

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 a 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 *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: PhD in Disability Studies Program
College of Applied Health Sciences
(MC 626)
1640 West Roosevelt Road,
Room 215
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/ahs/php/index.php?sitename=dis>

Academic Coordinator: Sarah Rothberger

Director of Graduate Studies: Carol J. Gill

The College of Applied Health Sciences offers work leading to the Doctor of Philosophy in Disability Studies. An interdepartmental concentration in Gender and Women's Studies is available to students in this program.

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.

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.

Doctor of Philosophy

Minimum Semester Hours Required 96 semester hours beyond the baccalaureate degree.

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

HEALTH INFORMATICS

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

Campus Location: 250 AHSB

Program Code: 20FS1303MS

Telephone: (312) 996-6317

E-mail: bhisgrad@uic.edu

Web Site: <http://www.bhis.uic.edu>

Director of Graduate Studies: Dr. Annette L. Valenta

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



evaluating, implementing, and utilizing technology to manage all information related to the patient care delivery process: clinical, financial, technological, and enterprise. BHIS participates in two joint degree programs, the MS in Health Informatics/MS in Nursing and the MS in Health Informatics/Doctor of Pharmacy. An online certificate in health informatics is available for healthcare 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:

Master of Science

Baccalaureate Field No restrictions. The baccalaureate degree must be consistent with the applicant's chosen area of study and career goals within health informatics.

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 assessments, GMAT, or MCAT. Only scores from the MCAT exam administered from the year 1991 and after will be accepted.

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 template.

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

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. 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, HIM 317—Principles of Health Information Management (content of the health record), and BHIS 460—Introduction to Health Informatics.

MS in Health Informatics/MS in Nursing

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: BHIS 437, 499, 500, 503, 505, 510, 511, 525, 537, 580, and 595.

Electives: Choice of electives to reach a minimum of 45 hours should be guided, in consultation with adviser, by the area of interest.

Comprehensive Examination None.

Thesis, Project, or Course-Work-Only Option Thesis or project required. No other options are 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 in Health Informatics/MS in Nursing

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 Course 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.

HUMAN NUTRITION

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

Campus Location: 650 HHDSB

Program Codes: 20FS1326MS (MS);
20FS1326PHD (PhD)

Telephone: (312) 996-8055

E-mail: nutrition@uic.edu

Web Site: [http://www.ahs.uic.edu/ahs/php/
?sitenam=hn](http://www.ahs.uic.edu/ahs/php/?sitenam=hn)

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 PhD) is most appropriate for students who wish to apply their nutrition 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, movement sciences, 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:

Master of Science and Doctor of Philosophy

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. 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 course work. Minimum prerequisites for full admission to graduate study in nutrition 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.

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.

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, especially PhD candidates, are welcomed at any time. All applicants for direct admission for PhD 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.

Course Work *Required Courses:* HN 410, 480, 510, and 595; AHS 510; BSTT 400; BCMG 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 are available. Students must earn at least 7 hours in HN 598.

Doctor of Philosophy

Minimum Semester Hours Required 96 from the baccalaureate.

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

Electives: Choice of electives should be guided by the subarea of interest, in consultation with advisers.

Preliminary Examination Required. Through written and oral qualifying examinations, all PhD 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
(MC 194)
901 West Roosevelt Road
Chicago, IL 60608-1516

Campus Location: 337 PEB

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

Telephone: (312) 996-9685

E-mail: mvsc@uic.edu

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

Department Head: Mark Grabiner

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. MS candidates pursue course work and research concentrating 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 chemistry, exercise physiology, and human biomechanics (kinesiology).

Grade Point Average At least 3.00/4.00 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); 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (new Internet-based TOEFL).

Letters of Recommendation Three required from past professors able to evaluate the applicant's aptitude and potential for graduate study.

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

Doctor of Philosophy

Prior Degrees No restrictions. However, all doctoral applicants must have at least one semester of undergraduate course work in physics and calculus; applicants who intend to perform research in exercise biology must have at least one year of biology and one semester of biochemistry.

Grade Point Average At least 3.00/4.00 for the final 60 semester (90 quarter) hours of undergraduate study, and at least 3.50/4.00 for any previous graduate work.

Tests Required GRE General with a minimum combined score of 1100 on the quantitative and verbal 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 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 (thesis or project). 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. Of the course-work hours, at least 9 must be at the 500-level.

The Applied Exercise Physiology concentration offers an internship option. Students completing the internship option will take 28 hours of course work (which can include independent study and/or clinical rotations) and complete an internship worth 12 semester hours (40 hours total). Of the course-work hours, at least 9 must be at the 500-level.

Students who complete the 40-hour, course-work-only option are required to take at least 12 hours at the 500-level. Course-work-only students must also take MVSC 590—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/MVSC 520, 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 Students who wish to perform an internship in Applied Exercise Physiology must first pass a comprehensive examination. The departmental exam is waived if the student passes the American College of Sports Medicine (ACSM) certification exam for either “Exercise Specialist” or “Registered Clinical Exercise Physiologist.”

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.

Course Work: 40 hours course work only **or** course work and examination/internship (see above).

Doctor of Philosophy

Minimum Semester Hours Required 96.

Course Work *Required Courses:* MVSC 500, 501, 502, and an advanced statistics course. An additional 18 hours of graduate course work (not including independent study or thesis) is determined, in consultation with the adviser, based on interests and career goals of the individual student. 32 hours of credit earned from a related master’s degree can be applied toward the PhD following approval. Remaining hours consist primarily of credit for thesis research and independent study work.

Examinations

1. Preliminary exam
2. Dissertation proposal
3. Dissertation defense

Dissertation Required.

Other Requirements All PhD students are expected to participate in the teaching programs of the College of Applied Health Sciences.

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 may elect a course-only option or to complete a graduate project or thesis (with faculty approval). 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.

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

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

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 semesters 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.

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

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 non-degree 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. They also maintain a Web site at <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 adviser. 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 adviser 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/ahs/php/?sitename=pt>

Head of the Department: Suzann Campbell

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

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 adviser.

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.