

**DEPARTMENT OF BIOLOGY** ARIZONA STATE UNIVERSITY **1998-2000 CATALOG**  
**CURRICULUM CHECKSHEET** COLLEGE OF LIBERAL ARTS AND SCIENCES (CLAS)

NAME				ASU ID				ADVISOR				
DEGREE <b>B.S.</b>		<b>CONSERVATION BIOLOGY</b>		MINOR (IF ANY)				This checksheet can help in completing the CLAS checksheet that must be submitted with your Program of Study in the semester you register for your 87th hour. All requirements are described in detail in the CLAS Curriculum Guide.				
COURSE PREFIX & NO.		Sem	%	Upper	COURSE PREFIX & NO.		Sem	%	Upper	TGECC CERTIFICATION 9 YES 9 NO		
<b>PROFICIENCY REQUIREMENTS</b>				<b>MAJOR REQUIREMENTS</b> (min. 45 hr; *C min. req.)				<b>UNIVERSITY GENERAL STUDIES CORE AREAS</b> (cross-listed from left 2 columns)				
FIRST-YEAR COMPOSITION				BIO 193 or				4				
ENG 101		3			BIO 181 & BIO 182		4/4				LITERACY AND CRITICAL INQUIRY	
ENG 102		3			BIO 317 Conservation Biology		3				L:	
FOREIGN LANGUAGE				*BIO 320 Fundamentals of Ecology				3		3		L: BIO 410
101		4			*BIO 340 General Genetics or BIO 341 Genetic Analysis		4/5		4/5		NUMERACY	
102		4			*BIO 415 Biometry		4		4		MA: (Calculus)	
201		4			*BIO 360 Basic Physiology		4		4		CS: BIO 415	
202		4			*BIO 410 Tech. Wildlife Conservation		3		3			
MATHEMATICS				*BIO 411 Adv Conservation Biology I				3		3		HUMANITIES/FINE ARTS (3 or 2 from dist.)
MAT				*BIO 413 Adv Conservation Biology II				3		3		
MAT (calculus)		3			+ 9 to 14 credits u.d. BIO/PLB							
<b>PROFICIENCY TOTALS</b>				or in related departments								
<b>DISTRIBUTION REQUIREMENTS (CLAS)</b>				in consultation with an advisor								SOCIAL/BEHAVIORAL (2 or 3 from dist.)
HUMANITIES (5, at least 3 from CLAS depts., min 2 CLAS U.D.)												
1.		3										
2.		3										
3.		3										
4.		3		3	<b>MAJOR TOTALS</b>						SCIENCES	
5. (rec. PHI 310)		3		3							(satisfied by supplemental requirements of major)	
SOCIAL/BEHAVIORAL (5, from 2 or 3 CLAS depts., min 2 U.D.)				<b>RELATED FIELDS</b> (cross-list w/ Nat. Sciences) =Required Supplementary Courses								AWARENESS AREAS (3 credits in each area)
1.		3			CHM 113		4				GLOBAL (For Lang. 201 or 202 may satisfy)	
2.		3			CHM 115		5				HISTORICAL	
3.		3			CHM 231,235 or 331,332,335,336		4/8		4/8		CULTURAL DIVERSITY	
4.		3		3								
5. (rec. GCU 474 or SOC 331)		3		3	<b>MINOR REQUIREMENTS (CROSS-LIST) (OPTIONAL)</b>							
												<b>SEMESTER HOUR TALLY</b> Sem Up Hrs. Div.
NATURAL SCIENCES AND MATHEMATICS												PROFICIENCY TOTALS
<b>SATISFIED BY MAJOR SUPPLEMENTAL REQUIREMENTS</b>												DISTRIBUTION TOTALS
												ELECTIVES TOTALS
												MAJOR TOTALS
<b>DISTRIBUTION TOTALS</b>				<b>ELECTIVES, cont.</b> subtotal from left								TOTAL SEM. HRS (min. 120)
<b>ELECTIVES</b> (Courses which may satisfy only Total or U.D. req.) (rec. GPH 471 - GIS)												TOTAL UPPER DIVISION (min 45)
												ADDITIONAL REQUIREMENTS: _____
												30 HOURS AT ASU _____
												MIN. GPA 2.00 _____
<b>ELECTIVES, SUB-TOTAL</b>				<b>ELECTIVES, TOTAL</b>								

## CONSERVATION BIOLOGY REQUIREMENTS

### COURSE

### PREREQUISITES

BIO 193 (4) ___ The nature of Biological Sciences	no prerequisites
<b>OR</b>	
BIO 181 (4) ___ General Biology	no prerequisites
BIO 182 (4) ___ General Biology	BIO 181
BIO 317 (3) ___ Conservation Biology	8 hrs. of Biology
BIO 320 (3) ___ Fundamentals of Ecology	BIO 182 or Instr Appr
BIO 340 (4) ___ General Genetics or BIO 341 Genetic Analysis (5)	BIO 182
BIO 415 (4) ___ Biometry	MAT 210 or equivalent
BIO 360 (4) ___ Basic Physiology	BIO 182; CHM 115; MAT 117
BIO 410 (3) ___ Techniques in Wildlife Conservation	BIO 317 or 320 or Instr Appr
BIO 411 (3) ___ Advanced Conservation Biology I	BIO 317; BIO 320; or Instr Appr
BIO 413 (3) ___ Advanced Conservation Biology II	BIO 317; BIO 320; or Instr Appr

+ 9 to 14 credit hours upper division BIO, PLB or related courses chosen in consultation with an advisor.

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### RELATED COURSES:

CHM 113 (4) \_\_\_ General Chemistry with lab  
CHM 115 (5) \_\_\_ General Chemistry with Qualitative Analysis with lab  
EITHER:

CHM 231 (3) \_\_\_ & 235 (1) \_\_\_ Elementary Organic Chemistry & Lab

**OR**

CHM 331 (3) \_\_\_ & 335 (1) \_\_\_ General Organic Chemistry & Lab  
CHM 332 (3) \_\_\_ & 336 (1) \_\_\_ General Organic Chemistry & Lab

## CLAS DISTRIBUTION REQUIREMENTS

### **HUMANITIES**

At least 9 of the 15 required hours must come from the following departments. 6 hours must be upper division (300 level or higher): AFH\*, CSH, ENG (Literature courses only), HUM, PHI, HPS, REL, WST\*\* (WST 413, 464, 470 only), Department of Languages & Literatures - FLA 150 or any upper division literature or civilization course (e.g., SPA 325). The remaining 6 hours may come from the prefixes listed above or any of the following departments: APH, ARS, DAH, HML, MUS, THE, HON (171 only). Note: no studio or performance classes.

### **SOCIAL AND BEHAVIORAL SCIENCES**

The 15 required hours must be taken from at least two but from no more than three of the following departments. Six hours must be upper division: AFS, ASB, CSS, ECN, GCU, HIS, HON (172 only), POS, PGS, SOC, WST\*\* (not WST 413, 464, 470).

\*For students in the 99-00 and after catalogs. \*\* For students in the 98-99 and after catalogs.