



**University Graduate School
2007-2008
Academic Bulletin**

Health Sciences

**School of Health and Rehabilitation Sciences
Indianapolis**

Program Director
Professor Joyce MacKinnon

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Graduate Faculty

Professors
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Graduate Advisor
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Degree Offered

Master of Science in Health Sciences

Program Information

This graduate program is offered through the University Graduate School. The program's objective is to provide credentialed health care professionals information about current trends and issues in health care. This includes the growing use of technology, the use of evidence to inform practice decisions, and the use of outcome measures focused on the individual patient/client. Concurrently, the student is able to develop a concentration in a related cognate area including, but not limited to, education, management or advanced practice.

The program is designed for working health care professionals intending to work in educational or clinical settings who want to pursue advanced formal education that would encompass new technologies and ways of informing practice as well as permit flexibility in exploring a particular cognate area of interest. Many of the courses are offered in the evening or through distance education formats.

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Program Requirements

The program consists of a minimum of 36 credit hours, including a required 6 credit hour practicum or thesis. The program curriculum consists of three components: (1) health sciences core courses, (2) research courses to include the thesis or practicum, and (3) courses in the cognate area. The program director and the student formulate an academic program to assure relevance to the student's long-range professional plans.

Admission Requirements

Students accepted into the program must complete university, school, and program admission requirements. The minimum admission requirements are as follows.

1. A baccalaureate degree grade from an accredited institution (applicant must submit an official copy of all undergraduate transcripts).
2. Total undergraduate grade point average of 3.0 on a 4.0 scale.
3. Graduate Record Examination (GRE) scores of at least 500 on verbal and analytical sections OR for those students enrolled in the Certificate in Health Sciences Patient Centered Outcomes (see certificate description below), completion of all four courses in the certificate with a grade of B (3.0) or better in each course.
4. Two letters of recommendation from those familiar with the applicant's academic and professional performance.
5. Eligibility for license or credential in a health care profession.
6. 300-500 word personal statement of academic and professional goals.
7. If applicable, a TOEFL score of at least 600.

Exceptions to these requirements may be granted by the School of Health and Rehabilitation Sciences Academic Studies and Research Development Committee upon written petition from the applicant and with written recommendation from the Health Sciences program director. The petition must include a full statement of conditions justifying the exception. Conditional admission will be for a stated time period and will entail specific conditions to be met to receive regular admission status.

No student will be permitted to work toward a degree without first being admitted to the Master of Science Program.

Prior Course Work Applied Toward Degree Requirements

A maximum of 6 graduate credit hours earned at Indiana University before admission may be applied toward a degree. Upon the recommendation of the Health Sciences program director and with the approval of the School of Health and Rehabilitation Sciences Academic Studies and Research Development Committee, up to 8 credit hours of graduate work at other institutions may be transferred in partial fulfillment of degree requirements. No course may be transferred from another institution unless the course was completed with a grade of B or higher within five years before matriculation in the Master of Science degree program.

Application Materials

An applicant must submit completed application forms to the Office of Academic and Student affairs, School of Health and Rehabilitation Sciences. Transcripts from all universities attended must be included. Indiana University graduates should request that the registrar's office send unofficial copies of their transcripts. Non-Indiana University graduates must submit at least one official transcript from each university attended.

A nonrefundable application fee is required from all applicants who have never attended Indiana University.

Courses

A total of 36 credit hours will be required to complete the degree. The hours are allocated as follows:

Health Sciences Core Courses (12 credit hours)

AHLT W510 Trends and Issues in Health Sciences (3 cr.)

AHLT W520 Evidence Based Critical Inquiry in the Health Sciences (3 cr.)

AHLT W540 Patient Centered Outcomes Research (3 cr.)

INFO I530 Seminar in Health Informatics Applications (3 cr.)

All core courses are offered on-line as part of the Certificate in Health Sciences Patient Centered Outcomes.

Research

GRAD G651 Introduction to Biostatistics (or equivalent) (3 cr.)

AHLT W570 Research Communication (2-3 cr.)

AHLT W599 Thesis/non-thesis option (6 cr.)

Cognate Area (12 credit hours)

Students applying to the M.S. in Health Sciences must declare a cognate area in consultation with the program director. Examples of cognate areas include but are not limited to management/supervision, education, and advanced clinical concentration.

After identifying the cognate area and in consultation with the program director, the student will develop a plan of study in which all courses in the cognate area are identified. Listed below are some examples of possible cognate areas and possible courses within these areas. This list is meant to be illustrative and not comprehensive. The actual courses to be taken by each student would be determined in consultation with the program director and made formal in the student's plan of study.

Examples of Possible Cognate Areas and Possible Courses

Management/Supervision (15 credit hours)

NURS L573 Organizational Behavior (3 cr.)

NURS L574 Administrative Management (3 cr.)

NURS L575 Corporate/Public Policy (3 cr.)

NURS L651 Financial Management (3 cr.)

SPEA H514 Health Economics (3 cr.)

SPEA H508 Managing Health Accounting Information for Decision-Making (3 cr.)

SPEA H623 Health Care Applications of Strategic Management (3 cr.)

Education (15 credit hours)

EDUC P575 Developing the Human Potential (3 cr.)

EDUC H520 Sociology of Education (3 cr.)

EDUC H530 Philosophy of Education (3 cr.)

ACE D500 Adult Learning Theory (3 cr.)
ACE D505 The Adult as a Client of Education (3 cr.)
AHLT Z530 Clinical Education in the Health Sciences (3 cr.)
NURS T615 Nursing Curriculum (3 cr.)
NURS T670 Teaching of Nursing (3 cr.)
NURS D742 Legal and Ethical Issues in Nursing Education (3 cr.)
NURS W505 Interprofessional Collaboration in the Urban Schools and Communities (3 cr.)
NURS T550 Cultural/Community Forces and the Schools (3 cr.)

Advanced Clinical Concentration (15 credit hours)

AHLT N550 Human Nutritional Pathophysiology I (3 cr.)
AHLT N552 Human Nutritional Pathophysiology II (3 cr.)
AHLT N570 Pediatric Nutrition I (3 cr.)
AHLT N572 Advanced Pediatric Nutrition I (3 cr.)
AHLT P570 Pharmacology for Physical Therapists (3 cr.)
AHLT T580 Graduate Elective in Occupational Therapy (3 cr.)

Courses in Health Sciences

Courses in this department use the departmental code of AHLT.

W510 Trends and Issues in the Health Sciences (3 cr.) A seminar course to review pertinent literature and other sources of information as a basis for discussing trends and issues affecting the therapeutic professions and the health care delivery system.

W520 Evidence-Based Critical Inquiry in the Health Sciences (3 cr.) Fundamentals of research methodology, design, techniques, and procedures applicable to research problems in the allied health disciplines. Introduction to computer data analysis.

W540 Patient Reported Outcomes and Economic Evaluation (3 cr.) Exploration of selected patient reported outcomes assessment methodology and its use in economic evaluation.

W567 Patient Centered Therapeutic Outcomes Management (3 cr.) Students are exposed to patient/client centered outcome evaluation methods to determine health care status and the effectiveness of health care interventions.

W570 Research Communication in the Health Sciences (2-3 cr.) Focuses on the conceptualization and writing of the thesis or practicum proposal.

W599 Thesis in Health Sciences (3 cr.) Individual investigation in the form of an organized scientific contribution or comprehensive analysis in a specified area related to health sciences..