



TODAY'S LEARNERS. TOMORROW'S HEALTHCARE LEADERS.

Pre-Athletic Training

For students entering Fall 2024 or later

Drake offers a pre-Athletic Training (pre-AT) program for those interested in an athletic training degree, allowing you to begin working toward your Master's degree right out of high school. As a pre-AT student, you will complete three years in the pre-AT track, followed by two years in the Master of Athletic Training (MAT) program. This track includes several benefits including a guaranteed interview for admission to Drake's MAT program, an athletic training 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)

Course	Credit
Fulfilled by required coursework (16 credits)	
Global & Cultural Understanding	HSCI 106 3
Information Literacy	HSCI 172 3
Scientific Literacy	BIO 012/L 4
Quantitative Literacy	MATH 050 3
Values & Ethics	HSCI 105 3
Choose a course (12 credits)	
Artistic Literacy	<input type="text"/>
Engaged Citizen	<input type="text"/>
Historical Foundations	<input type="text"/>
Written Communication	<input type="text"/>

*Science course must include a lab.

III. All University Required Courses (3 credits)

Course	Credit
Equity & Inclusion**	HSCI 106 -
First Year Seminar (1st semester)*	FYS --- 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 (39 credits)

Master of Athletic Training pre-requisites are bolded	Credit
BIO 012/L - Pre-Professional Biology I & Lab fall only*	4
HSCI 020 - Introduction to Health Sciences fall only*	2
HSCI 021 - Professionalism in Health Care (HSCI 020) spring only*	2
HSCI 025 - Introduction to the U.S. Health Care System (30 credits)	3
HSCI 055 - Innovation & Leadership in Health Sciences (60 credits)	3
HSCI 060 - Statistics in Health Sciences (MATH 020, 028, or 050)	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Values & Ethics in Health Sciences (60 credits) spring only	3
HSCI 106 - Culture Care & Health Literacy (30 credits) spring only*	3
HSCI 125/L - Medical Physiology & Lab (BIO 012, HSCI 141) spring only or BIO 129/L - Mammalian Physiology & Lab (BIO 012 or 013) or PHAR 125 - Physiology (HSCI 141, grade of D or higher) fall only	4
HSCI 141/L - Human Anatomy & Lab (BIO 012) fall only	4
HSCI 172 - Evaluating Research (HSCI 060 or STAT 060) fall only	3
PSY 001 - Introduction to Psychology	4

*Course may also be offered in a J-term or summer semester

V. Clinical & Medical Sciences Courses (22 credits)

Master of Athletic Training pre-requisites are bolded	Credit
BIO 013/L - Pre-Professional Biology II & Lab spring only*	4
CHEM 001/003 - General Chemistry I & Lab fall only*	4
CHEM 002/004 - General Chemistry II & Lab (CHEM 001/003) spring only*	4
PHY 011 - General Physics I fall only	4
ECON 002 - Principles of Microeconomics or HSCI 102 - Health Economics fall only	3
MATH 050 - Calculus I (MATH 020 or high school equivalent)	3

*Course may also be offered in a J-term or summer semester

VI. Other MAT Pre-Requisites (Elective Courses, 5 credits)

Master of Athletic Training pre-requisites are bolded	Credit
HSCI 107 - Skeletal Muscle Structure & Function (30 credits) spring only*	3
PHAR 126 - Principles of Nutrition (60 credits) spring only*	2

*Course may also be offered in a J-term or summer semester
See more elective policy information below

VII. Remaining Elective Courses (41 credits)

Course	Credit	Course	Credit	Course	Credit
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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 MAT 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 MAT 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-Athletic Training

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 ---	Drake Curriculum/Electives [ENG 052: Public Voices (<i>CITZ AOI</i>)]	6 CR
ELEC ---	Drake Curriculum/Electives	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 MAT 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
PHY 011	General Physics I	4 CR	ELEC ---	Elective (HSCI 107: Skeletal Muscle Structure & Function)	3 CR
HSCI 055*	Innovation & Leadership in Health Sciences	3 CR	ELEC ---	Elective (BIO 134/L: Exercise Physiology/Lab)	4 CR
HSCI 095*	Medical Terminology	1 CR	ELEC ---	Elective (PHAR 126: Nutrition)	2 CR
ELEC ---	Elective (BIO 133/L: Kinesiology/Lab)	4 CR	ELEC ---	Drake Curriculum/Electives	3 CR
Total Semester Credit Hours		15	Total Semester Credit Hours		15
Total Program Hours: 92					

Click [here](#) to view the curriculum for the Master of Athletic Training 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

Electives (minimum 46 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.

Recommended Undergraduate Courses (8 credits electives)

BIO 133/L – Kinesiology & Lab – 4 cr.

BIO 134/L – Exercise Physiology & Lab – 4 cr.

(program hours above must be met with other electives if these are not taken)

MAT Year 1 Course Equates (28 credits)**

Electives – 18 credits

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

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

For students who complete the 3+2 program, MAT Year 1 coursework will fulfill remaining undergraduate requirements, resulting in earning a Bachelor of Science in Health Sciences degree. If not admitted to the MAT 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.