

Accelerated Coursework M.S. in Kinesiology

(Transition from *B.S. in Exercise Science*)

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 1040	Principles of Biology	4	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	EH 1500	Foundations of Kinesiology	3	
EH 1000	Intro to Exercise Science	1	MA 1135	Calc for Life Sciences	4	
PSY 2000	Intro to Psychology	3	UN 1025	Global Issues	3	
UN 1015	Composition	3				
	Total Term Hours:	16		Total Term Hours:	15	
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	
EH 3010	Sports Psychology	3	BL 2940	Human Nutrition	3	
HU/FA	(select 2000-level course)	3	EH 3050	Intro to Athletic Training	3	
Elective	(select course w/ advisor)	3	SBS	(select 2000-level course)	3	
	Total Term Hours:	16		Total Term Hours:	16	
No.	Course Title	Cts.	No.	Course Title	Cts.	3rd Year
EH4400	Motor Learning & Control*	3	EH 3100	Exercise Asses & Prescrip	3	
PH 1110	College Physics I	3	EH 4420	Motor Development*	3	
PH 1111	College Physics I Lab	1	PH 1200	Physics by Inquiry	1	
HASS	(select 3000-level course)	3	PH 1210	College Physics II	3	
Elective	(select course w/ advisor)	3	HASS	(select 3000-level course)	3	
Elective	(select course w/ advisor)	3	HASS	(select course)	3	
	Total Term Hours:	16		Total Term Hours:	16	

No.	Course Title	Cts.	No.	Course Title	Cts.
EH 4210	Exercise Physiology	3	BL 3970	Current Health Issues	3
EH 4211	Exercise Physiology Lab	1	EH 4200	Sports Nutrition Seminar	2
EH 4500	Biomechanics	3	MA3970	Biostatistics	3
HASS	(select course)	3	EH4900	Internship	3
Elective	(select course w/ advisor)	3	Elective	(select course w/ advisor)	3
Elective	(select course w/ advisor)	3	Elective	(select course w/ advisor)	3
	Total Term Hours:	16		Total Term Hours:	17

4th Year

No.	Course Title	Cts.	No.	Course Title	Cts.
	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

5th Year

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.