Pre-Athletic Training

For students entering Fall 2023 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	
2.0 or Above - Cumulative GPA	
Graduation Application - in Self Service	

II. Drake Curriculum - Areas of Inquiry (AOI's)

	Course	Credit
Fulfilled by required coursework (22 credits)		
Critical Thinking	*HSCI 060/STAT 060*	3
Global & Cultural Understanding	*HSCI 106*	3
Information Literacy	*HSCI 172*	3
Life Science	*BIO 012*	3
Physical Science*	*CHEM 001/003*	4
Quantitative Literacy	*MATH 050*	3
Values & Ethics	*HSCI 105*	3
Choose a course (15 credits)		
Artistic Literacy		
Engaged Citizen		
Historical Foundations		
Historical Foundations		
Written Communication		

*One science course must include a lab.

III. All University Required Courses (4 credits)

	Course	Credit
Blueprint for Success *(1st semester)**	*INTD 025*	1
Equity & Inclusion**	*HSCI 106*	-
First Year Seminar *(1st semester)**	*FYS ---*	3

*These courses 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)* **or** STAT 060 - Statisics for the Life 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
BIO 134 - Exercise Physiology *(BIO 129 or HSCI 125, 60 credits) fall only* **or** **HSCI 107 - Skeletal Muscle Structure & Function** *(30 credits) spring only**	3
PHAR 126 - Principles of Nutrition *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 (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 MAT Year 1 coursework **(14 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**	CHEM 002/4	General Chemistry II & Lab	4 CR
CHEM 001/3	General Chemistry I & Lab *(PHSC AOI)*	4 CR	BIO 013/L	Pre-Professional Biology II & Lab	4 CR
BIO 012/L	Pre-Professional Biology I & Lab *(LIFE AOI)*	4 CR	MATH 050	Calculus I *(QUAN AOI)*	3 CR
INTD 025	Blueprint for Success	1 CR	ELEC ---	Drake Curriculum/Electives	3 CR
ELEC ---	Drake Curriculum/Electives	3 CR			
Total Semester Credit Hours		**17**	**Total Semester Credit Hours**		**16**
Second Year					
Fall Semester			**Spring Semester**		
PSY 001	Introduction to Psychology	4 CR	HSCI 025*	Introduction to the US Health Care System	3 CR
HSCI 141/L	Human Anatomy/Lab	4 CR	**HSCI 125/L**	**Physiology/Lab[1]**	**4 CR**
HSCI 102	Health Economics[2]	3 CR	HSCI 060*	Statistics in Health Sciences[3] *(CRIT AOI)*	3 CR
ELEC ---	Drake Curriculum/Electives [ENG 037: Public Voices *(CITZ AOI)*]	6 CR	HSCI 106*	Culture Care & Health Literacy *(GLOB AOI)*	3 CR
			ELEC ---	Elective (HSCI 149: Intro to AT & Sports Med)	3 CR
Total Semester Credit Hours		**17**	**Total Semester Credit Hours**		**16**
Third Year (Apply to Drake MAT Program)					
Fall Semester			**Spring Semester**		
HSCI 172	**Evaluating Research Literature** *(INFO AOI)*	**3 CR**	**HSCI 105**	**Values & Ethics in Health Sciences** *(VE AOI)*	**3 CR**
PHY 011	General Physics I	4 CR	HSCI 095*	Medical Terminology	1 CR
ELEC ---	Elective (BIO 133/L: Kinesiology/Lab)	4 CR	HSCI 055*	Innovation & Leadership in Health Sciences	3 CR
ELEC ---	Elective (BIO 134/L: Exercise Physiology/Lab)	4 CR	ELEC ---	Elective (HSCI 107: Skeletal Muscle Structure & Function)	3 CR
			ELEC ---	Elective (PHAR 126: Nutrition)	2 CR
			ELEC ---	Drake Curriculum/Electives	3 CR
Total Semester Credit Hours		**15**	**Total Semester Credit Hours**		**15**
Total Program Hours: 96					

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 060 – Statistics for the Life Sciences can be substituted for requirement

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 (15 credits): Artistic Literacy, Engaged Citizen, Historical Foundations (2), and Written Communication.

Recommended Undergraduate Courses (11 credits electives)
BIO 133/L – Kinesiology & Lab – 4 cr.
BIO 134/L – Exercise Physiology & Lab – 4 cr.
HSCI 149 – Intro to Athletic Training & Sports Medicine – 3 cr.

MAT Year 1 Course Equates (21 credits)**
Electives – 11 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.