surgical Nursing (Geriatric Clinical Nurse Specialist)—NuSc 530, 531, 532, 533; NuMS 540, 550, 552, 554, 556 and 558.

Medical-Surgical Nursing (Adult/Geriatric Nurse Practitioner)—NuMS 534, 540, 544, 556, 558, 560 and 570.

Mental Health Nursing (Administrative Studies in Nursing)—NuAS 501, 502, 505, 512, 517, 520; HPA 511; Mgmt 541.

Mental Health Nursing (Mental Health Clinical Nurse Specialist)—NuPs 400, 515, 516, 517, 518, 521, 522.

Mental Health Nursing (Mental Health Nurse Practitioner)—NuPs 400, 515, 516, 517, 518, 521, 522, 523; Psch 467.

Public Health (Advanced Community Health Nurse)—NuPH 505, 507, 509, 511, 512, 517 and 520; EOHS 400; Epid 400.

Public Health (Family Nurse Practitioner)—NuSc 531, 532 and 535; NuPH 500, 509, 511, 524, 525, and 528; Epid 400.

Public Health (Home Health Care Specialist)—NuPH 515, 516, 517, 518, 526; EOHS 400; Epid 400.

Public Health (Occupational Health Nurse Practitioner)—NuSc 530, 531, 532 and 535; NuPH 400, 500, 505, 509, 511, 524, 525 and 529; EOHS 421, 482, 551 and 558; Epid 400.

Public Health (Occupational Health Nurse Practitioner)—NuPh 500, 505, 509, 511, 524, 525 and 529; Epid 400; EOHS 421, 482, 551 and 558; NuSc 531, 532 and 535.

Public Health (School Nurse Practitioner)—NuPH 402, 420, 505, 509, 511, 512, 517 and 520; Epid 400; EOHS 400.

Public Health (School Nurse Practitioner)—NuSc 531, 532 and 535; NuPH 402, 420, 500, 505, 509, 511, 524, 525 and 528; Epid 400.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Thesis or project required. No other options available. Thesis: Students must earn 5 hours in NuSc 598. Project: Students must earn 3 hours in NuSc 597.

MS/MBA
Minimum Semester Hours Required: 62–64.

Coursework
Required Core Courses: NuSc 526, 527, 528, 529, and 597 or 598.

Specialization Courses: Actg 500; Econ 520; Fin 500; IDS 532; Mgmt 541; Mktg 500; NuAS 501, 502, 505, 517 and 520; and four additional 500-level courses (16 semester hours) taken from at least two departments within the College of Business Administration.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Thesis or project required. No other options available. Thesis: Students must earn 5 hours in NuSc 598. Project: Students must earn 3 hours in NuSc 597.

MS/MPH
Minimum Semester Hours Required: 53–57.

Coursework
Required Courses: Bstt 400 or NuSc 525; CHSc 400, 431, 433, and 480; EOHS 400; Epid 400; HPA 401; IPHS 650 and 698; NuPH 505, 507, 512, and 517; NuSc 526, 527, 528, 529, and 597 or 598; and choose one from CHSc 527, 543 or HPA 505, 509, 511, 512, 517 and 520; Epid 400; EOHS 400.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Thesis or project required. No other options available. Thesis: Students must earn 5 hours in NuSc 598. Project: Students must earn 3 hours in NuSc 597.

Other Requirements
Students in the joint program will have two advisors, one from the public health nursing faculty in the College of
Nursing, and one from the community health sciences program in the School of Public Health. Students may withdraw from the joint program and transfer to one of the two degree programs.

**MS (Nursing)/MS (Health Informatics)**

**Minimum Semester Hours Required:** 56–58.

**Coursework**
The coursework will consist of core master’s degree courses for the College of Nursing, specialty courses in Administrative Nursing, and specialty courses in Health Informatics.

**Core Courses in Nursing:** NuSc 525, 526, 527, 528, 529, 597 or 598.

**Specialty Courses in Administrative Nursing:** NuAs 501, 502, 505, 512, 517, 520; Mgmt 541.

**Specialty Courses in Health Informatics:** BHIS 437, 510, 515, 520, 525, 530.

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**Baccalaureate to Doctoral**

**Minimum Semester Hours Required:** 96.

**Coursework**

**Required Core Courses:** NuSC 505, 506, 511, 515, 517, 585, 590, and 9 semester hours of statistics.

**Electives:** At least 14 hours must be at the 500 level.

**Dissertation**

Required. Students must earn at least 24 hours in NuSC 599.

**Examinations**

**Preliminary Examination:** Required.

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**Doctor of Philosophy**

**Minimum Semester Hours Required:** 96 from the baccalaureate.

**Coursework**

**Required Courses:** NuSc 505, 506, 511, 515, 517, 585, 590, and 6 hours of statistics.

**Electives:** At least 14 hours must be in 400- and 500-level didactic courses with a focus on advanced nursing science.

**Dissertation**

Required. Students must earn at least 24 hours in NuSc 599.

**Examinations**

**Preliminary Examination:** Required.

**Interdepartmental Concentration in Gender and Women’s Studies**

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.
College of Pharmacy

Biopharmaceutical Sciences

Mailing Address: College of Pharmacy (MC 865), 833 South Wood Street, Chicago, Illinois 60612-7231
Campus Location: 335 Pharm
Program Codes: 20FS1903MS (MS); 20FS1903PHD (PhD)
Telephone: (312) 996-0888
E-mail: hayat@uic.edu
Director of Graduate Studies: Hayat Onyuksel

The Department of Biopharmaceutical Sciences offers work leading to degrees in biopharmaceutical sciences at both the master’s and doctoral levels. Students are not admitted to the M.S. Program in this department. Coursework and research are available in the concentration areas of pharmaceutics, pharmacodynamics and toxicology, pharmacokinetics, and cellular and molecular biology and pharmacogenomics. Biopharmaceutical Sciences also participates in a joint PharmD/PhD program; see Joint PharmD/PhD information at the end of the College of Pharmacy section of this Catalog.

Admission Requirements

Transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Prior Degrees: Baccalaureate degree in pharmacy, pharmaceutical sciences, chemistry, biochemistry, biological sciences, a related medical science area, or a doctor of pharmacy degree.

Grade Point Average: At least 3.00 (A = 4.00) in work for the first academic degree.

Tests Required: GRE general.
Minimum TOEFL Score: 600 (paper-based); 250 (computer-based).

Letters of Recommendation: Three required from individuals who are familiar with the applicant’s training, ability, character, and potential for successful completion of the program.

Personal Statement: Required; one page; the statement should address the applicant’s educational and professional objectives.

Other Requirements: This program does not admit applicants for an M.S. degree. The M.S. is awarded to students who meet the stated requirements, but who do not complete all the requirements for a Ph.D.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science

Minimum Semester Hours Required: 32.

Coursework

Required Core Courses:
- BPS 501, 502, 503; Bstt 400; GC 401, 470, 471; plus BPS 595 (seminar) every semester for 4 credit hours total; and a minimum of 5 credit hours in concentration electives or electives.

Comprehensive Examination

None.

Thesis, Project, or Coursework-only options

Thesis required. No other options available.

Thesis: Students must earn at least 6 hours in BPS 598.

Doctor of Philosophy

Minimum Semester Hours Required: 96 from the baccalaureate, 64 from the master’s.

Coursework

At least 20 hours must be in 500-level didactic courses.

Required Core Courses:
- BPS 501, 502, 503; Bstt 400; GC 401, 470, 471; plus BPS 595 (seminar) every semester for 8 credit hours total.

Concentration Requirements:
- Pharmaceutics: BPS 510, 515; and BChe 460.
- Pharmacodynamics/Toxicology: BPS 551, 552; and BChe 460.
- Pharmacogenomics Cell and Molecular Biology: BPS 551, 552, 555; BChE 460; and Gene 502.
- Pharmacokinetics: BPS 545, 546, 551, 552; and Pcol 508.

Thesis, Project, or Coursework-only options

Thesis required. No other options available.

Thesis: students must earn at least 40 hours in BPS 599.

Examinations

Departmental Qualifying Examination: May be required for certain admitted students to be used as a basis for advisement on additional coursework to insure an appropriate level of preparedness.

Preliminary (Candidate) Examination: Required.

Dissertation

Required.

Forensic Science

Mailing Address: Forensic Science Program, 833 South Wood Street, MC 866, Chicago, IL 60612-7231
Campus Location: 412C Pharm
Program Code: 20FS1274MS
Telephone: (312) 996-2250
E-mail: reg@uic.edu
Head of the Program and Director of Graduate Studies: Hayat Onyuksel

The master’s program in forensic science is administered by the Department of Biopharmaceutical Sciences, in cooperation with the Department of Criminal Justice. The program encompasses a broad knowledge of the basic areas of forensic science laboratory disciplines (biology/biochemistry; chemistry and trace evidence analysis; drug identification and toxicology; and pattern evidence) with emphasis on the integration of analytical and interpretative skills. The role of forensic laboratory sciences in justice system processes is an integrating theme. There is an opportunity for some specialization through the selection of electives and/or through the Residency option.

Admissions Requirements

In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: B.S. in physical, biological or pharmaceutical sciences (chemistry recommended). Minimum of one semester analytical chemistry and one semester physical chemistry. Instrumental analysis, biochemistry and additional physical chemistry desirable.

Grade Point Average: At least 3.00/4.00 overall.

Applications are strengthened by 3.25/4.00 overall, and 3.00/4.00 in core science and mathematics courses.

Tests Required: GRE general and writing tests; applications are strengthened by scores corresponding to 60th percentile or higher, and minimum TOEFL score of 600 (if applicable).

Minimum TOEFL Score: 600 (paper-based); 250 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 37.

Coursework

Required Courses: BPS 480, 580, 581, 582, 583, and 584.

Electives: 10–13 semester hours that may be selected in the student’s area of interest; may include 2–4 hours of internship (BPS 592), or up to 12 hours of residency (BPS 590) for those interested and who are accepted by the host agencies.
Students must meet the following program requirements:

In addition to the Graduate College minimum requirements, students must

Degree Requirements

The Department of Medicinal Chemistry and Pharmacognosy offers work leading to degrees in Medicinal Chemistry at both the master’s and doctoral levels. Medicinal chemistry is focused on the discovery and development of biologically active agents with potential therapeutic application. The program offers Concentrations in Analytical and Chemical Toxicology, Biomedical Chemistry, Computational Medicinal Chemistry, Structural Biology and Synthetic Medicinal Chemistry.

Medicinal Chemistry also participates in a joint PharmD/PhD program; see Joint PharmD/PhD information at the end of the College of Pharmacy section of this Catalog.

The department also offers a graduate program in Pharmacognosy; consult the appropriate heading in this catalog for more information on that program.

Admission Requirements

In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: Pharmacy, chemistry, or the biological sciences. Prior academic work should include a year each of biology or biochemistry and organic chemistry.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of baccalaureate study.

Tests Required: GRE general. The GRE advanced chemistry or biology test is recommended.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science

Minimum Semester Hours Required: 32. At least 16 semester hours must be completed in didactic courses.

Coursework

Required Core Courses: GCLS 501; MdCh 561; four hours of MdCh 592; two hours of MdCh 595 (one hour literature seminar and one hour thesis seminar), plus a minimum of 6 additional hours of required Concentration and Elective courses.

Students must select one of five concentrations: Analytical and Chemical Toxicology, Biomedical Chemistry, Computational Medicinal Chemistry, Structural Biology, or Synthetic Medicinal Chemistry.

Recommended Electives:

Analytical and Chemical Toxicology—MdCh 412, 562, 571.

Biomedical Chemistry—GCLS 502; MdCh 412.

Computational Medicinal Chemistry—MdCh 572.

Structural Biology—Bche 513, MdCh 564.

Synthetic Medicinal Chemistry—MdCh 560, 562, 564, 571, 573.

Required Concentration Courses:

Analytical and Chemical Toxicology—MdCh 412, 562, 571.

Biomedical Chemistry—GCLS 502; MdCh 412.

Computational Medicinal Chemistry—MdCh 572.

Structural Biology—Bche 513, MdCh 564.

Synthetic Medicinal Chemistry—MdCh 560, 562, 564, 571, 573.

Recommended Electives:

Analytical and Chemical Toxicology—Elective courses selected in consultation with the student’s advisor. Recommended electives include GCLS 502; MdCh 564, 572, 594; Pcol 505, 508.

Biomedical Chemistry—Elective courses selected in consultation with the student’s advisor. Recommended electives include Bche 513, 561, 563; GCLS 503, 504, 505; MdCh 562, 594; Mlm 552.

Computational Medicinal Chemistry—Elective courses selected in consultation with the student’s advisor. Recommended electives include Bche 513; Bioe 407; Bstt 400; Chem 542, 558; CS 559; ECE 560; GCLS 502; MdCh 564, 594.

Structural Biology—Elective courses selected in consultation with the student’s advisor. Recommended electives include Chem 553, 554 and 558; GCLS 502; MdCh 412, 562, 571, 572, 594.

Synthetic Medicinal Chemistry—Elective courses selected in consultation with the student’s advisor. Recommended electives include Chem 532, 533, 535, 545 and 553; MdCh 572, 594.

Thesis, Project, or Coursework-only options

Thesis required. No other options available. Must complete at least 5 semester hours in MdCh 598.


Doctor of Philosophy

Minimum Semester Hours Required: 96 from the baccalaureate.

Coursework

Required Core Courses: GCLS 501; MdCh 561, four hours of MdCh 592, two hours of MdCh 595 (one hour literature seminar and one hour thesis seminar), and a minimum of 11 additional hours of required concentration and elective courses.

Students must select one of five concentrations: analytical and chemical toxicology, biomedical chemistry, computational medicinal chemistry, structural biology, or synthetic medicinal chemistry.

Required Concentration Courses:

Analytical and Chemical Toxicology—MdCh 412, 562, 571.

Biomedical Chemistry—GCLS 502; MdCh 412.

Computational Medicinal Chemistry—MdCh 572.

Structural Biology—Bche 513; MdCh 564.

Synthetic Medicinal Chemistry—MdCh 560, 562, 564, 571, 573.

Recommended Electives:

Analytical and Chemical Toxicology—Elective courses selected in consultation with the student’s advisor. Recommended electives include GCLS 502; MdCh 564, 572, 594; Pcol 505, 508.

Biomedical Chemistry—Elective courses selected in consultation with the student’s advisor. Recommended electives include Bche 513, 561, 563; GCLS 503, 504, 505; MdCh 562, 594, 572, 594.

Computational Medicinal Chemistry—Elective courses selected in consultation with the student’s advisor. Recommended electives include Bche 513; Bioe 407; Bstt 400; Chem 542, 558; CS 559; ECE 560; GCLS 502; MdCh 564, 594.

Structural Biology—Elective courses selected in consultation with the student’s advisor. Recommended electives include Chem 553, 554 and 558; GCLS 502; MdCh 412, 562, 571, 572, 594.

Synthetic Medicinal Chemistry—Elective courses selected in consultation with the student’s advisor. Recommended electives include Chem 532, 533, 535, 545 and 553; MdCh 572, 594.

Thesis, Project, or Coursework-only options

Thesis required. No other options available. Must complete at least 5 semester hours in MdCh 598.


Doctor of Philosophy

Minimum Semester Hours Required: 96 from the baccalaureate.

Coursework

Required Core Courses: GCLS 501; MdCh 561, four hours of MdCh 592, two hours of MdCh 595 (one hour literature seminar and one hour thesis seminar), and a minimum of 11 additional hours of required concentration and elective courses.

Students must select one of five concentrations: analytical and chemical toxicology, biomedical chemistry, computational medicinal chemistry, structural biology, or synthetic medicinal chemistry.

Required Concentration Courses:

Analytical and Chemical Toxicology—MdCh 412, 562, 571.

Biomedical Chemistry—GCLS 502; MdCh 412.

Computational Medicinal Chemistry—MdCh 572.

Structural Biology—Bche 513; MdCh 564.

Synthetic Medicinal Chemistry—MdCh 560, 562, 564, 571, 573.

Recommended Electives:

Analytical and Chemical Toxicology—Elective courses selected in consultation with the student’s advisor. Recommended electives include GCLS 502; MdCh 564, 572, 594; Pcol 505, 508.

Biomedical Chemistry—Elective courses selected in consultation with the student’s advisor. Recommended electives include Bche 513, 561, 563; GCLS 503, 504, 505; MdCh 562, 594, 572, 594.

Computational Medicinal Chemistry—Elective courses selected in consultation with the student’s advisor. Recommended electives include Bche 513; Bioe 407; Bstt 400; Chem 542, 558; CS 559; ECE 560; GCLS 502; MdCh 564, 594.

Structural Biology—Elective courses selected in consultation with the student’s advisor. Recommended electives include Chem 553, 554 and 558; GCLS 502; MdCh 412, 562, 571, 572, 594.

Synthetic Medicinal Chemistry—Elective courses selected in consultation with the student’s advisor. Recommended electives include Chem 532, 533, 535, 545 and 553; MdCh 572, 594.

Thesis, Project, or Coursework-only options

Thesis required. No other options available. Must complete at least 5 semester hours in MdCh 598.

Examinations
Departmental Qualifying and Preliminary Examination: Required. Passing this examination permits doctoral students to bypass the formal requirement of writing a master’s thesis. Good academic standing required for eligibility to take the examination. (Given following completion of the second semester of required coursework).

Dissertation
Required; including oral defense.

Other Requirements
All candidates must assist in teaching one or more of the courses offered by the College of Pharmacy or the department. Minimum of seventy semester hours of MdCh 599.

Fellowships
In addition to University-wide competitive fellowships, the Medicinal Chemistry program awards annually an endowed, program-specific fellowship, the Professor Ludwig Bauer Fellowship in Medicinal Chemistry.

Pharmacognosy
Mailing Address: Pharmacognosy Program, MC 877, College of Pharmacy, 833 South Wood Street, Chicago, IL 60612-7231

Campus Location: 331 Pharm
Program Codes: 20FS1563MS (MS); 20FS1563PHD (PhD)
Telephone: (312) 996-7253
E-mail: cordell@uic.edu
Director of the Program: Norman R. Farnsworth
Director of Graduate Studies: Geoffrey A. Cordell

The Department of Medicinal Chemistry and Pharmacognosy offers a program of study leading to degrees in pharmacognosy at both the master’s and doctoral levels. Major research areas concern the isolation, structure elucidation, and bioassay of plant constituents having biological activity, the use and conservation of plants employed in traditional medicine, the fundamental mechanisms of activity of potential drugs and their targets, structure and function of cellular enzymes, microbial genomics and rational drug design.

Pharmacognosy also participates in a joint PharmD/PhD program; see Joint PharmD/PhD information at the end of the College of Pharmacy section of this Catalog.

The department also offers work leading to graduate degrees in medicinal chemistry; consult the appropriate section in this catalog for more information.

Admission Requirements
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Baccalaureate Field: Chemistry or the biological sciences.
Prior academic work should include a year each of biology and/or biochemistry, and organic chemistry.

Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

Tests Required: GRE general.
Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required.

Other Requirements: PhD applicants strongly preferred.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science
Minimum Semester Hours Required: 32.
Coursework
At least 16 hours must be in didactic courses.

Required Courses: PmPg 480, 510, and one hour of 595.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Thesis required. No other options available.

Other Requirements
Candidates must assist in one or more of the courses offered by the college or the department.

Doctor of Philosophy
Minimum Semester Hours Required: 96 from the baccalaureate.

Coursework
At least 26 semester hours must be in didactic courses.

Required Courses: PmPg 480, 510; and two hours of PmPg 595.

Students must select one of four specializations: natural products drug discovery, medical ethnobotany, biomedical and molecular toxicology, or pharmaceutical biotechnology.

Specialization Courses:
Natural Products Drug Discovery—PmPg 511, 515, 516, 521.

Medical Ethnobotany—Epif 410; PmPg 511, 517, 518, 520.

Biomedical and Molecular Toxicology—GCLS 501; Pcol 430, 508.

Pharmaceutical Biotechnology—GCLS 501, 502, 504/505 pMpg 510 not taken; PmPg 522, 523.

Electives:
Medical Ethnobotany—Minimum of 4 credits, selected in consultation with the student’s advisor.
Suggested electives are Anh 415, 594; BioS 539, 594; CHSc 450, 554; PmPg 534, 569.

Biomedical and Molecular Toxicology—Minimum of 11 credits, selected in consultation with the student’s advisor.
Suggested electives are GCLS 502, 503, 515; MdCh 412, 561, 562, 571 and 594; NuSc 525; PmPg 561, 562.

Pharmaceutical Biotechnology—Minimum of 10 credits, selected in consultation with the student’s advisor.
Suggested electives are BioS 524, 525; GCLS 503, 515; Gene 513, 514; MdCh 412, 562, 564.

Examinations
Departmental Qualifying Examination: Required; written.
Preliinary Examination: Required; written and oral.
Passing this examination permits doctoral students to bypass the formal requirement of writing a master’s thesis.

Dissertation
Required; including oral defense.

Other Requirements
Candidates must assist in one or more of the courses offered by the college or the department.

Pharmacy
Mailing Address: College of Pharmacy (MC 871), 833 South Wood Street, Chicago, Illinois 60612-7231

Campus Location: 241 Pharm
Program Codes: 20FS1568MS (MS); 20FS1568PHD (PhD)
Telephone: (312) 413-1337
E-mail: crawford@uic.edu
Director of Graduate Studies: Stephanie Crawford

The College of Pharmacy offers work leading to a graduate degree in pharmacy at both the master’s (M.S.) and doctoral (Ph.D.) levels. The general area of focus is pharmacy administration, i.e., the social, behavioral and economic pharmaceutical sciences.

Note: these pharmacy graduate degrees are research degrees, not practice degrees. If you desire to apply to the professional degree program for pharmacy, see requirements for the UIC Doctor of Pharmacy (Pharm.D.) program.
Pharmacy (Administration) also participates in a joint PharmD/PhD program; see Joint PharmD/PhD information at the end of the College of Pharmacy section of this Catalog.

**Admission Requirements**

Transcripts of all undergraduate and any graduate work must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Prior Degrees:** Baccalaureate or doctorate in pharmacy or a related field.
- **Grade Point Average:** At least 3.00 (A = 4.00) in work for the first academic degree.
- **Tests Required:** GRE general.
- **Minimum TOEFL Score:** 600 (paper-based); 250 (computer-based).
- **Letters of Recommendation:** Three (master’s) or four (doctoral) required from individuals who are familiar with the applicant’s training, ability, character, and potential for successful completion of the program.
- **Personal Statement:** Required; one to two pages; the statement should address the applicant’s educational and professional objectives.

**Degree Requirements**

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Master of Science**

- **Minimum Semester Hours Required:** 42.
- **Coursework**
  - **Required Core Courses:** EPsy 503; HPA 463; Mgmt 541; PmAd 507, 510, 595; Soc 500.
- **Comprehensive Examination**
  - None.

**Thesis, Project, or Coursework-only options**

Thesis required. No other options available.

**Thesis:** Students must earn 6 hours in PmAd 598.

**Doctor of Philosophy**

- **Minimum Semester Hours Required:** 96 from the baccalaureate, 64 from the master’s.
- **Coursework**
  - At least 20 hours must be in 500-level didactic courses.
    - **Required Core Courses:** HPA 463; PmAd 482, 500, 507, 510, 516, 525, 535, 571, 595, and one PmAd elective; Psch 443, 543, 545; Soc 500.
- **Examinations**
  - **Departmental Qualifying Examination:** Required for pharmacy administration students only.
  - **Preliminary Examination:** Required.
- **Dissertation**
  - Required.

**Other Requirements**

Students must demonstrate satisfactory proficiency in written and verbal communications and in the use of computer technology, according to the specifications developed for their area.

**Joint PharmD/PhD Program**

The College invites highly qualified pharmacy students who are interested in both clinical aspects of pharmacy and the pharmaceutical sciences research to consider the joint PharmD/PhD program. The joint program permits a student to combine the PharmD with any of the PhD programs offered in the College: Biopharmaceutical Sciences, Medicinal Chemistry, Pharmacognosy, and Pharmacy (pharmacy administration). This makes it possible for students to earn both degrees more quickly than would be possible if each were done separately.

**Application Procedure**

The following materials should be submitted to the Director of Graduate Studies for the PhD program to which the student wishes to apply.

- **Biopharmaceutical Sciences:** Dr. Hayat Onyuksel, Room 335 PHARM, Hayat@uic.edu.
- **Medicinal Chemistry:** Dr. John Fitzloff, Room 539 PHARM, Fitzloff@uic.edu.
- **Pharmacognosy:** Dr. Geoffrey Cordell, Room 302 PHARM, Cordell@uic.edu. For the Pharmaceutical Biotechnology track in the PhD Pharmacognosy program, contact Dr. Alexander Mankin, Room 3052 MBRB, shura@uic.edu.
- **Pharmacy (Administration):** Dr. Stephanie Crawford, Room 258 PHARM, crawford@uic.edu.

**Transcripts**

Official copies of all prior college work, including that in your PharmD program.

**Test Scores**

Scores on the Graduate Record Examination (GRE) General Test. The PhD program in Medicinal Chemistry recommends taking and reporting a score for the GRE Advanced Test in Chemistry or Biology.

**Letters of Recommendation**

Three required from individuals who can comment knowledgeably on your academic abilities and research potential.

**Statement of Purpose**

One page in length, setting forth the basis for your interest in the joint degree program, amplifying on your qualifications for admission to the particular PhD program, and explaining how completion of the PharmD and the PhD fits into your overall educational and career goals.

**Deadlines**

Contact the PhD program for the applicable deadline.
School of Public Health

Public Health Sciences

Mailing Address: School of Public Health, 1603 West Taylor Street (SPHP), MC 922, Chicago, IL 60612-7260

Campus Location: 1149 SPHP (1603 West Taylor Street)

Program Codes: 20FS1634MS (Biostatistics MS); 20FS1634PHD (Biostatistics PhD); 20FS1635MS (Community Health Sciences MS); 20FS1635PHD (Community Health Sciences PhD); 20FS1636MS (Environmental and Occupational Health Sciences MS); 20FS1636PHD (Environmental and Occupational Health Sciences PhD); 20FS1637MS (Epidemiology MS); 20FS1637PHD (Epidemiology PhD); 20FS1638MS (Health Policy and Administration MS); 20FS1638PHD (Health Policy and Administration PhD)

Telephone: (312) 996-6620
E-mail: SEFurner@uic.edu
Dean of the School: Susan Scrimshaw
Director of Graduate Studies: Sylvia Furner

The School of Public Health offers work leading to the Master of Science and Doctor of Philosophy degrees in Public Health, and participates with the College of Nursing in offering the MS Nursing/MPH joint degree program. An interdepartmental concentration in Gender and Women’s Studies is available to master’s and doctoral students majoring in the area of community health sciences. Course work and independent research opportunities leading to master’s and doctorate degrees are offered in the following areas: biostatistics; epidemiology; health policy and administration; community health sciences; and environmental and occupational health sciences.

The School of Public Health also offers programs leading to the Master of Public Health and Doctor of Public Health degrees, and participates with other academic units in offering the MBA/MPH, MD/MPH, and DDS/MPH joint degree programs. These professional degree programs are not part of the Graduate College; consult the School of Public Health’s Catalog for more information.

Admission Requirements

In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Master of Science and Doctor of Philosophy

Baccalaureate Field: A major in the biological, physical, or social sciences is preferred.

Grade Point Average: At least 3.00 (A = 4.00).

Tests Required: GRE general. The combined verbal and quantitative scores must be at least 1000.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).

Letters of Recommendation: Three required.

Personal Statement: Required; the statement should address the applicant’s intended research and career goals and reason for pursuing the MS or PhD degree in the chosen area.

Other Requirements: Generally, applicants to the PhD program must have a master’s degree. Applicants may submit their master’s thesis as evidence of their ability to plan and complete significant health-related research.

MPH/MS Nursing

To be admitted to the joint program, applicants must meet the admissions criteria of both programs and be accepted to each through separate applications. Consult the chapter on Nursing for information on the admission requirements of the MS Nursing program. Consult the School of Public Health’s Catalog for information on the admission requirements of the MPH program. Joint degree students must take their MPH training in community health sciences (CHS).

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Master of Science

Minimum Semester Hours Required: 48.

Coursework

At least 32 semester hours must be in courses other than IPHS 598, and at least 9 semester hours must be at the 500 level. No more than 4 hours of IPHS 596 may be applied to the degree.

Required Courses: Epid 400 and Bstt 400.

Electives: The specific distribution of courses will vary according to the student’s area of interest. Contact the School of Public Health for the specific requirements of each area.

Comprehensive Examination

Required only for biostatistics students.

Thesis, Project, or Coursework-only options

Thesis or coursework-only. No other options available.

Thesis: Thesis required for all areas except biostatistics. Thesis students must earn at least 16 hours in IPHS 598.

Coursework-only: Only for biostatistics students.

Comprehensive examination required.

Interdepartmental Concentration in Gender and Women’s Studies

Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.

MPH/MS Nursing

Minimum Semester Hours Required: 58 to 66.

Coursework

Required Courses: Bstt 400; CHSc 400, 432, 480, 494; EOHS 400; Epid 400; HPA 401; IPHS 650; NuPH 515, 516, 517, 518; NuSc 526, 527, 528, 529.

Comprehensive Examination

None.

Thesis, Project, or Coursework-only options

Thesis or project required. No other options available.

Thesis: Students must earn 5 hours in NuSc 598.

Project: Students must earn 3 hours in NuSc 597.

Other Requirements

Students in the joint program will have two advisors, one from the public health nursing faculty in the College of Nursing, and one from the community health sciences program in the School of Public Health. Students may withdraw from the joint program and transfer to one of the two degree programs.

Doctor of Philosophy

Minimum Semester Hours Required: 96 from the baccalaureate.

Coursework

At least 9 hours must be in 500-level didactic courses in the student’s major area. If a collateral area is required by the major, at least 6 hours must be in the collateral area. No more than 40 semester hours of seminars and courses outside the major and collateral areas can be applied to the degree.

Required Courses: Epid 400, Bstt 400 and 401.

Dissertation

Required. Students must register in IPHS 599 for at least 32 semester hours.
**Other Requirements**
Students must obtain supervised experience in classroom teaching in at least one course for at least part of a semester.

**Interdepartmental Concentration in Gender and Women’s Studies**
Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.
Jane Addams College of Social Work

Social Work
Mailing Address: Jane Addams College of Social Work, 1040 West Harrison Street, MC 309, Chicago, IL 60607-7134
Campus Location: 4022 EPASW
Program Code: 20FS0365PHD
Telephone: (312) 996-4629
E-mail: phd@jaddams.csw.uic.edu
Dean of the Jane Addams College of Social Work: Creasie Finney Hairston
Director of Graduate Studies: Mark Mattaini

The Jane Addams College of Social Work offers work leading to the Doctor of Philosophy in Social Work. An interdepartmental concentration in Gender and Women’s Studies is available to doctoral students. The Jane Addams College also offers a program leading to the Master of Social Work degree; this professional degree program is not part of the Graduate College.

Admission Requirements
Applicants are considered on an individual basis. Transcripts from all colleges attended must be submitted. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Prior Degrees: Master’s degree required. Most applicants have a Master of Social Work degree; applicants with advanced training in other human service professions or in related social sciences are also eligible for consideration. Applicants must have satisfactorily passed a course in college-level statistics.

Grade Point Average: At least 3.00 (A = 4.00) on the final 60 semester (90 quarter) hours of undergraduate study and for all work beyond the baccalaureate.

Tests Required: Graduate Record Examination (GRE). Minimum TOEFL Score: 580 (paper-based); 237 (computer-based).

Letters of Recommendation: Four letters of recommendation required, ordinarily including former instructors and work supervisors. Contact the Jane Addams College of Social Work for more information.

Personal Statement: Required. Applicants must submit a statement of their interest in social work, and their long range career goals and scholarly interests, and how those fit with the mission of the College.

Other Requirements: Applications must be submitted directly to the Jane Addams College of Social Work. Admissions are restricted to the fall semester.

Deadlines
Application deadline is March 15, or the next working day after March 15. Early application is recommended.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

Minimum Semester Hours Required: 96 from the baccalaureate.

Coursework
At least 9 semester hours must be earned at UIC in each of two consecutive terms. Students are expected to complete the residence requirement during the first or second year of their study. Students without a Master of Social Work may apply for admission if they have advanced training in other human service professions or in related social sciences. If offered admission, such students must complete all requirements for the Master of Social Work degree before beginning doctoral courses.

Required Courses: SocW 577, 590, 591, 592, 593, and 594.

Electives: At least 15 hours must be in courses outside of the Jane Addams College of Social Work. Six hours of the outside credit must be in an advanced statistics course supportive of the dissertation research. At least nine credits of outside coursework should constitute a single substantive emphasis. At least 9 additional coursework credits are required (either at Jane Addams College or outside the College); at least 3 of which must be in advanced research methodology supporting the dissertation.

Examinations
Qualifying examination: Required.

Preliminary examination: Required.

Dissertation
Required.

Interdepartmental Concentration in Gender and Women’s Studies
Students earning a graduate degree in this department may complement their courses by enrolling for a concentration in Gender and Women’s Studies after consulting with their graduate advisor. Students pursuing this concentration must apply to the Director of the Gender and Women’s Studies Program and obtain approval from a Gender and Women’s Studies graduate faculty member, preferably within the department of the degree, who becomes the student’s Gender and Women’s Studies advisor. Students should enroll in a total of 16 hours of graduate coursework, including GWS 501 and GWS 502, plus eight additional hours of Gender and Women’s Studies or cross-listed courses at the graduate level. Up to four of these hours can be directed study or thesis research on an appropriate topic approved by the student’s Gender and Women’s Studies advisor.
College of Urban Planning and Public Affairs

Public Administration
Mailing Address: Public Administration Program, 412 South Peoria Street, MC 278, Chicago, IL 60607-7064
Campus Location: 130 CUPPAH
Program Codes: 20FS0339MPA (MPA); 20FS0339PHD (PhD)
Telephone: (312) 996-3109
E-mail: sean@uic.edu
Head of the Department: Michael Pagano
Director of Graduate Studies: Eric Welch

The graduate program in Public Administration is part of the College of Urban Planning and Public Affairs. The unit offers coursework leading to the Master of Public Administration (MPA) and the Doctor of Philosophy in Public Administration.

MPA is a professional program fully accredited by the National Association of Schools of Public Affairs and Administration. Its broad goal is to train both preservice and working professionals for productive careers in the public service.

The doctoral program is designed to produce graduates with demonstrated analytic abilities, and the creativity and potential for making significant, original contributions to the profession, whether as scholars, practitioners, or both. The program builds on a core of ideas and issues, with strong emphasis on theory construction and empirical research in the areas of public management, financial management, science, technology and information policy and survey methods.

Admission Requirements
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

**Master of Public Administration**

Baccalaureate Field: No restrictions.

**Grade Point Average:** At least 3.25 (A = 4.00) for the final 60 semester (90 quarter) hours of undergraduate study.

**Tests Required:** GRE or GMAT scores are required from applicants who are requesting program-administered financial assistance. GRE or GMAT scores are recommended but not required from applicants who are not requesting program-administered financial assistance.

**Minimum TOEFL Score:** 550 (paper-based); 213 (computer-based).

**Letters of Recommendation:** Three required from instructors familiar with the applicant’s academic training or supervisors familiar with the applicant’s professional experience.

**Personal Statement:** Required. Applicants must submit a brief statement of their professional goals and academic interests.

**Doctor of Philosophy**

Applicants are considered on an individual basis, taking into consideration superior academic performance and promise of future achievement.

**Prior Degrees:** Master’s degree required. Applicants must present evidence of having completed a graduate-level statistics course. Students with a deficiency in this area will be required to take additional coursework as prescribed by the program director. Such coursework will not apply to the degree requirements.

**Grade Point Average:** At least 3.00 (A = 4.00) in all undergraduate coursework and 3.50 in all post-baccalaureate coursework.

**Tests Required:** Graduate Records Examination (GRE) general. All applicants should have a combined score of at least 1100 on the verbal and quantitative portions of the GRE. If an applicant fails to present a minimum GRE score of 1100 and a GPA of 3.50, the applicant may still be considered by the Ph.D. Committee. The Committee will review all evidence of high promise to include, but not limited to trend of graduate grade, type of graduate program, mature work experience

**Minimum TOEFL Score:** 550 (paper-based); 213 (computer-based).

**Letters of Recommendation:** Three required from persons familiar with the applicant’s academic achievements or professional experience.

**Personal Statement:** Required. Applicants must submit a brief statement of their professional goals and academic interests.

**Other Requirements:** Applicants must submit a resume. At the discretion of the admissions committee, an interview may be required.

**Nondegree Applicants**

Nondegree applicants must submit an official transcript from their baccalaureate institution and a letter stating which courses they would like to take and why they feel nondegree admission would be beneficial.

**Degree Requirements**

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

**Master of Public Administration**

**Minimum Semester Hours Required:** 54.

**Coursework**

**Required Courses:** PA 400, 405, 406, 410, 415, 490, 502, 503, and 504.

In addition to the core courses, students must select one of four areas of specialization: public management; financial management; management of information technology; or survey methods. At least twelve credit hours must be taken in the area of specialization. One additional course of the student’s choosing is to be selected in consultation with the student’s advisor. The courses included in each area of specialization are as follows:

- **Public Management:** PA 521, 522, 523, 524, 526, 529, 532, 533, 534.
- **Financial Management:** PA 521, 523, 533, 550, 551, 552, 553.
- **Management of Information Technology:** PA 460, 461, 463, 567.
- **Survey Methods:** Bstt 440; CHSc 447 (required), 577; PA 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588.

**Comprehensive Examination**

None.

**Thesis, Project, or Coursework-only options**

Coursework only. No other options available.

**Other Requirements**

Full-time students participate in supervised internships with public service agencies; part-time students employed in the public service conduct work-related projects.

**Doctor of Philosophy**

**Minimum Semester Hours Required:** 96 from the baccalaureate. Students holding an MPA degree from UIC or an equivalent program will ordinarily receive a maximum of 32 semester hours toward the degree requirement.

**Coursework**

A cumulative grade point average of at least 3.00 (A = 4.00) in all graduate courses taken at UIC is required for graduation. Credit is not given for any required course in which a grade of less than B is earned.

**Required Core Methods Courses:** PA 540, 541, plus either PA 545, 546.

**Required Core Theory Courses:** PA 510, 511, 515.

**Required Core Methods Courses:** PA 540, 541, plus either PA 542, PA 544 or CHSc 447.

**Required Applied Research Seminars:** PA 545, 546.

Students must select two of four areas of specialization: public management; financial management; science, technology and information policy; or survey methods. At
least two courses must be taken in each area of concentration. A total of 14 credits are required in the survey methods area of specialization including PA 578 and one of CHSc 447, CHSc 577, Bstt 440, PA 484, PA 486. The courses included in each concentration are as follows:

Public Management: PA 521, 522, 523, 524, 526, 527 (required), 528, 529, 532, 533, 534.
Financial Management: PA 521, 523, 550, 551, 552, 553, 554 (required); UPP 533.
Science, Technology and Information Policy: PA 460, 461, 463, 464 (required), 466 (required); PS 567.
Survey Methods: Bstt 440; CHSc 447, 577; PA 578 (required), 579, 580, 581, 582, 583, 584, 585, 586, 587, 588.

Preliminary Examination
Required. After completion of course work students must pass a preliminary examination designed to test their scholarly competence and knowledge. The doctoral preliminary examination is designed to assess the degree of mastery which degree candidates have achieved over a body of knowledge, to measure their ability to integrate the knowledge, and to apply it creatively in the analysis of problems to which it is germane. The preliminary examination will consist of three parts: core PA theory and each area of specialization.

Dissertation
Required. The dissertation will make a contribution to knowledge in public administration and will be publicly defended before the scholarly community and a committee appointed by the Dean of the Graduate College on the recommendation of the program director. At least 16 and no more than 28 semester hours may be awarded for dissertation research.

It is expected that no later than the end of the semester following the completion of the preliminary examination the student will submit a written statement of the dissertation plans to his/her major advisor. Upon the recommendation of the program director and approval of the Dean of the Graduate College, a five-person dissertation committee will be appointed. The committee will include at least one member from outside the Public Administration Program.

The dissertation prospectus will contain an analysis of the relevant literature, the theoretical issues to be pursued, the data to be used and the methods of analysis, and a statement of the anticipated significance of the research project. The prospectus will be defended before the committee. Until the prospectus is approved, the student will not be authorized to proceed with dissertation research. The final version of the dissertation will incorporate any changes recommended by the committee.

Other Requirements
None.

Urban Planning and Policy
Mailing Address: Urban Planning and Policy Program, 412 South Peoria Street, MC 348, Chicago, IL 60607-7137
Campus Location: 215 CUPPAH
Program Codes: 20FS1786MUPP (MUPP); 20FS1785PHD (PhD)
Telephone: (312) 996-5240
E-mail: upp@uic.edu
Director of Graduate Studies: Curt Winkle
The Urban Planning and Policy Program offers programs of professional study leading to the Master of Urban Planning and Policy (MUPP) degree and to the Doctor of Philosophy (PhD) in Urban Planning and Policy. The MUPP program is accredited by the Planning Accreditation Board of the American Institute of Certified Planners and the Association of Collegiate Schools of Planning. Students in the MUPP program generally choose one or two of five substantive specializations: community development, economic development, international development, physical planning or urban transportation. Students with special interests or career goals may, with faculty approval, pursue a program area of their own design.

Admission Requirements
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Master of Urban Planning and Policy
Baccalaureate Field: No restrictions.
Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.
Tests Required: None required for admission. Applicants for university fellowships must submit GRE general scores. Applicants with undergraduate degrees from universities outside the U.S. are strongly urged to submit GRE general scores.

Minimum TOEFL Score: 550 (paper-based); 213 (computer-based).
Letters of Recommendation: Three required.
Personal Statement: Required; the statement must address the applicant’s educational and career goals and previous pertinent work, volunteer, and/or academic experience.

Other Requirements: Applicants must submit a recent paper, essay, or project of which they are the sole author or designer. This material may be of an academic, professional, or personal nature, and must be at least 1,000 words in length.

Applicants for research assistantship positions are encouraged to submit a resume.

Doctor of Philosophy in Urban Planning and Policy
Prior Degrees: Applicants must normally have a master’s degree in Urban Planning or related program.
Grade Point Average: At least 3.00 (A = 4.00) for the final 60 semester hours (90 quarter hours) of undergraduate study.
Tests Required: GRE general. Applicants may substitute the GMAT or LSAT.

Minimum TOEFL Score: 600 (paper-based); 250 (computer-based).
Letters of Recommendation: Three required.
Personal Statement: Required; the statement must address the applicant’s educational and career goals and previous pertinent work, volunteer, and/or academic experience.

Other Requirements: Applicants must submit a recent paper, essay, or project of which they are the sole author or designer. This material may be of an academic, professional, or personal nature, and must be at least 1,000 words in length.

Applicants for research assistantship positions are encouraged to submit a resume.

Deadlines
The application deadline for this program is earlier than the Graduate College deadline; contact the program for information on current deadlines.

Degree Requirements
Master of Urban Planning and Policy
Minimum Semester Hours Required: 60.
Coursework
At least 24 hours must be at the 500 level, and at least 16 hours must be in the student’s major area, including 12 at the 500 level.

Required Courses: UPP 500, 501, 502, 503, and 504.
Specialization Courses: Students must complete at least one three-course specialization in a substantive field of planning. Students may select from the following approved specializations or develop their own with faculty approval.
Community Development—UPP 540, UPP 541, and another 540 series or faculty approved course.
Economic Development—UPP 530, UPP 531, and another 530 series or faculty approved course.
International Development—UPP 520, UPP 521, and another 520 series or faculty approved course.
Physical Planning—UPP 550, UPP 551 and UPP 552.
Urban Transportation—UPP 560, UPP 561 and UPP 562.
Methods Courses: Students must take at least two methods courses approved by their advisor.

Comprehensive Examination
None.

Thesis, Project, or Coursework-only options
Thesis or project. No other options available.
   Thesis: No more than 16 hours of UPP 598 can be applied to the degree.
   Project: No more than 4 hours of UPP 597 can be applied to the degree.

Other Requirements
Continuous Registration: Students who have completed all degree requirements except the thesis/project must register for zero credit hours to maintain continuity of registration.
   Internship: Students must complete an approved one-term internship and register for UPP 591 Professional Practice Seminar.

Doctor of Philosophy in Urban Planning and Policy
Minimum Semester Hours Required: 96 from the baccalaureate, up to 72 from the master’s.
Coursework
Required Courses: UPP 503 (or alternate), 513 (or alternate), 583 and 584. Must demonstrate competency in urban theory, policy evaluation and economic analysis through previous master’s degree or coursework.

Plan of Study: Each student must have a written plan of study approved by an advisory committee.

Specialization Courses: At least 28 hours must be taken in the area of specialization, selected in consultation with a faculty committee. At least 8 hours in advanced research design and methods are required in the area of specialization. Specializations include physical planning, urban transportation, community development, economic development, international development or another faculty approved specialization.

Examinations
Preliminary Examination: Required; written. An oral examination may also be required at the discretion of the committee.

Dissertation
Required.

Other Requirements
Career Training: Students must complete an internship in a public or private agency; a collaborative faculty/student research project; or classroom teaching under faculty supervision. No more than 12 hours of credit for career training can be applied to the degree.