

**Exercise Science Emphasis Area Prerequisites  
2019-2020 Catalog**

The courses listed below are all of the courses within the Exercise Science Emphasis area that required prerequisites in order to enroll in.	Required or recommended prerequisites for the courses listed on the left are listed in the boxes below:
<b>Course</b>	<b>Prerequisites</b>
<b><u>Required Courses:</u></b>	
BIOL 3301	BIOL 1101, or BIOL 2227 and BIOL 2227L
BIOL 3302	BIOL 1101, or BIOL 2227 and 2227L
BIOL 4453	Instructor Permission
CHEM 1111	MATH 1143 or Math 1147 or equivalent
CHEM 1112	CHEM 1111/1111L, MATH 1143 or Math 1147 or equivalent
MATH 1143	MATH 1108
MATH 1144	MATH 1143
MATH 1153	MATH 1108
MATH 1160	MATH 1143 or Math 1147
NTD 2239	CHEM 1101; CHEM 1102 Recommended
PE 3301	PE 2243 OR BIOL 3301/3301L & BIOL 3302/3302L
PE 3302	PE 2243 OR BIOL 3301/3301L & BIOL 3302/3302L, AND PHYS 1100 or PHYS 1111
PE 3370	PE 2243 OR BIOL 3301/3301L & BIOL 3302/3302L
PE 4454	Instructor Permission
PE 4482	PE 3302/ 3302L
PE 4484	PE 3301/3301L
PHYS 1111	MATH 1143 or Math 1147 or equivalent
PHYS 1112	PHYS 1111 or equivalent, and MATH 1143 or Math 1147 or equivalent
PHYS 1114	PHYS 1113
<b><u>Elective Courses:</u></b>	
BIOL 2221	CHEM 1101 or CHEM 1111, and BIOL 1101 or BIOL 2227/2227L
BIOL 2235	BIOL 110, BIOL 1102 and CHEM 1112
BIOL 4460	BIOL 4453
CHEM 3301	CHEM 1112 & CHEM 1112L
HE 2210	none
NTD 4439	NTD 2239
PE 4494	BIOL 3301/3301L or equivalent, OR PE 2243, PE 3300, PE 3362
PSYC 2225	none
PSYC 3301	PSYCH 1101