

Department of Biology Curriculum Checksheet

2002-03

NAME	ASU ID	ADVISOR
B.S. Biology		MINOR (IF ANY)
This checksheet is a guide to completing the appropriate coursework for this major. Please reference the catalog for specific requirements. ASU students are required to file a Declaration of Graduation before completion of 87 credit hours.		

UNIVERSITY GENERAL STUDIES L, MA, CS, C, G, & H courses may be cross-listed in some cases. HU & SB courses MAY NOT be cross-listed. ASK YOUR ADVISOR.

COURSE	V	HRS	UD
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LITERACY COURSES (min. 1 upper div)

L:			
L: (e.g., PLB300)			

NUMERACY

- Mathematics (MA): Calculus
- Comp. Sci./Statistics (CS): STP 226

HUMANITIES/FINE ARTS (HU courses)

1.			
2.			

SOCIAL/BEHAVIORAL (SB courses)

1.			
2.			

UPPER DIVISION HU OR SB COURSE

1.			
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NATURAL SCIENCES (satisfied by major)

GENERAL STUDIES TOTALS	HRS	UD
(Do not count cross-listed courses twice)		

UNIVERSITY GENERAL STUDIES AWARENESS AREAS

- CULTURAL DIVERSITY (C)
- GLOBAL AWARENESS (G)
- HISTORICAL AWARENESS (H)

SEMESTER HOUR TALLY

	HRS	UD
GENERAL STUDIES TOTALS		
PROFICIENCY TOTALS		
CLAS GRADUATION TOTALS		
ELECTIVE/MINOR TOTALS		
MAJOR TOTALS		
GRAND TOTAL Minimum 120 hrs/45 hrs u.d.		

CLAS REQUIREMENTS Please see the back side of this sheet for further information

PROFICIENCY REQUIREMENTS

COURSE	V	HRS	UD
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FIRST-YEAR COMPOSITION

ENG 101		3	no
ENG 102		3	no

FOREIGN LANGUAGE (202 level required)

101		4	no
102		4	no
201		4	no
202		4	no

MATHEMATICS (calculus required)

Calculus (MAT 251 rec)			
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PROFICIENCY TOTALS

CLAS GRADUATION REQUIREMENTS
15 upper division credits total
MAY NOT be cross-listed with HU or SB.

CLAS HUMANITIES (6 credits, see over)

1.		3	3
2.		3	3

CLAS SOCIAL/BEHAVIORAL SCIENCES (6 credits, see over)

1.		3	3
2.		3	3

BRIDGE COURSE (3 credits, see over)
Might cross-list with major

1.		3	3
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GRADUATION TOTALS

ELECTIVES/MINOR (if applicable)

ELECTIVE/MINOR TOTALS

MAJOR REQUIREMENTS Minimum 34 hr; C grade minimum required in major courses; 3 upper division lab courses required; transfer courses subject to approval.

COURSE	V	HRS	UD
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Gen Biol I	BIO 187	4	no
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Gen Biol II	BIO 188	4	no
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Gen Genetics	BIO 340	4	4
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Organic Evol	BIO 345	3	3
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Cellular Diversity Course (choose one)

Develop Anat	BIO 351	3	3
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Cell Biol	BIO 353	3	3
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Animal Phys	BIO 360	3	3
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Bacterial Phys	MIC 360	3	3
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Plant Phys	PLB 308	4	4
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Organismal Diversity Course (choose one)

Animal Behav	BIO 331	3	3
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Vert Zool	BIO 370	4	4
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Invert Zool	BIO 385	4	4
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Biol of Micro	MIC 220	3	no
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+ Micro Lab	MIC 206	1	no
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Plant Diversity	PLB 300	4	4
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Electives (to meet 34 hr requirement)

Total Major Hours
34 minimum/12 UD main

List 3 upper division labs from above

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RELATED FIELDS (= Required Courses)

CHM 113		4	no
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CHM 115 or		4	no
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CHM 116		5	no
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CHM 231,235 or		4	no
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CHM 331,332, 335, 336		8	8
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PHY 101 or		4	no
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PHY 111, 112, 113, 114		8	no
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Statistics	STP 226	3	no
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Calculus (credit hrs already counted)

TOTALS

	Hrs	UD
MAJOR*		
RELATED AREAS		

*Students must have 12 upper division hours in the major at ASU Main

Key: Hrs = credit hours, UD = Upper division courses (300 and 400 at ASU)

How to use this check sheet: 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 (junior or senior level, numbered 300-499 at ASU) also mark the number of credit hours in the UD column next to the course. Courses numbered 500 or above require special permission, ask for the petition form in the CLAS office in SS 111. When cross listing courses (i.e., 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.

University General Studies Requirements: Please see the current catalog or schedule of classes for a listing of courses that qualify for General Studies credit (i.e., L, MA, CS, HU, SB, SQ/SG, C, G, H).

Note: University General Studies HU and SB courses are not the same as CLAS Humanities and Social and Behavioral Science credits. See below.

CLAS Graduation Requirements:

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).

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).

CLAS Bridge courses (NOTE: New courses are periodically added; please see the "Bridge Course" flyer or look on the CLAS website for an updated list.) The Bridge course requirement cannot be double counted to fill other requirements for the university or college. Courses in **bold** may count toward the major, see an advisor to choose those courses.

ASB 240/REL 240	Intro to Southeast Asia	PLB 422	Plant Geography
ASB 326	Human Impacts on Anc Environ		
ASB 350	Anthropology and Art	PSY 424	Genetic Psychology
ASB 353	Death and Dying, Cross-Cultur. Persp.	PSY 425	Biological Bases of Behavior
ASB 462	Medical Anthropology	PSY 426	Neuroanatomy
ASM 248	Bioarchaeology of Cannibalism	PSY 470	Psychopharmacology
BIO 311	Biology and Society	REL 379	Religion, Nationalism, and Ethnic Conflict
BIO 316	History of Biology	REL 382	Religion, Magic, and Science
BIO 318/HPS 331	History of Medicine	REL 390	Women and Religion
BIO 319/PLB 320	Environ Science (<u>non-major</u>)	REL 480	Religion and Global Politics
BIO 427	Fire		
		SCA 250	Introduction to Scandinavian Culture
ENG 312	English in its Social Setting		
ENG 494	Science & Literature Across the Cultural Divide	SHS 394:	ST: Brain, Memory, and Language
EPE 452	Exercise Psychology		
		SOC 334	Technology and Society
GCU 344	Geography of Hispanic Americans	SOC 390	Social Statistics I
GPH 314	Global Change	SOC 420	Sociology of Religion
GPH 405	Energy and Environment	SOC 451	Comparative Sociology
GPH 422	Plant Geography	SOC 483	History of Social Thought
HST 460	History of Fire	WST 394	Women and Religion
HUM 420	Interpreting Latin America		
MIC 394/PGS 394	ST: Disease & AIDS in America		