

College of Applied Health Sciences

BIOMEDICAL VISUALIZATION

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

Campus Location: 250 AHSB
Program Code: 20FS1075MS
Telephone: (312) 996-6317
E-mail: bhis@uic.edu
Web Site: <http://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) in Biomedical Visualization. Course work and research focus on the general areas of computer-based illustration and design; computer visualization; and prosthetics/3-D 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 an IBHE Certificate in Health Informatics.

Admission Requirements

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

Master of Science

- **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). Course work in sculpture is recommended for applicants interested in prosthetics/3-D model design; course work in computer graphics is recommended for applicants interested in computer visualization; and course work in painting and illustration is recommended for applicants interested in illustration and design.
- **Grade Point Average** At least 3.00/4.00 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. Test scores are required for all but applicants with a graduate or professional degree at the master's and doctoral level (e.g., MS, MA, MFA, PhD, ScD, MD, DDS, DO, DrPH, PharmD) from an accredited U.S. or Canadian school. The prior training must be relevant to the basic field of the area of concentration. Applicants with the above stated degree from foreign schools whose application processes are sponsored by an accepted referral services, such as AFGRAD or AMIDEAST, are considered.

- **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. Applicants taking the new Internet-based TOEFL must have a minimum score of 95, with subscores of Reading 24, Listening 22, Speaking 24, and Writing 24.
- **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:

Master of Science

- **Minimum Semester Hours Required** 50–52.
- **Course Work** *Required Courses:* ANAT 441; BHIS 405, 499, 500, and 595; and BVIS 400, 405, 410 (or the equivalent), 415, 420, 430, 440, 450, 460, 480, and 595.
- *Selectives:* 10 hours from among ANAT 414; BVIS 515, 520, 525, 530, 540, 542, 545, 546, 550, 555, 580, 594, and 596.
- **Comprehensive Examination** None.
- **Thesis, Project, or Course-Work-Only Options** Thesis or project required. No other options are 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 (MC 626)
1640 West Roosevelt Road
Chicago, IL 60608-6904

Campus Location: 436 DHSP
Program Code: 20FS1165MS
Telephone: (312) 413-1647
E-mail: DHD@uic.edu

Web Site: <http://www.ahs.uic.edu/dhd>
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 concentrations of (1) Disability Studies and Social Policy and (2) Rehabilitation Technology. An interdepartmental concentration in Gender and Women's Studies is available to students in this program. The program articulates closely with the PhD program in Disability Studies. For further information on the Doctor of Philosophy in Disability Studies, see *Disability Studies* in the *College of Applied Health Sciences* section of the 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:

Master of Science

- **Baccalaureate Field** No restrictions.
- **Grade Point Average** At least 3.00/4.00 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); 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (new Internet-based TOEFL).
- **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 15 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:

Master of Science

- **Minimum Semester Hours Required** 36.
- **Course Work** 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 minimum of 13 elective hours must be taken. 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 510.
- **Concentration 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 are 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 546 or DHD 515 or an equivalent graduate-level statistics course, and must complete at least 8 hours of DHD 598.
- **Project:** Students must complete at least 4 hours of DHD 597. Students electing the project option must complete an additional 7 semester hours of course work to reach the 36 hours required for the degree. The additional hours may be taken in the form of elective courses or project hours.

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 adviser. See *Gender and Women's Studies* in the *College of Liberal Arts and Sciences* section for more information.

DISABILITY STUDIES

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

Campus Location: 215 DHSP
Program Code: 20FS1166PHD
Telephone: (312) 996-1508
E-mail: sr22@uic.edu
Web Site: <http://www.ahs.uic.edu/dis>
Academic Coordinator: Sarah Rothberger
Director of Graduate Studies: Carol J. Gill

The Department of Disability and Human Development offers work leading to the Doctor of Philosophy in Disability Studies. The department also offers the Master of Science in Disability and Human Development; see that section of the catalog for more information. The Interdepartmental Concentration in Gender and Women's Studies is available to students in these degree programs.

Admission Requirements

Applicants will be considered on an individual basis by the Admission Committee for the doctoral program in Disability Studies. Individuals who fail to meet one or more criteria for admission may be admitted conditionally if their applications are otherwise strong and the applicant agrees to work with her/his mentor to address these gaps through courses and other recommended work.

To establish a mentor relationship, 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 PhD program will arrange such meetings for applicants upon request.

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

Doctor of Philosophy

- **Baccalaureate Field** No restrictions.
- **Prior Degrees** A master's degree is not required but is recommended for admission to the program.
- **Grade Point Average** At least 3.00/4.00 for the final 60 semester hours (90 quarter hours) of undergraduate study and a minimum of 3.00/4.00 for all work beyond the baccalaureate level.
- **Tests 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); 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (new Internet-based TOEFL).
- **Letters of Recommendation** Three required.
- **Personal Statement** Required.
- **Deadlines** The application deadline is January 1.

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 advisor chosen from the faculty of the program. The advisor will monitor the student's progress through the program and serve as the chair for the dissertation committee.

Doctor of Philosophy

- **Minimum Semester Hours Required** 96 semester hours beyond the baccalaureate degree.
- **Course Work** *Required Courses:* DHD 501, 502, 510, 541, and 2 hours of 592. At least 2 additional research courses appropriate to the student's research interests are chosen with an advisor. A minimum of 9 research method course credit hours are required.
- **Elective Courses:** 24 semester hours of study in a content area, chosen in consultation with the student's advisor. At least 12 hours must be from within the College of Applied Health Sciences.
- **Examinations** *Preliminary Examination:* Required, written and oral.
- **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

advisor. Students entering with a master's degree may have this requirement waived if they have completed equivalent work on a master's thesis.

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. See *Gender and Women's Studies* in the *College of Liberal Arts and Sciences* section for more information.

HEALTH INFORMATICS

Mailing Address:

Office of Graduate Programs (MC 530)
Biomedical and Health Information Sciences
College of Applied Health Sciences
University of Illinois at Chicago
1919 West Taylor Street, Room 250 AHSB
Chicago, Illinois 60612-7249

Campus Location: 250 AHSB
Program Code: 20FS1303MSU
Telephone: (866) 674-4842
E-mail: p.rocha@healthinformatics.uic.edu
Web Site: <http://healthinformatics.uic.edu>
Director of Graduate Studies: Dr. Larry Pawola

The Department of Biomedical and Health Information Sciences (BHIS) offers course work leading to an online 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 two joint-degree programs: the MS in Nursing (Administrative Studies)/MS in Health Informatics and the Doctor of Pharmacy/MS in Health Informatics. A postmaster's IBHE-Approved Certificate in Health Informatics is available for healthcare and IT professionals who already have a master's degree. A postbaccalaureate Campus Certificate in Health Informatics is available for healthcare and IT professionals who have a baccalaureate 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:

Master of Science

- **Baccalaureate Field** No restrictions.
- **Grade Point Average** At least 3.00/4.00 for the final 60 semester (90 quarter) hours of undergraduate study and for all cumulative graduate work previously taken.
- **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. Applicants taking the new Internet-

based TOEFL must have a minimum score of 95, with subscores of Reading 24, Listening 22, Speaking 24, and Writing 24.

- **Letters of Recommendation** Three required using the program's forms.
- **Personal Statement** Required. The statement should address the applicant's goals for graduate study and career development.
- **Resume**
- **Other Requirements** Prior academic work must include a course in basic computing skills (or comparable experience) and one course in graduate-level basic statistics taken within the last five years for students in the project research and thesis tracks. The latter may be taken upon matriculation. The following prerequisites for the health informatics program may be taken upon matriculation, as equivalent course work, or as healthcare experience: HIM 310—Introduction to the Healthcare System and HIM 317—Principles of Health Information Management (Content of the Health Record).

MS in Health Informatics/MS in Nursing (Administrative Studies)

To be admitted to the joint program, a student must meet the admissions criteria of each individual master's degree program. The program of study may be completed on a full- or part-time basis.

MS in Health Informatics/Doctor of Pharmacy

To be admitted to the joint program, a student must meet the admissions criteria of each individual degree program. Students are considered for admission to the PharmD program with a minimum of 62 semester hours of accrued undergraduate credit; however, the MS in Health Informatics requires an earned bachelor's degree. For students who apply to the PharmD without a baccalaureate degree, the program provides a course planner showing the sequence of course work that meets the intent of the previously earned bachelor's degree admissions requirement for the MS. Students will be permitted to take BHIS 460, available to upper-level undergraduate students, in the fall of their second year in the PharmD curriculum. They will be accepted to the MS in Health Informatics the spring of their second year, at the point in the PharmD curriculum in which they will have accrued 128 semester hours—the baccalaureate equivalent.

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.
- **Course Work** *Required Courses for All Tracks:* BHIS 437, 499, 503, 505, 510, 511, 515, 520, 525, and 537.
- *Required Courses for Project and Thesis Research Tracks:* BHIS 500 and 595.
- *Required Courses for Course-Work-Only Track:* BHIS 530.
- *Electives:* Choice of electives to reach the minimum 45 hours should be guided, in consultation with the advisor, by the area of interest and the student's professional experience. BHIS 538, 546, or 580 are recommended electives for those in the course-work-only track.
- **Comprehensive Examination** None.
- **Thesis, Project, or Course-Work-Only Option**
- *Thesis:* Students must earn at least 8 hours in BHIS 598.

- *Project:* Students must earn at least 4 hours in BHIS 597.
- *Course Work Only:* Requires course work as indicated above and electives to total a minimum of 45 credit hours.
- **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 in Health Informatics/MS in Nursing (Administrative Studies)

- **Minimum Semester Hours Required** 65.
- **Course Work** *Core Courses in Nursing:* NUSC 525, 526, 527, 528, 529, and 597 or 598.
- *Specialty Courses in Nursing:* NUAS 501, 502, 505, 512, 517, 520.
- *Required Courses in Health Informatics:* BHIS 437, 503, 505, 510, 511, 525, 537, and 13–15 hours of BHIS electives. BHIS 515, 517, and 520 are recommended electives for the Informatics Nurse Certification Exam.

MS in Health Informatics/Doctor of Pharmacy

- **Minimum Semester Hours Required** 153–157.
- **Course Work** *Core Courses in Pharmacy:* PHAR 321, 322, 323, 324, 331, 332, 333, 341, 342, 343, 344, 345, 346, 352, 353, 354, 355, 356, 365, 400, 401, 402, 403, 404, 405, 406, 407, and 408; PHYB 301 and 302.
- *Clerkship Courses in Pharmacy:* 24 hours.
- *Core Courses in Health Informatics:* BHIS 437, 500, 510, 511, 525, 537, 580; BHIS 597 or 598.
- *Elective Courses in Health Informatics:* BHIS 515, 520.
- **Thesis, Project, or Course-Work-Only Option** Thesis or project. No other options are available.

IBHE CERTIFICATE IN HEALTH INFORMATICS

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

Campus Location: 250 AHSB
Program Code: 20FS1303CASU
Telephone: (866) 674-4842
E-mail: p.rocha@healthinformatics.uic.edu
Web Site: <http://healthinformatics.uic.edu>
Director of Graduate Studies: Dr. Larry Pawola

UIC's online IBHE postmaster's certificate in health informatics program provides opportunities for self-motivated, experienced health care or IT professionals who have already attained at least a master's-level degree, to attain high level knowledge about the application and management of computers within the healthcare setting.

All courses are delivered using online instruction that provides quality learning in a structured environment for healthcare professionals, as well as those working in public health, health information or technology management, and management-level business professionals.

This certificate signifies that graduates are conversant in the implementation, operation, and control of health information systems. Course work emphasizes development of a state of the art skill set and knowledge base grounded in healthcare information sciences.

Admission Requirements

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

IBHE Certificate

- **Prior Degrees** At minimum, an earned degree at the master's level from any accredited graduate program is required. For those with an MBA, the degree must be granted either by UIC or another school accredited by AACSB International—The Association to Advance Collegiate Schools of Business.
- **Transcripts** An official transcript sent in a signed, sealed envelope from each postsecondary institution attended.
- **Grade Point Average** At least 3.00/4.00 for the terminal degree work.
- **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. Applicants taking the new Internet-based TOEFL must have a minimum score of 95, with subscores of Reading 24, Listening 22, Speaking 24, and Writing 24.
- **Personal Statement** The statement should address the applicant's desired outcomes and benefits from completion of the certificate program.
- **Interview** Applicant must interview by phone to determine eligibility, interest, and purpose of graduate study.
- **Resume** Applicant should submit a resume that highlights education and work experience.
- **Deadlines** The application deadlines are as follows: August 1 for fall semester; December 1 for spring semester; and May 1 for summer session.

Degree Requirements

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

IBHE Certificate

- **Prerequisites** This certificate requires completion of the following prerequisite courses (or equivalent course work or professional experience). These courses are most typically taken upon admission to the certificate program.
 - HIM 310—Introduction to the Healthcare System
 - HIM 317—Principles of Health Information Management
- **Minimum Semester Hours Required** 24.
- **Course Work** *Required Courses:* BHIS 437, 460, 510, 515, 520, 525, 530.

Technical Requirements

- **Computer Literacy** All students enrolled in this program are expected to have working knowledge of the following: microcomputer operating system, word processing, spreadsheets, electronic mail, Internet browsers.
- **Technology Recommendations** The student should have access to a computer with the following minimum requirements:

PC Users

- Processor: Minimum Pentium III
- Memory: 1GB RAM minimum
- Hard Drive: 40 GB or more with 8GB free space preferred
- Modem: A cable or DSL connection is preferred
- CD-ROM: A CD-ROM reader
- Sound Card: SoundBlaster 32-bit compatible
- Video Card: SVGA 1024x768 resolution
- Monitor: 15 inch SuperVGA color monitor
- Operating System: XP, Vista
- Software: An active antivirus program and an office suite such as Microsoft Office
- Other: An Internet Service Provider (ISP) is recommended for access from outside the (312) area code. The student must secure an active UIC netid and valid password upon initial registration.

MAC Users

- Mac G4 or G5 running OS 10 (or higher)
- Minimum of 1 GB RAM
- 40 GB HD

KINESIOLOGY

Mailing Address:
Department of Kinesiology and Nutrition (MC 517)
1919 West Taylor Street
Chicago, IL 60612-7256

Campus Location: 650 AHSB
Program Codes: 20FS0351MS
Telephone: (312) 996-4600
E-mail: kndept@uic.edu
Web Site: <http://www.ahs.uic.edu/kn>
Head of the Department: TBA
Director of Graduate Studies: Daniel Corcos

The Department of Kinesiology and Nutrition offers work leading to degrees at both the master's and doctoral levels.

- MS in Kinesiology
- MS in Nutrition
- PhD in Kinesiology, Nutrition, and Rehabilitation

Kinesiology, nutrition, and rehabilitation are multidisciplinary fields that draw upon and integrate subject matter from a variety of disciplines. The master's degree program in Kinesiology as a terminal degree (i.e., not leading to a PhD) is most appropriate for students who wish to apply and critically evaluate their knowledge through practice in healthcare or industry settings and can be combined, for example, with focused course work in other fields such as public health, toxicology, business, or education. Doctoral studies are also available and are designed to lead to academic research and teaching careers or to research careers in government or industry.

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** Applicants for graduate study may come from the entire spectrum of undergraduate fields, or from other health professions such as medicine or nursing. Some applicants may not meet all course prerequisites without having to take selected additional undergraduate course work. Minimum prerequisites for full admission to graduate study can be obtained from the department.
- **Grade Point Average** At least 3.00/4.00 for the final 60 semester (90 quarter) hours of undergraduate study (3.25 preferred); and 3.50/4.00 for all graduate work.
- **Tests Required** GRE General, with a minimum combined verbal and quantitative score of 1000.
- **Minimum TOEFL Score** 550 (paper-based); 213 (computer-based); 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (new Internet-based TOEFL).
- **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

Master of Science in Kinesiology—concentrations in Applied Exercise Physiology; and Motor Control and Biomechanics

Note: Beginning with the Spring 2009 semester, the Movement Sciences (MVSC) rubric will change to Kinesiology (KN).

- **Minimum Semester Hours Required** 32 for thesis or project options. 40-hour course-work-only or internship options are also available.
- **Course Work** MS students completing a thesis or project will generally take 27 hours of course work and independent research and then earn 5 hours for the thesis or project.
- The Applied Exercise Physiology concentration offers an internship option. Students completing the internship option will take 28 hours of course work and independent research and complete an internship worth 12 semester hours.
- Students who complete the 40-hour, course-work-only option are required to take at least 12 hours at the 500-level.
- All MS students are required to take MVSC 500—Evidence-Based Practice in Kinesiology and Nutrition.
- The required courses in each concentration are as follows:
- *Applied Exercise Physiology*: MVSC 452, 460, 545, DHD/MVSC 520, and a graduate-level class in management or marketing.
- *Motor Control and Biomechanics*: MVSC 472, 501, MVSC/PT 571, MVSC 572, MVSC/PT 574.
- Remaining hours can be met by kinesiology and nutrition 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** Students who wish to perform an internship in Applied Exercise Physiology must first pass a comprehensive examination.

- **Thesis, Project, Internship, or Course-Work-Only Options** Students select the thesis, project, internship, or course-work-only option.
- *Thesis*: A minimum of 5 hours of MVSC 598 is required; generally 6 hours are taken.
- *Project*: A minimum of 5 hours of MVSC 597 is required; generally 6 hours are taken.
- *Internship*: A minimum of 12 hours of MVSC 593 is required.
- *Course Work Only*: 40 hours course work only.

KINESIOLOGY, NUTRITION, AND REHABILITATION

Mailing Address:
Department of Kinesiology and Nutrition (MC 517)
1919 West Taylor Street
Chicago, IL 60612-7256

Campus Location: 650 AHSB
Program Codes: 20FS5173PHD
Telephone: (312) 996-4600
E-mail: kndept@uic.edu
Web Site: <http://www.ahs.uic.edu/kn>
Department Head: TBA
Director of Graduate Studies: Daniel Corcos

The Department of Kinesiology and Nutrition offers programs leading to degrees at both the master's and doctoral levels.

- MS in Kinesiology
- MS in Nutrition
- PhD in Kinesiology, Nutrition, and Rehabilitation

Kinesiology, nutrition, and rehabilitation are multidisciplinary fields that draw upon and integrate subject matter from a variety of disciplines (e.g., anatomy, biochemistry, biomechanics, motor control, molecular and cell biology, neuroscience and physiology as well as epidemiology, physical and cultural anthropology, sociology, and behavioral psychology). The master's degree programs in Kinesiology or Nutrition as a terminal degree (i.e., not leading to a PhD) are most appropriate for students who wish to apply their knowledge through practice in healthcare or industry settings and can be combined, for example, with focused course work in other fields such as public health, toxicology, business, or education. Doctoral studies are designed to lead to academic research and teaching careers or to research careers in government or industry. Students are given the opportunity to conduct research that is related to fundamental questions related to kinesiology, nutrition, and rehabilitation. In addition, there is a focus on rehabilitation issues of clinical relevance to the professions of occupational therapy and physical therapy.

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:

Doctor of Philosophy

- **Baccalaureate Field** Applicants for graduate study may come from the entire spectrum of undergraduate fields, or from other health professions such as medicine or nursing. Some applicants may not meet all course prerequisites without having to take selected additional undergraduate course work. Minimum prerequisites for full admission to graduate study can be obtained from the department.

- **Grade Point Average** At least 3.00/4.00 for the final 60 semester (90 quarter) hours of undergraduate study (3.25 preferred); and 3.50/4.00 for all graduate work.
- **Tests Required** GRE General; minimum combined verbal and quantitative score of 1100.
- **Minimum TOEFL Score** 550 (paper-based); 213 (computer-based); 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (new Internet-based TOEFL).
- **Letters of Recommendation** Three required.
- **Personal Statement** Required.
- **Other Requirements** Candidates for direct admission to PhD 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 are welcomed at any time. All applicants for admission for PhD study are encouraged to interview with the graduate faculty, and such interviews may be required before an admissions decision is made. Contact the department at (312) 996-4600 for more information.

Degree Requirements

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

Doctor of Philosophy

- **Minimum Semester Hours Required** 96 from the baccalaureate.
- **Course Work** 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 (A to F), not project, thesis, or independent study, or seminar courses that are graded Satisfactory (S) or Unsatisfactory (U).
- **Examinations**
 1. Preliminary exam
 2. Dissertation proposal
 3. Dissertation defense
- **Dissertation** Required. Students must earn at least 32 hours using a 599 rubric.
- **Other Requirements** All PhD students are expected to participate in the teaching programs of the College of Applied Health Sciences.

NUTRITION

Mailing Address:
Department of Kinesiology and Nutrition (MC 517)
1919 West Taylor Street
Chicago, IL 60612-7256

Campus Location: 650 AHSB
Program Codes: 20FS1506MS
Telephone: (312) 996-4600
E-mail: kndept@uic.edu
Web Site: <http://www.ahs.uic.edu/kn>
Head of the Department: TBA
Director of Graduate Studies: Daniel Corcos

The Department of Kinesiology and Nutrition offers programs leading to degrees at both the master's and doctoral levels.

- MS in Nutrition
- MS in Kinesiology
- PhD in Kinesiology, Nutrition, and Rehabilitation

Kinesiology, nutrition, and rehabilitation are multidisciplinary fields that draw upon and integrate subject matter from a variety of disciplines. The master's degree program in Nutrition as a terminal degree (i.e., not leading to a PhD) is most appropriate for students who wish to apply and critically evaluate their knowledge through practice in healthcare or industry settings and can be combined, for example, with focused course work in other fields such as public health, toxicology, business, or education. Doctoral studies are also available and are designed to lead to academic research and teaching careers or to research careers in government or industry.

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:

Master of Science

- **Baccalaureate Field** 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. Some applicants may not meet all course prerequisites without having to take selected additional undergraduate course work. Minimum prerequisites for full admission to graduate study can be obtained from the department.
- **Grade Point Average** At least 3.00/4.00 for the final 60 semester (90 quarter) hours of undergraduate study (3.25 preferred); and 3.50/4.00 for all graduate work.
- **Tests Required** GRE General; minimum combined verbal and quantitative score of 1000.
- **Minimum TOEFL Score** 550 (paper-based); 213 (computer-based); 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (new Internet-based TOEFL).
- **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 from the baccalaureate.
- **Course Work** Selected in consultation with an advisor and individualized to the student's goals.
- **Comprehensive Examination** None.
- **Thesis, Project, or Course-Work-Only Options** Students select one of these options.
 - *Thesis:* Students selecting the thesis track must earn at least 5 hours in HN 598.
 - *Project:* Students selecting the project track must earn at least 5 hours in HN 597.
 - *Course Work Only:* Students selecting course work only must complete at least 36 hours of 400- and 500-level courses.

OCCUPATIONAL THERAPY

Mailing Address:

Department of Occupational Therapy (MC 811)
1919 West Taylor Street
Chicago, IL 60612-7250

Campus Location: 311 AHSB

Program Codes: 20FS1511MS (Professional/Entry-Level MS); 20FS1510MS (Post-Professional MS); 20FS5000OTD (OTD)

Telephone: (312) 996-6901

E-mail: OTDept@uic.edu

Web Site: <http://www.ahs.uic.edu/OT>

Head of the Department: Yolanda Suarez-Balcazar

Director of Graduate Studies: Gary Kielhofner

The Department of Occupational Therapy offers a Professional Master of Science degree for students who have a bachelor's degree in another area. This program prepares students to be eligible for a national certification examination and for practice as an occupational therapist. Students are admitted in a course-only option but may petition to complete a graduate project or thesis. The department also offers a program leading to a Post-Professional MS degree for students who are occupational therapists and who desire an advanced degree. 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). Finally, the Doctor of Occupational Therapy (OTD) degree provides students with advanced professional knowledge and skills in advanced therapeutic work, administration and leadership, and/or professional education. Students ordinarily choose a primary and secondary area of focus.

Please refer to the *Disability Studies* section 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

Applicants must obtain supplemental application materials from the department or Web site. Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

Professional Master of Science Degree (Entry-Level Degree)

- **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^b (equivalent to PSCH 320) and abnormal psychology^b (equivalent to PSCH 270); one course in statistics (equivalent to PSCH 343); one course in human physiology^b with laboratory, covering all structures and functions of the body (minimum of four semester hours); and one course in human anatomy^b with laboratory for a minimum of 4 semester hours (laboratory with 30 hours of human cadaver lab study required). A two-course sequence in human anatomy and physiology

is acceptable if it includes the cadaver laboratory (equivalent to MVSC 251 and 252). A cadaver lab is offered at UIC for accepted students who have not yet completed this requirement.

- **Grade Point Average** At least 3.00/4.00^a calculated on the last 60 semester (90 quarter) hours toward the first bachelor's degree and subsequent course work.
- **Tests Required** GRE General; combined verbal and quantitative scores should be at least 1000^a. GRE Writing assessment; no minimum score is required.
- **Minimum TOEFL Score** 550 (paper-based); 213 (computer-based); 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (new Internet-based TOEFL).
- **Letters of Recommendation** Three required.
- **Personal Statement** Required. A curriculum vitae is also required.

Post-Professional Master of Science Degree

- **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 3.00/4.00^a calculated on the last 60 semester (90 quarter) hours toward the first bachelor's degree and subsequent course work.
- **Tests Required** GRE General; combined verbal and quantitative scores should be at least 1000, with a minimum score of 400 in the verbal section.^a
- **Minimum TOEFL Score** 550 (paper-based); 213 (computer-based); 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (new Internet-based TOEFL).
- **Letters of Recommendation** Three required.
- **Personal Statement** Required.

Doctor of Occupational Therapy

- **Prior Degrees** Students must have completed a bachelor's or master's degree by the time they enroll in occupational therapy course work. The OTD Admissions Committee reserves the right to determine the appropriateness of any graduate work completed by an applicant and may limit transfer credit.

Students who have earned a bachelor's degree in OT will have two options: (1) admission and matriculation directly into the OTD program, in which case the student will complete a minimum of 90 hours, or (2) concurrent admission and matriculation into the department's MS degree program and the OTD. In this case, the student's master's degree would be earned after completing the required 36 hours, and a minimum of 58 additional hours would be taken before the OTD is awarded. Both of these options require the student to matriculate full time for 3 years.

Students who have earned a master's degree previously may be admitted to the OTD program. Up to 32 hours of the previous master's degree can be approved for application to the OTD requirements. A minimum of 60 hours would be taken before the OTD is awarded. Students will be required to matriculate full time for a minimum of three semes-

ters to complete the OTD requirements postmaster's.

- **Grade Point Average** A minimum of 3.00/4.00^a for all work beyond the baccalaureate level and at least 3.00^a for the final 60 semester hours (90 quarter hours) of undergraduate study.
- **Tests 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); 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (new Internet-based TOEFL).
- **Letters of Recommendation** Three references pertaining to the applicant's academic skills, accomplishments, and potential for doctoral study are required.
- **Personal Statement** Each applicant is required to submit a 3–5 page statement addressing his or her goals for professional doctoral study and career development. A curriculum vitae is also required.

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

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

Nondegree students may be accepted into the post-professional MS and the OTD program on a limited basis. Nondegree applicants must submit transcripts, personal statement, and curriculum vitae, in addition to the graduate application. Instructor permission is required prior to registration. Nondegree students may apply for matriculation as degree-seeking students and may petition to have up to 12 nondegree credits applied to degree requirements.

Degree Requirements

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

Professional Master of Science Degree (Entry-Level Degree)

- **Minimum Semester Hours Required** 36.
- **Course Work** 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 Occupational Therapy 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, and its Web site is <http://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 optional. Students may earn the degree through course work only.
- **Thesis:** Students who elect to complete a thesis must earn at least 8 hours in OT 598.
- **Project:** Students who elect to complete a project must earn at least 4 hours, but no more than 8 hours, in OT 597.
- **Course Work Only:** Students who elect to complete the course-work-only option must earn at least 36 semester hours in required and elective courses to obtain the MS degree and a total of 74 hours to be eligible for the national certification examination.

Post-Professional Master of Science Degree

- **Minimum Semester Hours Required** 36.
- **Course Work** Required Courses: OT 500, 510, 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.

Doctor of Occupational Therapy

- **Minimum Semester Hours Required** 90 semester hours beyond the baccalaureate. Credit may be awarded for other relevant graduate work completed at UIC or another accredited institution. Any credit will be determined on an individual basis by the Admission Committee. All students are required to earn a minimum of 58 semester hours in formal course work in the program.
- **Course Work Core Courses** (18–26 hours): OT 500, 510, 590, 595, and either 530, 531, or 532.
- **Concentration Courses (20 hours):** Students select a primary and secondary concentration from the following three options: Advanced Therapeutic Work, Administration and Leadership, and Professional Education. The combination of courses for the concentration will be chosen by the student in consultation with the advisor and must be approved by the curriculum committee.
- **Elective Courses:** Students choose 10–16 hours of elective courses which may be taken from within and/or outside the department.
- **Field Examination** Required.
- **Thesis, Project, or Course-Work-Only Options** Project required. No other options are available.
- **Project:** Students must complete at least 20 hours of OT 592.

PHYSICAL THERAPY

Mailing Address:
Department of Physical Therapy (MC 898)
1919 West Taylor Street
Chicago, IL 60612-7251

Campus Location: 456 AHSB
Program Code: 20FS1582MS
Telephone: (312) 996-7765
E-mail: aaruin@uic.edu
Web Site: <http://www.ahs.uic.edu/pt/>

Acting Head of the Department: Mary Keehn
Director of Graduate Studies: Alexander Aruin

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* section 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

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

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

Master of Science

- **Prior Degrees** Entry-level professional degree in physical therapy.
- **Grade Point Average** At least 3.00/4.00.
- **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); 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (new Internet-based TOEFL).
- **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:

Master of Science

- **Minimum Semester Hours Required** 36.
- **Course Work** 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 400); a research methods course (e.g., MVSC 500, 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 are 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.

PROFESSIONAL PROGRAM PHYSICAL THERAPY

Mailing Address:
College of Applied Health Sciences
Department of Physical Therapy (MC 898)
1919 W. Taylor Street
Chicago, IL 60612-7251
Campus Location: Room 455, Applied Health Sciences
Building
Telephone: (312) 996-1505
E-mail: demetra@uic.edu
Web Site: <http://www.ahs.uic.edu/pt/>
Director of DPT Admissions: Demetra John PT, PhD

The College of Applied Health Sciences offers the Doctor of Physical Therapy degree. The DPT is the entry-level degree for people who want to become physical therapists. At the University of Illinois at Chicago, students complete eight terms (33 months) of didactic and clinical education that includes lecture courses, laboratory courses, seminars, and clinical internships.

UIC DPT graduates are ahead of the curve: The overall licensure exam pass rates have been 100% for the last two years. The job market is strong. All graduates responding to a survey one year after graduation report they are working as physical therapists in diverse clinical settings.

Physical therapist education at UIC has been continuously accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE) since 1973. Our Doctor of Physical Therapy program was most recently accredited for 10 years, in November 2007. The Doctor of Physical Therapy program offer students the following:

- unique opportunities to work with different patient populations such as pediatrics and geriatrics
- a diverse student body representing a myriad of cultures and economic backgrounds
- access to the University of Illinois Medical Center, including opportunities for clinical internships
- world-class faculty in all major physical therapy specialties, including researchers with labs on site
- an ever-increasing selection of elective courses in pediatrics, women's health, and urban health
- a prime location in the heart of Chicago
- a top-notch academic program that is highly ranked by *U.S. News & World Report*

The Doctor of Physical Therapy at UIC is considered a professional clinical doctorate degree program, not a graduate program. Applications for this program are processed through the Department of Physical Therapy. For more information on the DPT program, admission requirements, and the application process, please consult the following Web sites:

- DPT admission process and requirements: http://www.ahs.uic.edu/pt/programs/dpt_apply.php
- DPT degree requirements: http://www.ahs.uic.edu/pt/programs/dpt_requirements.php
- DPT clinical opportunities: http://www.ahs.uic.edu/pt/programs/dpt_clinical.php
- DPT faculty information: <http://www.ahs.uic.edu/ahs/php/section.php?sitename=pt&id=532>