

Biology & Society Curriculum Check Sheet 2000-2001 Catalog Year												Date:		
Name (Last, First MI):						ASU ID:						Advisor:		
30 hours at ASU main <input type="checkbox"/> 12 UD hours in the major at ASU main <input type="checkbox"/> 60 hours as ASU main to graduate with honors <input type="checkbox"/>												Student Initials:		
UNIVERSITY GENERAL STUDIES				COLLEGE GRADUATION REQUIREMENTS						MAJOR REQUIREMENTS				
AGEC or TGECC CERTIFICATION YES <input type="checkbox"/> NO <input type="checkbox"/>				You can <u>NOT</u> cross-list (double count) courses from the College Graduation Humanities, Social and Behavioral Sciences and Natural Sciences and Mathematics areas with the University General Studies HU, SB, SG or SQ areas.						C minimum required in all upper division course work. Minimum 44 hours required.				
Course Prefix & No.	Hrs	<input checked="" type="checkbox"/>	UD	DARS	Course Prefix & No.	Hrs	<input checked="" type="checkbox"/>	UD	DARS	Course Prefix & No.	Hrs	UD	DARS	
First Year Composition (Requires C minimum)				Second Language (4 th semester Requires C minimum)						BIO 193 or BIO 181 & 182				
										BIO 311 Biology and Society	4 4/4			
										BIO 320 Fundamentals of Ecology or BIO 345 Organic Evolution	3	3		
					Humanities: 6 hours must be upper division (6 to 9 hours ²)						BIO 340 Gen Genetics or BIO 341 Genetic Analysis	4 5	4 5	
Literacy and Critical Inquiry								3		BIO 419 Research Colloquium	3	3		
L								3		Research (e.g., BIO 484, BIO 495, BIO 499 or HON 493)	3	3		
L			3							INTERFACE REQUIREMENTS (12 upper division hours with at least 3 hrs from each of the following three areas: Ethics, History or Philosophy of Science, & Contemporary Issues ³)				
Numeracy				Social and Behavioral Sciences: 6 hours must be upper division (6 to 9 hours ²)										
MA														
CS								3						
Humanities and Fine Art HU (6 to 9 hours ²)								3						
HU					Natural Sciences and Mathematics (6 to 8 hours)									
HU														
HU			(3)							ELECTIVE COURSES (12 UD hours in BIO/PLB/MIC/LSC, see back page)				
Social and Behavioral Sciences (6 to 9 hours ²)														
SB					COLLEGE TOTALS									
SB					ELECTIVES									
SB			(3)											
Sciences (8 hours)														
SQ	Fulfilled by courses in the major.									MAJOR TOTALS				
SQ/SG										RELATED FIELDS (Cross-list¹)				
Awareness Areas – must fulfill all 3 (Cross-list ¹)										1. Physical Sciences (esp. Chemistry) 11 hrs minimum				
Cultural Diversity – C <input type="checkbox"/>														
Global - G <input type="checkbox"/>														
Historical – H <input type="checkbox"/>														
UNIVERSITY TOTALS										2. Statistics (Bio 415 rec.) 3-4				
MINOR (CANNOT CROSS LIST WITH COURSES IN MAJOR ²)										MATH PROFICIENCY				
										MAT 210 (or any calculus, C minimum required) 3				
										Hrs	UD	DARS		
										UNIVERSITY TOTALS				
										COLLEGE TOTALS				
										MAJOR + RELATED FIELDS + MATH TOTALS				
										ELECTIVE TOTALS				
										Minimum requirements: 120 Total Credit Hours, 45 UD				
										GRAND TOTAL HRS				
										ELECTIVE TOTALS				

^{1,2} Please see the instructions and key on the back of this sheet.

³ See description of areas and courses on the attached cover sheet or consult an advisor.

How to use this check sheet:

In each column list the course and prefix number that fulfills the corresponding requirement. In the appropriate column next to the course, write the number of semester credit hours. If the course is an upper division course (300 level or higher) also mark the number of credit hours in the UD column next to the course. Use the ✓ column to indicate the course has been taken.

When cross listing courses (using the same class to fulfill two requirements) take extra care not to double count the credit hours. Write the number of hours under one of the requirements, and cross out the appropriate column under the cross-listed requirement.

Key

Hrs = Credit hours for the course

✓ = Course completed

UD = Upper division courses (300 and above at ASU)

DARS = Degree Audit Reporting System.

Footnote references

¹ When cross listing do not count credit hours more than once.

² A total of 15 hours must be taken from both the University General Studies Humanities/Fine Arts (HU) and College Graduation Humanities areas. A total of 6 upper-division hours must be taken in CLAS Humanities. CLAS Humanities departments may differ from University General Studies HU designations. CLAS Humanities credits come only from the following departmental prefixes: AFH, CSH, ENG (Literature courses only), HUM, PHI, HPS, REL, WSH, Department of Languages & Literatures - FLA 150 or any upper division literature or civilization course (e.g., SPA 325).

A total of 15 hours must be taken from both the University General Studies (SB) and College Graduation Social/ Behavioral Sciences areas. A total of 6 upper-division hours must be taken in CLAS Social/Behavioral Sciences. CLAS Social/ Behavioral Sciences departments may differ from University General Studies SB designations. CLAS Social/ Behavioral Sciences credits come only from the following departmental prefixes: AFS, ASB, CSS, ECN, GCU, HIS, POS, PGS, SOC, WST (not WST 413, 464, 470).

Remember that the University General Studies combined HU and SB requirements requires a minimum of six hours in one area and nine in the other for a total of 15. At least one course must be at the upper division level.

Note: Please see the CLAS Curriculum Guide and the ASU General Catalog for information on what courses fulfill these requirements.

BIOLOGY AND SOCIETY MAJOR REQUIREMENTS

Major Courses

1. BIO 193 (4) The Nature of Biological Sciences
OR
BIO 181 (4) General Biology &
BIO 182 (4) General Biology
2. BIO 311 (3) Biology and Society
3. BIO 320 (3) Fundamentals of Ecology
OR
BIO 345 (3) Organic Evolution
4. BIO 340 (4) General Genetics
OR
BIO 341 (5) Genetic Analysis
5. BIO 419 (3) Research Colloquium in Biology and Society
6. Research (3) e.g., BIO 493, BIO 495, BIO 499 or HON 493

Prerequisites

- no prerequisites
- no prerequisites, CHM 113 & 115 (rec.)
BIO 181
- BIO 193 or BIO 181 or BIO 182
BIO 182 or Instructor Approval
- BIO 182 or Instructor Approval
BIO 182 or Instructor Approval
- BIO 193, 182 or equivalent
BIO 311 or Instructor Approval
- Consult the catalog or an advisor

Interface Requirements 12 hours of upper division, including at least 3 hrs from each of the following three areas: Ethics, History or Philosophy of Science, & Science in Contemporary Society.

Electives 12 hours of upper division coursework to complete the required 44 hours in the major. Any BIO, PLB, MIC, LSC (ASU West) will apply. Other courses may be chosen in consultation with an advisor.

Related Fields 11 hours minimum, Physical Sciences (especially Chemistry), plus 3-4 hours Statistics (BIO 415 recommended.)

Math Proficiency MAT 210 (or any Calculus, C minimum required.)