

Suggested Undergraduate Course Sequence for Students Applying to the Master of Athletic Training Program

Course Name(s)/Cr	UCF Course Number	Known Equivalent Courses in the State of Florida
General Bio/ Biology I 4 credits (incl. lab)	BSC 2010C	BSCX010, X010L, or X010C (Courses for non-science majors and non-human biology courses are not acceptable.)
Human Anatomy 4 credits (incl. lab)	ZOO3733C or ZOO3736C	Many universities offer combined courses. Both A&P I and A&P II can be used to satisfy both ZOO3733C and PCB 3703C. 6 cr + 2 x 1 cr lab cr are required. Examples include BSCX093C/L + BSCX094C/L; BSCX085C/L + BSCX086C/L; PETX322C + PETX323C; APKX100C + APKX105C Note: The UCF course ZOO 3736C (Exercise Physiology Anatomy) will be considered an anatomy course – not an exercise physiology course.
Human Physiology 4 credits (incl. lab)	PCB3703C	
Gen Chm/ Chemistry I 4 credits (incl. lab)	CHM 2045C	CHMX045C or X045L; CHM2040 + CHM2041; CHM1030+L or 1031+L; CHM1032+L (Courses for non-science majors are not acceptable.)
Physics I 4 credits (incl. lab)	PHY2053C	PHYX053, X053L or X053C; PHYX048, X048L or X048C (Conceptual/non-math-based courses for non-science majors are not acceptable.)
Statistics 3 credits	STA2023	STAX023; STAX122; STAX201 (Any 3-credit course in statistics will be accepted.)
Human Nutrition/ Clinical Nutrition 3 credits	HUN2201	HUNX201; HUN3011; HUNX941; HUNX002; HSC4572; PET3361 (Course should be for science, medicine, health, kinesiology, and/or nursing majors.)
General Psychology 3 credits	PSY2012	PSYX012 (Any 3-credit course in psychology will be accepted.)
Exercise Physiology 3 credits	PET3351 or APK4110C	PET3510C; APK4110C; PET3351 Note: The Kinesiology course ZOO3736C (Exercise Physiology Anatomy) will be considered an anatomy course – not an exercise physiology course.
Biomechanics/ Kinesiology 3 credits	PET 4312C or PET4325	Courses that study mechanical laws applied to the human body and courses that emphasize functional anatomy (origins, insertions and actions of muscles) will be accepted.



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Timeline	Prerequisite Courses by Name	Recommended Order of Prerequisite Courses * Based on an 8 semester/four-year undergraduate plan and a student who selected AT as a career as a freshman * Known equivalent courses within the State University System of Florida can be found on page 1
Semester 1 Year 1	Psychology Biology	Psychology (3cr) <i>Algebra (3cr) – not MAT prerequisite, but required to enroll in other MAT prerequisites</i> Biology I with lab (4cr)
Semester 2 Year 1	Nutrition Chemistry	Human Nutrition (3cr) Chemistry with lab (4cr) <i>(PR is typically algebra and satisfactory on chemistry placement exam)</i>
Semester 3 Year 2	Human Anatomy	Human Anatomy with lab (4cr) <i>(PR is typically biology)</i> <i>Trigonometry (3cr) (PR is typically algebra) – not MAT prerequisite, but required to enroll in other MAT prerequisites</i>
Semester 4 Year 2	Statistics Human Physiology	Statistics (3cr) <i>(PR is typically any math course)</i> Human Physiology with lab (4cr) <i>(PR is typically biology and chemistry)</i>
Semester 5 Year 3	Exercise Physiology	Exercise Physiology (3cr)
Semester 6 Year 3	Physics I	Physics (4cr) <i>(PR is typically trigonometry)</i> <ul style="list-style-type: none"> • Be in progress with observation hours (check the current application requirements) • Schedule the GRE (check the current application requirements)
Semester 7 Year 4	Biomechanics or Kinesiology	Biomechanics or Kinesiology <i>(PR is often physics)</i> <ul style="list-style-type: none"> • Complete/document observation hours, request letters of reference through ATCAS, write personal statement (check the current application requirements)
Semester 8 Year 4		<ul style="list-style-type: none"> • Complete BS degree requirements to allow graduation in May (program begins in summer) • Apply to the Master of Athletic Training program on or near February 1 – Students are accepted on a rolling basis until seats are filled. <ul style="list-style-type: none"> ○ It is possible that students who wait until the April 1 deadline will not be able to enroll even if they are qualified because there are no seats left. • Students must apply through ATCAS (application + materials) and UCF College of Graduate Studies (application only)