



TODAY'S LEARNERS. TOMORROW'S HEALTHCARE LEADERS.

Pre-Occupational Therapy (Clinical & Medical Sciences)

For students entering Fall 2024 or later

Drake offers a pre-Occupational Therapy (pre-OT) program for those interested in an occupational therapy degree, allowing you to begin working toward your Doctorate degree right out of high school. As a pre-OT student, you will complete three years in the pre-OT track, followed by three years in the Occupational Therapy Doctorate (OTD) program. This track includes several benefits including full consideration for admission to Drake's OTD program, an occupational therapy faculty mentor to provide resources & support, and access to courses in Health Sciences providing you with career exploration opportunities, innovation and practice management skills, & health care system understanding.

This form is a planning tool only - Consult your degree evaluation in Self Service to view how coursework meets degree requirements.

Name _____

Student ID _____

I. Basic Graduation Requirements	
120 - Total Credit Hours	<input type="text"/>
2.0 or Above - Cumulative GPA	<input type="text"/>
Graduation Application - in Self Service	<input type="text"/>

II. Drake Curriculum - Areas of Inquiry (AOI's)		
<i>Occupational Therapy Doctorate pre-requisites are bolded</i>		
Course		Credit
Fulfilled by required coursework (16 credits)		
Global & Cultural Understanding	<i>HSCI 106</i>	3
Information Literacy	<i>HSCI 172</i>	3
Scientific Literacy*	<i>BIO 012/L</i>	4
Quantitative Literacy	<i>MATH 050</i>	3
Values & Ethics	<i>HSCI 105</i>	3
Choose a course (12 credits)		
Artistic Literacy		
Engaged Citizen	<i>ENG 052</i>	3
Historical Foundations		
Written Communication		
*Science course must include a lab.		

III. All University Required Courses (3 credits)		
<i>Occupational Therapy Doctorate pre-requisites are bolded</i>		
Course		Credit
Equity & Inclusion**	<i>HSCI 106</i>	-
First Year Seminar (1st semester)*	<i>FYS ---</i>	3
*This course may be waived for transfer students		
**May be used to fill an AOI; HSCI 106 will satisfy if not already fulfilled- additional credit hours will not be awarded for this requirement		

IV. Health Sciences Core Requirements (38 credits)	
<i>Occupational Therapy Doctorate pre-requisites are bolded</i>	
	Credit
BIO 012/L - Pre-Professional Biology I & Lab <i>fall only*</i>	4
HSCI 020 - Introduction to Health Sciences <i>fall only*</i>	2
HSCI 021 - Professionalism in Health Care <i>(HSCI 020) spring only*</i>	2
HSCI 025 - Introduction to the U.S. Health Care System <i>(30 credits)</i>	3
HSCI 055 - Innovation & Leadership in Health Sciences <i>(60 credits)</i>	3
HSCI 060 - Statistics in Health Sciences <i>(MATH 020, 028, or 050)</i>	3
HSCI 105 - Values & Ethics in Health Sciences <i>(60 credits) spring only</i>	3
HSCI 106 - Culture Care & Health Literacy <i>(30 credits) spring only*</i>	3
HSCI 125/L - Medical Physiology & Lab <i>(BIO 012, HSCI 141) spring only or</i>	4
BIO 129/L - Mammalian Physiology & Lab <i>(BIO 012 or 013) or</i>	
PHAR 125 - Physiology <i>(HSCI 141, grade of D or higher) fall only</i>	4
HSCI 141/L - Human Anatomy & Lab <i>(BIO 012) fall only</i>	4
HSCI 172 - Evaluating Research <i>(HSCI 060 or STAT 060) fall only</i>	3
PSY 001 - Introduction to Psychology	4
*Course may also be offered in a J-term or summer semester	

V. Clinical & Medical Sciences Courses (23-24 credits)	
<i>Occupational Therapy Doctorate pre-requisites are bolded</i>	
	Credit
BIO 013/L - Pre-Professional Biology II & Lab <i>spring only*</i>	4
CHEM 001/003 - General Chemistry I & Lab <i>fall only*</i>	4
CHEM 002/004 - General Chemistry II & Lab <i>(CHEM 001/003) spring only*</i>	4
CHEM 097/098 - Organic Chemistry I & Lab <i>(CHEM 002/004) fall only* or</i>	4
PHY 011 - General Physics I <i>fall only or</i>	
BIO 103/L - Microbiology <i>(BIO 012 or 013) spring only</i>	5
HSCI 095 - Medical Terminology	1
ECON 002 - Principles of Microeconomics or	3
HSCI 102 - Health Economics <i>fall only</i>	
MATH 050 - Calculus I <i>(MATH 020 or high school equivalent)</i>	3
*Course may also be offered in a J-term or summer semester	

VI. Other OTD Pre-Requisites (Elective Courses, 6 credits)	
<i>Occupational Therapy Doctorate pre-requisites are bolded</i>	
	Credit
HSCI 146 - Human Development Across the Lifespan <i>(30 credits) spring only or</i>	3
PSY 042 - Child & Adolescent Psychology <i>(PSY 001) spring only</i>	
PSY 076 - Abnormal Psychology <i>(PSY 001)</i>	3
<i>See more elective policy information below</i>	

VII. Remaining Elective Courses (minimum 40 credits)					
Course	Credit	Course	Credit	Course	Credit
Elective credits include Drake Curriculum requirements not fulfilled by required coursework as well as non-required coursework that permits exploration of and/or advanced study in areas of professional interest within the student's primary degree. Students should review the student handbook for the complete elective policy. Remaining electives will be fulfilled by OTD Year 1 coursework (18 credits). A maximum of 30 graduate level credits can be equated to this undergraduate Health Sciences degree. If not admitted to the OTD program at Drake, all credit minimums for Electives and senior capstone must be fulfilled to earn a Bachelor of Science in Health Sciences degree.					

Health Sciences – Pre-Occupational Therapy (Clinical & Medical Sciences)

Curriculum Guide

First Year					
Fall Semester			Spring Semester		
FYS ---	First Year Seminar	3 CR	HSCI 021	Professionalism in Health Care	2 CR
HSCI 020	Introduction to Health Sciences	2 CR	BIO 013/L	Pre-Professional Biology II & Lab	4 CR
PSY 001	Introduction to Psychology	4 CR	MATH 050	Calculus I (<i>QUAN AOI</i>)	3 CR
BIO 012/L	Pre-Professional Biology I & Lab (<i>SCI AOI</i>)	4 CR	ELEC ---	Elective (PSY 076: Abnormal Psychology)	3 CR
ELEC ---	Drake Curriculum/Electives	3 CR	ELEC ---	Drake Curriculum/Electives [ENG 052: Public Voices (<i>CITZ AOI</i>)]	3 CR
Total Semester Credit Hours		16	Total Semester Credit Hours		15
Second Year					
Fall Semester			Spring Semester		
CHEM 001/3	General Chemistry I & Lab	4 CR	CHEM 002/4	General Chemistry II & Lab	4 CR
HSCI 141/L	Human Anatomy/Lab	4 CR	HSCI 125/L	Physiology/Lab¹	4 CR
HSCI 025*	Introduction to the US Health Care System	3 CR	HSCI 060*	Statistics in Health Sciences ³	3 CR
HSCI 102	Health Economics ²	3 CR	HSCI 106*	Culture Care & Health Literacy (<i>GLOB AOI</i>)	3 CR
			ELEC ---	Drake Curriculum/Electives	3 CR
Total Semester Credit Hours		14	Total Semester Credit Hours		17
Third Year (Apply to Drake OTD Program)					
Fall Semester			Spring Semester		
HSCI 172	Evaluating Research Literature (<i>INFO AOI</i>)	3 CR	HSCI 105	Values & Ethics in Health Sciences (<i>VE AOI</i>)	3 CR
HSCI 095*	Medical Terminology	1 CR	ELEC ---	Elective (HSCI 146: Human Development Across the Lifespan)	3 CR
HSCI 055*	Innovation & Leadership in Health Sciences	3 CR	ELEC ---	Drake Curriculum/Electives	10 CR
CHEM 097/98	Org Chem I/Lab (OR PHY 011 OR BIO 103/L ⁴)	4 CR			
ELEC ---	Drake Curriculum/Electives (SOC 081: Medical Sociology, optional)	3 CR			
Total Semester Credit Hours		14	Total Semester Credit Hours		16
Total Program Hours: 92					

Click [here](#) to view the curriculum for the Occupational Therapy Doctorate program.

Bolded courses must be taken in the designated semester unless prior approval by the College is provided.

***Asterisked HSCI courses** have multiple offerings each year; they should be taken within the designated year but can be taken during an alternative semester.

1 = BIO 129/L – Mammalian Physiology or PHAR 125 can be substituted for requirement (courses offered only in fall semester)

2 = ECON 002 – Microeconomics can be substituted for requirement (HSCI 102 offered only in fall semester)

3 = STAT 071: Statistics I – an exception to program policy request may be submitted to fulfill this requirement

4 = BIO 103/L – Microbiology is offered only in spring semester and is 5 credits

Electives (minimum 45 credits): Elective credits include [Drake Curriculum](#) requirements not fulfilled by required coursework (outlined below) as well as non-required coursework that permits exploration of and/or advanced study in areas of professional interest within the student's primary degree. Students should review the [student handbook](#) for the complete elective policy. A maximum of 30 graduate level credits can be equated to this undergraduate Health Sciences degree.

Drake Curriculum Areas of Inquiry not fulfilled by required coursework (12 credits): Artistic Literacy, Engaged Citizen, Historical Foundations, and Written Communication.

OTD Year 1 Course Equates (28 credits): For students who complete the 3+3 program, OTD Year 1 coursework will fulfill the following undergraduate requirements, resulting in earning a Bachelor of Science in Health Sciences degree.

Electives – 18 credits

HSCI 155 & 156 – Guided Research I & II – 4 cr.

HSCI 196 & 197 – Health Sciences Internship I & II – 6 cr.

****If not admitted to the OTD program at Drake, all credit minimums for **Electives** must be fulfilled. The senior capstone (HSCI 155, 156, 196, & 197) must also be completed at Drake to earn a Bachelor of Science in Health Sciences degree.**