

INTEGRATED AND APPLIED SCIENCES, PH.D.

Saint Louis University's Integrated and Applied Sciences (IAS) Ph.D. with a concentration in Health and Rehabilitation Sciences is offered in the Doisy College of Health Sciences. This program exposes students to areas of health and rehabilitation sciences, encourages collaboration across programs, departments and academic units, and provides opportunities for presenting research to wide and diverse audiences.

Program Highlights

This program prepares students to become scholars and researchers in academic, clinical research, and/or practice settings. It allows students to pair their areas of study with interdisciplinary courses in biological, behavioral, psychosocial and environmental aspects of human health.

Students specialize in a health and rehabilitation sciences discipline content area that aligns with the research being conducted by their faculty mentor. Currently available areas of study are:

- Athletic training
- Clinical health sciences
- Nutrition and dietetics
- Occupational science and occupational therapy
- Physical therapy
- Speech, language and hearing sciences

Curriculum Overview

The health and rehabilitation sciences concentration utilizes interdisciplinary approaches and collaboration to prepare graduates to confidently assume multifaceted roles in the changing health care environment.

The distribution of courses is determined on an individual basis. The student and their faculty mentor develop an appropriate coursework track with subsequent review by and feedback from the program director and administrative committee, when appropriate. A typical coursework structure is detailed below. To review the research being done in the Doisy College of Health Science, please visit our research page (<https://www.slu.edu/doisy/doisy-research/>).

- HSCI 6220 Foundations of Scholarly Excellence - 2 credits
- Research Courses - 6 credits
- HSCI 6980 Graduate Independent Study in Health Sciences - 1 credit
- HSCI 6990 Dissertation Research - 12 credits
- Courses specific to the student's concentration (21 credits)

Careers

This research-intensive doctoral program trains students for careers in pharmaceutical, health care, and biochemical industries, as well as in academia.

Admission Requirements

The successful applicant possesses a minimum of a baccalaureate degree from an accredited, recognized college or university in a discipline relevant to the research of the integrated and applied sciences faculty mentor. Students are required to proactively identify and establish a

relationship with a faculty mentor whose research aligns with that of the student's interest prior to admission into the program. To review the research being done in DCHS, please visit our Doisy Research page (<https://www.slu.edu/doisy/doisy-research/>).

Application Requirements

- Identification of and an established relationship with a faculty mentor
- Application form and fee
- Transcript(s)
- **Three** letters of recommendation
- Curriculum vitae
- Professional goals statement

Requirements for International Students

All admission policies and requirements for domestic students apply to international students. International students must also meet the following additional requirements:

- Demonstrate English Language Proficiency (<https://catalog.slu.edu/academic-policies/office-admission/undergraduate/english-language-proficiency/>)
- Academic records, in English translation, of students who have undertaken postsecondary studies outside the United States must include:
 - Courses taken and/or lectures attended
 - Practical laboratory work
 - The maximum and minimum grades attainable
 - The grades earned or the results of all end-of-term examinations
 - Any honors or degrees received.
- WES and ECE transcripts are accepted.
- In order to be issued an I-20 for your F-1 visa application, students must submit financial documents. Proof of financial support that must include:
 - A letter of financial support from the person(s) or sponsoring agency funding the student's time at Saint Louis University
 - A letter from the sponsor's bank verifying that the funds are available and will be so for the duration of the student's study at the University

Review Process

The IAS program director reviews all application materials for completeness. Complete applications are forwarded to the identified faculty mentor for review and admission consideration. The program director then communicates the admission decision along with a description of the next steps to the student. The faculty mentor is copied on all admissions communications.

Tuition

Tuition	Cost Per Credit
Graduate Tuition	\$1,370

Additional charges may apply. Other resources are listed below:

Net Price Calculator (<https://www.slu.edu/financial-aid/tuition-and-costs/calculator.php>)

Information on Tuition and Fees (<https://catalog.slu.edu/academic-policies/student-financial-services/tuition/>)

Miscellaneous Fees (<https://catalog.slu.edu/academic-policies/student-financial-services/fees/>)

Information on Summer Tuition (<https://catalog.slu.edu/academic-policies/student-financial-services/tuition-summer/>)

Scholarships, Assistantships and Financial Aid

Students who identify an area of research and a qualified faculty mentor are accepted into the IAS Ph.D. with a concentration in health and rehabilitation sciences on a rolling basis. A limited number of research graduate assistantships are available each academic year. Assistantships and fellowships provide a stipend and may include health insurance and a tuition scholarship for the duration of the award.

Learning Outcomes

1. Graduates will demonstrate an understanding of the independent and interactive aspects of health sciences through intellectual inquiry and reflection.
2. Graduates will exhibit competency in designing and implementing health sciences research to advance knowledge while applying principles of ethical scientific inquiry/conduct.
3. Graduates will display the ability to translate research findings and communicate them to a variety of audiences for effective dissemination.
4. Graduates will articulate a long-term trajectory for an impactful scholarly leadership plan that will support a successful career path.

Requirements

Students must earn a grade of "C" or better to successfully complete each course taken in the program.

Code	Title	Credits
Required Courses		
HSCI 6220	Foundations of Scholarly Excellence	2
HSCI 6980	Graduate Independent Study in Health Sciences	1
Health and Rehabilitation Sciences Concentration		
Select twenty-one credits of courses with the Health and Rehabilitation Sciences Concentration attribute		21
Select six credits of courses with the Health and Rehabilitation Sciences Research attribute		6
Dissertation Research		12
HSCI 6990	Dissertation Research (taken over multiple semesters)	
Total Credits		42

Non-Course Requirements

Assuming successful completion of oral and written comprehensive exams, students typically complete the Ph.D. program in four years. Students entering the program with an appropriate M.S. degree may complete the program in less time, again assuming successful completion of oral and written comprehensive exams.

Continuation Standards

Students must maintain a cumulative grade point average (GPA) of 3.00 in all graduate/professional courses.

Roadmap

Roadmaps are recommended semester-by-semester plans of study for programs and assume full-time enrollment unless otherwise noted.

Courses and milestones designated as critical (marked with !) must be completed in the semester listed to ensure a timely graduation. Transfer credit may change the roadmap.

This roadmap should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor/mentor each semester. Requirements, course availability and sequencing are subject to change.

Course	Title	Credits
Year One		
Fall		
Program of Study-specific course		3
Research course specific to Program of Study		3
Credits		6
Spring		
Program of Study-specific course		3
Research course specific to Program of Study		3
Credits		6
Summer		
HSCI 6980	Graduate Independent Study in Health Sciences	1
Credits		1
Year Two		
Fall		
Program of Study-specific courses		9
Credits		9
Spring		
Program of Study-specific course		3
HSCI 6220	Foundations of Scholarly Excellence	2
Credits		5
Summer		
HSCI 6990	Dissertation Research	0
Credits		0
Year Three		
Fall		
HSCI 6990	Dissertation Research	3
Program of Study-specific course		3
Credits		6
Spring		
HSCI 6990	Dissertation Research	3
Credits		3
Summer		
HSCI 6990	Dissertation Research	0
Credits		0
Year Four		
Fall		
HSCI 6990	Dissertation Research	3
Credits		3

Spring

HSCI 6990	Dissertation Research	3
Credits		3
Total Credits		42

Program Notes

Courses designated as those specific to the program of study refer to those that may be in or complementary to the program of study discipline.

Contact Us

Contact Doisy College of Health Sciences

Recruitment specialist

314-977-2570

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