

# 2018-2019 Prerequisite Guide: Exercise Science Major

Course	Number	Title	Prerequisites
EXSC	101	Intro to Exercise Science	None
EXSC	302	Exercise & Sports Injuries	EXSC 310
EXSC	310	Physiology of Exercise	BIOL 213/214 & BIOL 215/216
EXSC	311	Kinesiology (formerly Analysis of Human Movement)	BIOL 213/214 & BIOL 215/216, EXSC 310
EXSC	315	Group Fitness Instruction	EXSC 310
EXSC	320	Meas/Eval in Health and Kinesiology	EXSC 310
EXSC	321	Practicum	EXSC 310
EXSC	340	Essentials Strength Training/Conditioning	EXSC 310, PHED 225 & Jr. Status
EXSC	345	Applied Strength Training and Conditioning ( <b>This is an elective course, but does autosub for EXSC 315</b> )	PHED 225 and EXSC 310
EXSC	350	Biomechanics	EXSC 310, Jr. Status, to be taken with EXSC 351
EXSC	351	Biomechanics Lab	EXSC 310, Jr. Status, enrolled in EXSC 350
EXSC	410	Applied Exercise Physiology	Acceptance into EXSC Program, EXSC 310, EXSC 320, & Jr. Status. Taken with EXSC 411
EXSC	411	Applied Exercise Physiology Lab	Acceptance into EXSC Program , EXSC 310, EXSC 320, Jr. Status, enrolled in EXSC 410
EXSC	433	Exercise Prescriptions Special Populations	Acceptance into EXSC Program, EXSC 310, Junior Status
EXSC	460	Exercise Testing, Eval, and Prescriptions	Acceptance into EXSC Program, EXSC 310, EXSC 320, & Jr. Status
EXSC	461	Exercise Leadership	Acceptance into EXSC Program, EXSC 310, Jr. Status
EXSC	485	Exercise Physiologist Workshop & Certification	Acceptance into EXSC Program, EXSC 310, EXSC 433, EXSC 460, or co-requisite with EXSC 433, or co-requisite with EXSC 460.
EXSC	486	Strength and Conditioning Specialist Workshop and Certification	Acceptance into EXSC Program, EXSC 310, EXSC 340 and Senior Status; OR instructor permission
EXSC	499	Internship in Exercise Science	Acceptance into EXSC Program, Sr. Status; have completed all EXSC courses & HLTH 333 with grade of "C" or better; have a minimum overall GPA of 2.50 or higher; have achieved minimum 480 on ACSM exam OR minimum of 60% in both sections of the CSCS exam, and turn in exam scoring sheet to program director; or consent of the EXSC program director.
HLTH	333	Exercise & Sports Nutrition	EXSC 310
BIOL	213/214	Human Anatomy/Physiology 1	SAT Math 450, or ACT Math 18, or Placement Score Math 70, or Assessment Math 23, or BIOL 102/104 C or higher
BIOL	215/216	Human Anatomy/Physiology 2	BIOL 213/214 grade of C or higher
ATTR	205	Musculoskeletal Term. & Clinical Docu.	None
ATTR	330	Clinical Musculoskeletal Anatomy& Function	BIOL 213, BIOL 214, BIOL 215, & BIOL 216. Co-Requisite: ATTR 331
ATTR	331	Clinical Musculoskeletal Anatomy Lab	BIOL 213, BIOL 214, BIOL 215, & BIOL 216. Co-Requisite: ATTR 330
ATTR	335	Musculoskeletal Injury Assessment	ATTR 330 & 331; ; or by the professor Co-requisite: ATTR 336
ATTR	336	Musculoskeletal Injury Assessment Lab	ATTR 330 & 331; ; or by the professor Co-requisite: ATTR 335
ATTR	405	Theory of Therapeutic Rehabilitation	ATTR 335 & 336; or by the professor
ATTR	425	Healthcare Evidenced-Based Research Analysis	MATH 201, EXSC 320; or by the professor