

Name _____

Major Applied Biological Sciences

Degree BS

Applied Biological Sciences Concentration

I. English Proficiency (6 hrs) (University requirement - "C" min required)	<u>Hrs Cr</u>		<u>Trans</u> <u>from</u>	<u>Gr</u>
	<u>ASU</u>	<u>Tr</u>		
ENG 101 First-Year Comp (3) and ENG 102 First-Year Comp (3) or, if eligible, ENG 105 Adv First-Year Comp (3) (see Catalog for eligibility requirements)				
Sub Total (I)				

II. General Studies (35 hrs) (see Catalog for approved courses)				
A. Humanities & Social Sciences (15 hrs) Combined requirement: Six hours in one area, nine hours in the other, and three hours must be upper-division.				
Humanities/Fine Arts (6-9 hrs min.) (HU)				

Social/Behavioral Sciences (6-9 hrs min) (SB)				

Awareness Areas - Cultural, Global and Historical awareness areas must be satisfied. Courses that are listed for a core and awareness area may satisfy both requirements concurrently, as may courses that are listed for more than one awareness area.				
C:				
G:				
H:				

B. Literacy/Critical Inquiry (6 hrs min)				
L:				
L:				

C. Natural Sciences (8 hrs min) SQ/SG- At least four hours must be SQ				
SQ/SG:				
SQ/SG:				

D. Mathematical Studies (6 hrs min) One MA (mathematics course) and one CS (Computer/statistics/quantitative applications) course.				
MA:				
CS:				
Sub Total (II)				

III. Applied Biological Sciences Core (*May be cross listed with General Studies)				
ABS 350 Applied Statistics (3) CS				
BIO 187 General Biology I (4) SG				
BIO 188 General Biology II (4) SQ				
MAT 210 Brief Calculus (3) MA				
Total: (14)				

IV. Applied Biological Sciences Concentration	<u>Hrs Cr</u>		<u>Trans</u> <u>from</u>	<u>Gr</u>
	<u>ASU</u>	<u>Tr</u>		

Choose between the Biology combinations below:				
1. ABS 207 Applied Plant Taxonomy (3)				
PLB 308 Plant Physiology (4)				
OR				
2. ABS 355 Vertebrate Zoology (4)				
BIO 360 Animal Physiology (3)				
BIO 361 Animal Physiology Laboratory (2)				
OR				
3. BIO 201 Human Anatomy & Physiology I (4) SG				
BIO 202 Human Anatomy & Physiology II (4)				

	<u>Hrs Cr</u>		<u>Trans</u> <u>from</u>	<u>Gr</u>
	<u>ASU</u>	<u>Tr</u>		

Choose between the Soils/Microbiology combinations below:				
1. ABS 225 Soils (3)				
ABS 226 Soils Laboratory (1)				

OR				
2. MIC 205 Microbiology (3) SG				
MIC 206 Microbiology Laboratory (1) SG				

Genetics and Chemistry				
BIO 340 General Genetics (4)				
CHM 113 General Chemistry (4) SQ				
CHM 116 General Chemistry (4) SQ				

Choose between the Organic Chemistry combinations below:				
1. CHM 231 Elem. Organic Chemistry (3) SQ				
CHM 235 Elem. Organic Chemistry Lab (1) SQ				

OR				
2. CHM 331 General Organic Chemistry (3)				
CHM 332 General Organic Chemistry (3)				
CHM 335 General Organic Chemistry Lab (1)				
CHM 336 General Organic Chemistry Lab (1)				

Two courses chosen from the following list:				
ABS 150 Environmental Conservation (3)				
ABS 370 Ecology: Indv, Pop, & Comm (3)				
EXW 300 Foundtn of Ex and Wellness (3) L/SB				
NTR 241 Human Nutrition (3)				
PGS 101 Introduction to Psychology (3) SB				
Total: (33-38)				

Note: See applied psychology, ecology, exercise and wellness, human nutrition, or wildlife block of courses on page 2.

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Applied Biological Sciences Concentration
2003-2004 Curriculum Check Sheet page 2**

Name: _____

Complete one block of courses in: applied psychology, ecology, exercise and wellness, human nutrition, or wildlife.

APPLIED PSYCHOLOGY

PGS 101 Introduction to Psychology (3) <i>SB</i>				
PSY 230 Introduction to Statistics (3) <i>CS</i>				
or Equivalent statistics course				
PSY 290 Research Methods (4) <i>L/SG</i>				
PSY 437 Human Factors (3) <i>L</i>				
or PSY 438 Human-Computer Interaction				
or PSY 440 Industrial/Org Psych				
Additional hours upper-division PSY and/or PGS courses.....	9			
Total: (22)				

*This PSY course is offered only by ASU East. All other PSY courses listed above are offered by ASU East and ASU Main.

ECOLOGY

ABS 372 Ecology: Ecosys & Landscapes (3)				
ABS 376 Wildlife Ecology (3)				
or ABS 434 Soil Ecology				
ABS 402 Veg and Wildlife Measurement (3)				
Approved upper-division ecology electives.....	9			
Total: (18)				

EXERCISE AND WELLNESS (MINOR)

EXW 300 Found of Ex and Wellness (3) <i>L/SB</i>				
EXW 325 Fitness for Life (3)				
EXW 342 Health Behavior Change (3)				
EXW 450 Cultural and Social Issues in Exercise and Wellness (3) <i>SB,C</i>				
EXW electives*.....	6			
Total: (18)				

*Six semester hours must be selected from an approved list of EXW electives. See an advisor for a list of approved electives.

HUMAN NUTRITION (MINOR)

NTR 100 Introductory Nutrition (3)				
or NTR 241 Human Nutrition				
NTR 142 Applied Food Principles (3)				
NTR 300 Computer Apps in Nutrition (3) <i>CS</i>				
NTR 343 Food Service Purchasing (3)				
NTR 344 Nutrition Services Mgmt (3) <i>L</i>				
NTR 401 Prof Practice in Food Svc Mgmt (3)				
NTR 445 Quantity Food Production (3)				
Total: (21 hours)				

WILDLIFE

ABS 374 Intro to Wildlife Mgmt (3)				
or ABS 375 Conservation Biology				
ABS 376 Wildlife Ecology (3)				
ABS 470 Mammalogy (3)				
or ABS 471 Ornithology				
ABS 475 Habitat Mgmt for Sm Wildlife (3)				
or ABS 476 Big Game Habitat Mgmt (3)				
ABS 480 Ecosystem Mgmt & Planning (3) <i>L</i>				
Approved elective.....	3			
Total: (12-18)				

V. GENERAL ELECTIVES (9-14)

TOTAL PROGRAM HOURS:

I. English				
II. General Studies				
III. ABS Core				
IV. ABS Concentration				
Applied Psychology				
or Ecology				
or Exercise and Wellness				
or Human Nutrition				
or Wildlife				
V. General Electives				
Total Program Hours				

Graduation Requirements (Regular Curriculum –120 hours)

Total upper-division hours _____ (minimum required 45)

