

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 college or school at 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 _____ PUID _____ ADVISOR _____
 PRIMARY AREA _____ SUPPORTING AREA _____ DATE APPROVED _____

INTERDISCIPLINARY CORE (COMPLETE THIS SECTION) 38-48 CREDITS			
BIOL [11000 & 11100] or [12100 & 13100 & 13500]	7-8 cr		
CHM [11500 & 11600] or [12500 & 12600]	8-10 cr		
C S 15800, 15900, 17700 or 18000	3-4 cr		
EAS [10000, 10900/19100, or 11100] or EAS [(22100 or 22500) and 23000]	3-4 cr		
MA [16100 & 16200] or [16500 & 16600] or [22300 & 22400] or [MA 23100 & 23200]	6-10 cr		
PHYS [17200 & (27200 or 24100/25200)] or [22000 & 22100]	8-9 cr		
STAT 35000, 50300, 51100	3 cr		

**Plus a PRIMARY AREA 12-17 CREDITS
(YOU MUST CHOOSE ONE)**

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

Biological Sciences		15-17 cr	
BIOL 23100	3 cr		
BIOL 23200	2 cr		
BIOL 24100	3 cr		
BIOL 24200	2 cr		
BIOL 28600	2 cr		
BIOL 32800, 36600, 39500 (Macromolecules), or [43800 & 43900]	3-5 cr		

Chemistry		16 cr	
CHM [25500, 25501, 25600 & 25601] or [26505, 26300, 26605, & 26400]	8 cr		
CHM 24100	4 cr		
CHM 37200	4 cr		

Computer Science		16 cr	
MA 16100/16200 required in Core.			
C S 18000 required in Core.			
CS 18200	3 cr		
CS 24000	3 cr		
CS 25000	4 cr		
CS 25100	3 cr		
CS elective at or above 30000 level	3 cr		

Earth & Atmospheric Science		15-16 cr	
#EAS 11100 or equivalent OR	3 cr		
#EAS [22100 or 22500] & 23000	4 cr		
# Whichever is not taken in the core.			
EAS 11200 or any EAS course at or above 20000 level	3 cr		
	3 cr		
	3 cr		
	3 cr		

Mathematics		16-17 cr	
MA 16100/16200 required in Core.			
MA 26100 or 27100	4 cr		
MA 36600 or 26200	3-4 cr		
MA 35100	3 cr		
MA 45300, 45000, 34100, or 44000	3 cr		
MA elective at or above 30000 level	3 cr		

Physics		13-14 cr	
MA 16100/16200 required in Core.			
PHYS [17200 & (27200 or 24100/25200)] required in Core.			
MA 26100	4 cr		
PHYS 34200 or 34400	3-4 cr		
PHYS elective at or above 30000 level	3 cr		
PHYS elective at or above 30000 level	3 cr		

Statistics		12-13 cr	
MA 16100/16200 required in Core.			
STAT 51200	3 cr		
STAT 51300 or 51400	3 cr		
STAT 22500, 31100, 41600, or 51600	3 cr		
STAT [41700, 51300, or 51400]; or MA 26100	3-4 cr		

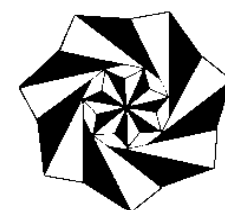
Environmental Biology		17 cr	
BIOL 23100	3 cr		
BIOL 24100	3 cr		
BIOL 28600	2 cr		
BIOL 48300	3 cr		
BIOL 58500	3 cr		
BIOL 32800, 36600, 39500 (Macromolecules), or [43800 & 43900]	3-5 cr		

Supporting Area courses may not overlap Core or Primary Area courses but may overlap the General Education Area. The Supporting Area may be built on the numerous minors available to Science students or on any coherent grouping of courses with a central unifying theme. These might include preprofessional, scientific writing, sales, forensics, technical studies, international studies, science policy, ethics, women's studies, African-American studies, etc. The possibilities are very broad but any plan must be approved by the College of Science dean or designee.

SUPPORTING AREA 18 cr (COMPLETE THIS SECTION)		
Unifying Theme: _____		
Please list the courses (totaling 18 credit hours) that fulfill your Supporting Area.		
SUPPORTING AREA EXAMPLE for Environmental Biology		18 cr
Other courses may be used upon approval.		
POL 42900	3 cr	
CE 35000	3 cr	
FNR 48800	3 cr	
PHIL 29000	3 cr	
POL 52300	3 cr	
POL 52000	3 cr	

COLLEGE OF SCIENCE CORE REQUIREMENTS (COMPLETE THIS SECTION)		
Writing, Communication, Teamwork		6-11 cr
ENGL [10600] or [10800]	3-4 cr	
Teamwork: Theory & Experience	1 cr	
Technical Writing	2-3 cr	
Technical Presentation	0-3 cr	
Language and Culture	9-12 cr.	
A passing letter grade (not P/N) in a second-semester language and an additional language, culture, or diversity class. If you are an international student, see your advisor for guidelines.		
	3-4 cr	
	3-4 cr	
	3-4 cr	
General Education	9 cr	
9 credits of courses including a two course sequence in Social Studies or Humanities.		
	3 cr	
	3 cr	
	3 cr	
Great Issues	3 cr	
	3 cr	
Multidisciplinary Experience	3-9 cr	

COLLEGE OF SCIENCE REQUIREMENTS	
For graduation, you must total 124 credit hours, 32 credits 300 level and above residency requirement, with a 2.0 or above cumulative GPA.	
FREE ELECTIVE HOURS:	
NO CREDIT COURSES:	
RESIDENCY REQUIREMENTS:	
TOTAL HOURS TO DATE:	
CURRENT HOURS:	+
NO CREDIT HOURS:	-
TOTAL CREDIT HOURS:	
GPA:	
DEFICIENCIES:	



ADVISOR'S SIGNATURE _____

DATE _____

AUDITOR'S SIGNATURE _____