

Accelerated Coursework M.S. in Kinesiology

(Transition from *B.S. in Biological Sciences – Pre-professional*)

The flowchart below is a *representative* sample of how a student might progress from a **B.S. in Exercise Science** to a coursework M.S. in Kinesiology within 5 years. It is important to note this is only an example and projects based on only being available during fall and spring semesters (i.e., no summer semester). In reality there is tremendous flexibility within both the B.S. and M.S. degrees based on areas of interest and career objectives, especially when one or two summer semesters are considered. To learn more, talk with your advisor and/or visit our webpage www.mtu.edu/kip.

FALL SEMESTER			SPRING SEMESTER			1st Year
No.	Course Title	Cts.	No.	Course Title	Cts.	
BL 1010	General Biology I	4	BL 1020	General Biology II	4	
BL 1590	Intro to Health Professions	1	CH 1160	Chemistry II	3	
CH 1150	Chemistry I	3	CH 1161	Chemistry II Lab	1	
CH 1151	Chemistry I Lab	1	CH 1163	Chemistry II Recitation	1	
CH 1153	Chemistry I Recitation	1	MA 1035	Calculus for Life Sciences	4	
UN 1015	Composition	3	UN 1025	Global Issues	3	
Elective	(select course w/ advisor)	3				
	Total Term Hours:	16		Total Term Hours:	16	
No.	Course Title	Cts.	No.	Course Title	Cts.	2nd Year
BL 2010	Anatomy and Physiology I	3	BL 2020	Anatomy and Physiol II	3	
BL 2011	Anatomy and Physiology I lab	1	BL 2021	Anatomy and Physiol II lab	1	
BL 2100	Principles of Biochemistry	3	BL 2200	Genetics	3	
CH2410	Organic Chemistry I	3	CH 2420	Organic Chemistry II	3	
CH2411	Organic Chemistry II Lab	1	CH 2421	Organic Chemistry II Lab	2	
HU/FA	(select 2000-level course)	3	SBS	(select 2000-level course)	3	
Elective	(select course w/ advisor)	2				
	Total Term Hours:	16		Total Term Hours:	15	
No.	Course Title	Cts.	No.	Course Title	Cts.	3rd Year
BL3400	Ecology	4	BL 2940	Human Nutrition	3	
BL 3210	Microbiology	4	BL3012	Cell Biology	3	
BL 4210	Capstone Experience	2	BL 3190	Evolution	3	
PH 1110	College Physics I	3	PH 1200	Physics by Inquiry	1	
PH 1111	College Physics I Lab	1	PH 1210	College Physics II	3	
HASS	(select 3000-level course)	3	HASS	(select 3000-level course)	3	
	Total Term Hours:	17		Total Term Hours:	16	

No.	Course Title	Cts.	No.	Course Title	Cts.	4th Year
BL XXXX	BL3XXX/4XXX (Holistic Track)	3	BL 4470	Biostatistical Analysis	4	
EH 4210	Exercise Physiology	3	BL XXXX	BL3XXX/4XXX (Holistic Track)	3	
EH 4211	Exercise Physiology Lab	1	HASS	(select course)	3	
EH XXXX	EH 4500 or EH 4400	3	Elective	(select course w/ advisor)	3	
HASS	(select course)	3	Elective	(select course w/ advisor)	3	
Elective	(select course w/ advisor)	3				
	Total Term Hours:	16		Total Term Hours:	16	
No.	Course Title	Cts.	No.	Course Title	Cts.	5th Year
	Advanced Motor Behavior	3		Advanced Exercise Physiol	3	
	Graduate Seminar	1		Advanced Biomechanics	3	
	Statistical Methods**	3		Graduate Seminar	1	
Elective	(select course w/ advisor)	2-3		Graduate Internship	4-6	
Elective	(select course w/ advisor)	2				
	Total Term Hours:	12		Total Term Hours:	12	

Classes highlighted in YELLOW above represent the three classes that can be “double counted” towards both the B.S. and M.S. degree. A *maximum of 6 credits* can be applied toward the accelerated M.S., and minimum course grades and cumulative GPA are required (see website or FAQ sheet for more details).

* While we recommend taking both EH4400 and EH4420, final degree requirements only require one of the two. If desired, you may substitute one of these courses with a free elective.

** MA 5701 is just one example of the approved statistical courses available to fulfill the statistical requirement of the Accelerated M.S. degree.