

Kinesiology (KINE-MSAT) 2018-2019

Bachelor of Science Degree in Kinesiology Visit us at rht.gmu.edu/kine

To schedule an advising appointment: rht.gmu.edu/kinesiology/advising



❖ **Mason Core, 38 credits:** For current list of approved courses: catalog.gmu.edu/mason-core/

- Written Communication - 3 Credits (**ENGH 101^C**)
- Written Communication - 3 Credits (**ENGH 302^C**)
- Oral Communication - 3 credits
- Information Technology - 3 Credits
- Quantitative Reasoning - 3 Credits (**STAT 250^C**)
- Literature - 3 Credits
- Arts - 3 Credits
- Western Civilization - 3 Credits
- Social and Behavioral Sciences - 3 Credits
- Global Understanding - 3 Credits
- Natural Science - 8 Credits (**BIOL 124^C & 125^C**)

❖ **Professional Sequence, 68 credits:** (must maintain GPA of 2.5 and a C or better)

- ATEP 120: First Aid & Emergency Care
- ATEP 300: Functional Anatomy
- HEAL 110: Personal Health
- KINE 100: Introduction to Kinesiology
- KINE 200: Intro to Personal Training
- KINE 310: Exercise Physiology I
- KINE 320: Principles of Human Nutrition
- KINE 330: Seminar in Kinesiology
- KINE 341: Kinesiology Internship I
- KINE 350: Exercise Prescription & Program
- KINE 360: Strength Trng: Concepts & Applns
- KINE 370: Exercise Testing and Evaluation
- KINE 380: Exercise Presc & Prog Spe Popu
- KINE 400: Biomechanics (offered Fall only)
- KINE 410: Exercise Physiology II
- KINE 420: Sport and Exercise Nutrition
- KINE 441: Kinesiology Internship II
- KINE 450: Research Methods
- KINE 490: Kinesiology Internship III
- SPMT 320: Psychology of Sport

❖ **Electives, 14 credits**

Total: 120 Credits

Suggested Academic Plan includes suggested ATEP 201 Elective (to be supplemented by Mason Core and Electives)

Semester	Course	Credits	Prerequisites	Campus*
1 st Year Fall	BIOL 124 Human Anatomy & Physiology	4		PW/FX
	HEAL 110 Personal Health	3		Net/FX
	KINE 100 Introduction to Kinesiology	3		FX-Hybrid
1 st Year Spring	ATEP 300 Functional Anatomy	3	<i>BIOL 124^C</i>	PW
	BIOL 125 Human Anatomy & Physiology	4	<i>BIOL 124^C</i>	PW/FX
1 st Year Summer	A Session	KINE 310 Exercise Physiology I	<i>BIOL 124^C, BIOL 125^C</i>	Net/PW
		SPMT 320 Psychology of Sport		FX
	C Session	KINE 200 Intro to Personal Training	<i>BIOL 124^C, BIOL 125^C, KINE 310^C, ATEP 300^C</i>	FX
		KINE 370 Exercise Testing and Eval.	<i>BIOL 124^C, BIOL 125^C, KINE 310^C, ATEP 300^C</i>	PW/FX
2 nd Year Fall	ATEP 120 First Aid & Emergency Care	2		PW-Hybrid
	KINE 330 Seminar in Kinesiology	3	<i>KINE 100^C, 200^C, 370^C</i>	PW/FX
	KINE 350 Exercise Prescription and Programming	3	<i>KINE 200^C, 310^C, 370^C, ATEP 300^C</i>	PW
	KINE 360 Strength Training: Concepts & Applic.	3	<i>BIOL 124^C, BIOL 125^C, ATEP 300^C, KINE 310^C</i>	PW
2 nd Year Spring	KINE 341 Kinesiology Internship I	3	<i>KINE 200^C, 310^C, 330^C, 350^C, 370^C, Current CPR/AED/First Aid</i>	PW/FX
	KINE 380 Exercise Prescript & Prog for Spec Pop	3	<i>KINE 310^C, 330^C, 350^C, 200^C, 370^C</i>	PW
	KINE 410 Exercise Physiology II	3	<i>BIOL 124^C, BIOL 125^C, KINE 310^C</i>	PW
2 nd Year Summer	KINE 320 Principles of Human Nutrition	3		Net
	STAT 250 Introductory Statistics I			
3 rd Year Fall	KINE 400 Biomechanics (offered Fall only)	3	<i>BIOL 124^C, BIOL 125^C, ATEP 300^C, KINE 360^C</i>	PW
	KINE 420 Sport and Exercise Nutrition	3	<i>KINE 310^C, 320^C</i>	Net
	KINE 441 Kinesiology Internship II	3	<i>KINE 341^C, 380^C, KINE 360^C Current CPR/AED/First Aid</i>	PW/FX
	KINE 450 Research Methods (Writing Intensive)	3	<i>STAT 250^C, junior or senior standing</i>	PW/Net
3 rd Year Spring	KINE 490 Kinesiology Internship III - Capstone	12	<i>KINE 330^C, 341^C, 400^C, 410^C, 420^C, 441^C, Current CPR/AED/First Aid</i>	OCL
	ATEP 201 Medical Terminology	3		Net
3 rd Year Summer	Flip over for MSAT Academic Plan that begins 3 rd Year Summer			

Academic Requirements: 120 total credits; 45 upper level credit hours; 30 hour GMU residency requirement; completion of Mason Core courses; GPA of at least 2.5 and a C or better in BIOL 124 and 125, STAT 250, and *all* professional sequence courses.

Professional Certification Exam Requirement: attempt either the American College of Sports Medicine (ACSM)-Certified Exercise Physiologist (EP-C) *or* the National Strength and Conditioning Association (NSCA)-Certified Strength and Conditioning Specialist (CSCS). NSCA exam discount code: ERPGMU17

*All campus locations are subject to change. Classes listed as PW are located on the Science and Technology Campus (SciTech)

Kinesiology (KINE-MSAT) 2018-2019

Masters of Science Degree in Athletic Training

For advising, contact Dr. Amanda Caswell at aalleni@gmu.edu, visit us at rht.gmu.edu/athletic-training/msat



The 65 Credit Athletic Training MS is a professional preparation program that provides students with a strong foundation of the competencies and proficiencies (knowledge, skills and attitudes) established by the Commission on Accreditation of Athletic Training Education (CAATE) for professional athletic trainer preparation.

- ❖ This is a cohort program, and all courses listed within each semester must be taken concurrently. All Face-to-Face courses are on the Science and Technology (Prince William) Campus.
- ❖ MSAT specific Prerequisites required for admission: (see admissions.gmu.edu for full requirements)
 - Proof of current Emergency Cardiac Care (CPR/AED Certification at the level of a Healthcare Professional (e.g. American Heart Associations' Basic Life Support for Healthcare Professionals, the Emergency Care & Safety Institute (ECSI)) and First Aid Certification).
 - Undergraduate GPA of 2.8 or higher
 - Grade of C or better required for the following courses
 - Anatomy and Physiology 6-8 credits
 - Exercise Physiology 3 credits
 - Research Methods 3 credits
 - Basic Nutrition 3 credits
 - Medical terminology 3 credits

Academic Plan

Semester	Course	Credits	Delivery mode
Summer	ATEP 510 Advanced Functional Anatomy	3	Hybrid: July-Online, August-Face-to-Face
	ATEP 520 Therapeutic Interventions Foundations	3	Hybrid: July-Online, August-Face-to-Face
	ATEP 525 Athletic Training Foundations	3	Hybrid: July-Online, August-Face-to-Face
Fall	ATEP 530 Emergency Procedures for Athletic Trainers	3	Face-to-Face
	ATEP 540 Lower Body Physical Assessment	3	Face-to-Face
	ATEP 545 Athletic Training Clinical Techniques 1	3	Face-to-Face
	ATEP 550 Lower Body Therapeutic Interventions	3	Face-to-Face
	ATEP 555 Athletic Training Clinical Techniques 2	3	Face-to-Face
Spring	ATEP 560 Upper Body Therapeutic Interventions	3	Face-to-Face
	ATEP 565 Athletic Training Clinical Techniques 4	3	Face-to-Face
	ATEP 566 Practicum 1* (University/High School 150-200 hours)	2	Clinical Education Site
	ATEP 570 Upper Body Physical Assessment	3	Face-to-Face
	ATEP 575 Athletic Training Clinical Techniques 3	3	Face-to-Face
	ATEP 600 Pathopharmacology	3	Face-to-Face
Summer A	ATEP 650 Administration and Management in Athletic Training	3	On-line
	ATEP 656 AT Practicum 2* (Clinic 75-125 hours)	1	Clinical Education Site
Summer C	ATEP 667 AT Practicum 3* (Preseason 150-200 hours)	2	Clinical Education Site
Fall	ATEP 660 Pediatric Sports Medicine	3	Hybrid: 50% online, 50% face to face
	ATEP 670 Post Rehabilitative Therapeutic Interventions	2	Hybrid: 50% online, 50% face to face
	ATEP 676 AT Practicum 4* (University/High School 300-400 hours)	4	Clinical Education Site
Spring	Eligible to take the Athletic Training Board of Certification Exam (AT BOC) Pending CAATE Accreditation		
	ATEP 680 Athletic Training Research	3	Face-to-Face
	ATEP 686 AT Practicum 5* (450-600 hours)	6	Clinical Education Site

Academic Requirements: All courses must be passed with a B- or higher before progressing in the sequence. Current Emergency Cardiac Care Certification must be maintained during the program.

*Practicum locations will be assigned by the Clinical Education Coordinator and will be located throughout the Northern Virginia Metropolitan Region.

**Note: Our school and agency partners require Mason students to be fingerprinted and pass a criminal background check prior to field experience work. Students must assume the risk that classes may be deferred and their program delayed due to the individual severity of notations on such a check and review by individual agencies.