

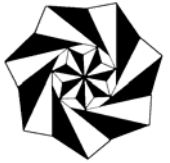
# INTERDISCIPLINARY SCIENCE MAJOR

The Interdisciplinary Science Major is designed to give a student a broad base in the sciences with more depth in a Primary Area of Science and a Supporting Area, usually outside of Science. The Core courses are common across the major but the student customizes the major by selecting a departmental or interdepartmental Primary Area based in Science and a Supporting Area which may come from any School in the University. There is a Primary Area representing each department in the College of Science and cross-disciplinary areas will be explored and added as appropriate. Several Supporting Areas will be suggested and a student may petition for approval of others.

NAME \_\_\_\_\_ ID# \_\_\_\_\_ ADVISOR \_\_\_\_\_  
 PRIMARY AREA \_\_\_\_\_ SUPPORTING AREA \_\_\_\_\_ DATE APPROVED \_\_\_\_\_

**INTERDISCIPLINARY CORE**  
 (YOU MUST COMPLETE THIS SECTION)  
 39-48 CREDITS 4

BIOL [110 & 111] or [225 & 226] or [121 & 131 & 136/137/138/139] for Biological Sciences or Environmental Biology Primary Area]	8 cr		
CHM [115 & 116] or [125 & 126]	8-10 cr		
C S 158, 159, 177 or 180	3-4 cr		
EAS [100, 109, or 111] or EAS [221 or 235 and 230]	3-4 cr		
MA [161 & 162] or [165 & 166] or [223 & 224]	6-10 cr		
PHYS [(172 or 152)&(271 or 241/252/290D)] or [220 & 221]	8-9 cr		
STAT 350, 503, 511	3 cr		



Other Primary Areas that cross departments within the College of Science may be added as they are developed and approved.

**PRIMARY AREA 12-18 CREDITS**  
 (YOU MUST CHOOSE ONE)

**Biological Sciences (781) 16-18 cr**

CHM [255 & 255L] or [257 & 257L]	4-5 cr	
BIOL 231	3 cr	
BIOL 232	2 cr	
BIOL 241	3 cr	
BIOL 242	2 cr	
BIOL elective at or above 400 level	2-3 cr	

**Chemistry (782) 16 cr**

CHM [255, 255L, 256 & 256L] or [261, 262, 263, & 264]	8 cr	
CHM 241	4 cr	
CHM 372	4 cr	

**Computer Sciences (787) 16 cr**

MA 161/162 required in Core.		
C S 180 required in Core.		
CS 182	3 cr	
CS 240	3 cr	
CS 250	4 cr	
CS 251	3 cr	
CS elective at or above 300 level	3 cr	

**Earth & Atmospheric Science (783) 15-16 cr**

#EAS 111 or	3 cr	
#EAS [221 & 230] or [225 & 230]	4 cr	
#One of these required in Core.		
EAS 112 or any EAS courses at or above 200 level	3 cr	
	3 cr	
	3 cr	
	3 cr	

**Mathematics (784) 17 cr**

MA 161/162 required in Core.		
MA 261	4 cr	
MA 366 or 262	4 cr	
MA 351 or 350	3 cr	
MA 453, 450, 341, or 440	3 cr	
MA elective at or above 300 level	3 cr	

**Physics (785) 13-14 cr**

MA 161/162 required in Core.		
PHYS (172 or 152 & (271 or 241/252/290D) required in Core.		
MA 261	4 cr	
PHYS 342 or 344	3-4 cr	
PHYS or ASTR elective at or above 300 level	3 cr	
PHYS or ASTR elective at or above 300 level	3 cr	

**Statistics (788) 12-13 cr**

MA 161/162 required in Core.		
STAT 512	3 cr	
STAT 513 or 514	3 cr	
STAT 225, 311, or 416	3 cr	
STAT 417, 513, or 514; or MA 261; or IE 335 or 336	3-4 cr	

**Environmental Biology (78E) 17 cr**

BIOL 231	3 cr	
BIOL 241	3 cr	
CHM 257	4 cr	
CHM 257L	1 cr	
BIOL 483	3 cr	
BIOL 585	3 cr	

