

**Bachelor of Science in Health Science Pre-DO Major
with Athletic Training Foundation Minor
& Master of Athletic Training
Academic Requirements - 5-year Academic Requirements
(Eligible to challenge a BOC Examination at conclusion of sequence)**

Academic Requirement for General Studies (37-40 hours) **Credit Hours**

* Take all of the following:		
_____	LOPER 1: _____	3 hr
_____	LOPER 2: ENG 101 and ENG 102	6 hrs
_____	LOPER 3: _____	3 hrs
_____	LOPER 4: STAT 241 (and MATH 102 if ACT Math Score of 19 or below)	3-6 hrs
_____	LOPER 5: _____	3 hrs
_____	LOPER 6: _____	3 hrs
_____	LOPER 7: PSY 203	3 hrs
_____	LOPER 8: CHEM 160 & 160L	4 hrs
_____	LOPER 9: _____	3 hrs
_____	LOPER 10: _____	3 hrs
_____	LOPER 11: PE 108	3 hrs

Academic Requirement for BS in Health Science – Pre-DO (48 hours) **Credit Hours**

* Take all of the following:		
_____	BIOL 106 Biology II	4 hrs
_____	BIOL 211 Human Microbiology	4 hrs
_____	BIOL 225 Anatomy and Physiology	4 hrs
_____	BIOL 226 Anatomy and Physiology	4 hrs
_____	BIOL 360 Genetics	4 hrs
_____	CHEM 161/161L General Chemistry	4 hrs
_____	CHEM 351/351L Biochemistry	4 hrs
_____	CHEM 360/360L Organic Chemistry	5 hrs
_____	CHEM 361/361L Organic Chemistry	5 hrs
_____	PHYS 205/205L General Physics I	5 hrs
_____	PHYS 206/206L General Physics II	5 hrs

Academic Requirement for Minor in Athletic Training Foundation (24 hours) **Credit Hours**

* Take all of the following:		
_____	PE 264 Foundation for Athletic Training	2 hrs
_____	PE 265 Emergency Medical Response	2 hrs
_____	PE 310 Introduction to Human Physiology of Exercise	3 hrs
_____	PE 401 Psychology of Sport	3 hrs
_____	PE 405 Athletic Orthopedic Assessment I – Lower Extremities	3 hrs
_____	PE 406 Athletic Orthopedic Assessment II – Upper Extremities	3 hrs
_____	PE 425 Legal Aspects of Sports & Recreation	3 hrs
_____	PE 430 Organization & Admin. in Recreation, Sport, & Tourism	3 hrs
_____	REC 304 Volunteer Practicum in AT Foundation	2 hrs

Electives (11 hours)

_____	PSY 440 Health Psychology*	3 hrs
_____	SOC 100 Introduction to Sociology*	3 hrs
_____	SOC 275 Social Psychology*	3 hrs

*Assisting in preparing for the MCAT but not required to take

Year 1 – Fall (18)	Year 1 – Spring (18)
<input type="checkbox"/> PE 107 (1) <input type="checkbox"/> PE 150 (3) – LOPER 11 <input type="checkbox"/> BIOL 106 (4) <input type="checkbox"/> CHEM 160/160L (4) - LOPER 8 <input type="checkbox"/> LOPER 1 (3) <input type="checkbox"/> ENG 101 (3) – LOPER 2	<input type="checkbox"/> PE 108 (3) <input type="checkbox"/> PE 265 (2) <input type="checkbox"/> PE 305 (2) <input type="checkbox"/> BIOL 211 (4) <input type="checkbox"/> CHEM 161/161L (4) <input type="checkbox"/> ENG 102 (3) - LOPER 2
Year 2 – Fall (18)	Year 2 – Spring (19)
<input type="checkbox"/> BIOL 225 (4) <input type="checkbox"/> CHEM 250/250L (5) <input type="checkbox"/> STAT 241 (3) - LOPER 4 <input type="checkbox"/> LOPER 3 (3) <input type="checkbox"/> LOPER 5 (3)	<input type="checkbox"/> PE 264 (2) <input type="checkbox"/> PE 329 (3) <input type="checkbox"/> BIOL 226 (4) *apply to Ex Sci program <input type="checkbox"/> CHEM 351/351L (4) <input type="checkbox"/> PSY 203 (3) LOPER 7 <input type="checkbox"/> LOPER 6 (3)
Year 3 – Fall (17)	Year 3 – Spring (18)
<input type="checkbox"/> PE 360 (4) (PE 310 prereq) <input type="checkbox"/> PE 430 (3) <input type="checkbox"/> PE 461 (4) (PE 310 prereq) <input type="checkbox"/> LOPER 9 (3) <input type="checkbox"/> PSY 230 (3)	<input type="checkbox"/> PE 401 (3) <input type="checkbox"/> PE 425 (3) <input type="checkbox"/> PE 467 (4) (PE461 prereq) <input type="checkbox"/> PE 469 (3) (PE461 prereq) <input type="checkbox"/> PSY 231 (3) <input type="checkbox"/> REC 304 (2) * Apply to Master of AT (by April 1 st)
Year 4 – Fall (14 + 3)	Year 4 – Spring (13 + 5)
<input type="checkbox"/> PE 405 (3) <input type="checkbox"/> PE 422 (2) <input type="checkbox"/> PE 452 (3) (PE 467 prereq) <input type="checkbox"/> PE 468 (3) (PE 329, PE 467 prereq) <input type="checkbox"/> LOPER 10 (3) <input type="checkbox"/> PE 819P (1) <input type="checkbox"/> PE 885 (2)	<input type="checkbox"/> PE 406 (3) <input type="checkbox"/> PE 475 (3) (PE 467, STAT 241 prereq) <input type="checkbox"/> PE 496 (1) <input type="checkbox"/> PHYS 203 (4) *Prerequisite for MAT <input type="checkbox"/> PE 808 (3) <input type="checkbox"/> PE 886 (2)

[The above table is not including MATH102 and PE310 but PE310 is **highly recommended** to take]

*** You must take Exercise Science courses **in order** listed above

***Hours can be adjusted with summer offerings or hours earned in high school

*** All undergraduate courses need to be done by the end of **Year 4 Summer**.

**** Year 5 is only Graduate course works in Master of Athletic Training including the Summer terms

Year 4 – Summer (3)	Year 5 – Fall (11)
<input type="checkbox"/> PE 887 (3)	<input type="checkbox"/> PE 809 (4) <input type="checkbox"/> PE 850 (3) <input type="checkbox"/> PE 888 (4)
Year 5 – Spring (12)	Year 5 – Summer (3)
<input type="checkbox"/> PE 820 (2) <input type="checkbox"/> PE 860 (3) <input type="checkbox"/> PE 889 (4) <input type="checkbox"/> PE 898 (1) <input type="checkbox"/> CSP 804P (2)	<input type="checkbox"/> PE 890 (3) – Take a BOC exam

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