

STUDENT:



STUDENT ID NUMBER:

**COLLEGE OF LIBERAL ARTS & SCIENCES • BS • BIO/ALLIED HEALTH**

Program Code: ULASBIOAH

Version Number: Fall 2011

Effective Date: 08/29/2011

**GENERAL EDUCATION**

I. UNIVERSITY CORE (12 credits)	RC	CR	GR
<b>A. Oral Communication:</b> COM 10 or above			
COURSE:	3		
<b>B. Written Communication:</b> ENG 23, 24, or 25			
COURSE:	3		
<b>C. Mathematics:</b> MAT 17 or above			
COURSE: ▲ MAT 106, 115, or 181	3	3/4	
<b>D. Wellness:</b> Any 3-credit HEA course			
COURSE:	3		

II. UNIVERSITY DISTRIBUTION (15 credits)	RC	CR	GR	CAC
<b>A. Natural Sciences:</b> Any lab or non-lab course with prefix AST, BIO, CHM, ENV, GEL, MAR, NSE, or PHY; or certain GEG courses (see note at right)				
COURSE: ▲ BIO 216QL	3			
<b>B. Social Sciences:</b> Any course with prefix ANT, CRJ, ECO, HIS, INT, MCS, PSY, POL, SOC, SSE, or SWK; or certain GEG courses (see note at right)				
COURSE: ▲ PSY at the 100, 200, or 300 level but not PSY 200	3			
<b>C. Humanities:</b> Any course with prefix ENG, HUM, PAG, PHI, WRI, WGS, or Modern Language				
COURSE:	3			
<b>D. Arts:</b> Any course with prefix ARC, ARH, ART, CDE, CDH, CFT, DAN, FAR, FAS, MUP, MUS, or THE				
COURSE:	3			
<b>E. Free Elective:</b> Any course carrying university credit				
COURSE:	3			

III. COMPETENCIES ACROSS THE CURRICULUM	RC	CR	GR	CAC
<b>A. Writing Intensive (WI)</b> (9 credits)				
COURSE:	3			WI
COURSE:	3			WI
COURSE:	3			WI
<b>B. Quantitative Literacy (QL)</b> (3 credits) [01]				
<b>Computer-Intensive (CP)</b> (3 credits)				
COURSE:	3			
<b>C. Visual Literacy (VL)</b> (3 credits) [01]				
<b>Communication-Intensive (CM)</b> (3 credits)				
COURSE:	3			
<b>D. Cultural Diversity (CD)</b> (3 credits)				
COURSE:	3			CD
<b>E. Critical Thinking (CT)</b> (3 credits)				
COURSE:	3			CT

A Competency Across the Curriculum (CAC) course is not a separate course, but rather an overlay that is "double counted" as fulfilling both the CAC requirement and another requirement in either General Education (except for the University Core), the major, or the minor.

▲ Indicates the suggested placement in General Education of a required major course.

RC = Minimum required number of credits

CR = Credits earned (fill in number of credits)

GR = Grade earned (fill in letter grade)

CAC = Competency Across the Curriculum (fill in designation)

**NOTE:** GEG courses with a lab and 40, 322, and 323 may be used in II.A. and GEG courses 40, 204, 274, 304, 322, 323, 324, 347, 380, and 394 may NOT be used in II.B.

IV. COLLEGE DISTRIBUTION (33 credits)	RC	CR	GR	CAC
<b>A. Natural Science, Mathematics, and Computer Science# (6 credits):</b> Choose one course in each subcategory.				
<b>1. Natural Science with Lab:</b> AST, BIO, CHM, ENV, GEL, PHY, or MAR; or GEG (see note at right)				
COURSE: ▲ BIO 224	3			
<b>2. Elective:</b> MAT, CSC, AST, BIO, CHM, ENV, GEL, PHY, or MAR; or GEG (see note at right)				
COURSE:	3			
<b>B. Social Science (9 credits):</b> Choose one course in each subcategory.				
<b>1. Elective:</b> HIS, ANT, GEG (see note at right), or POL				
COURSE:	3			
<b>2. Elective:</b> PSY, SOC, CRJ, or SWK				
COURSE:	3			
<b>3. Elective:</b> ANT, HIS, ECO, GEG (see note at right), PSY, POL, SOC, CRJ, or SWK				
COURSE:	3			

	RC	CR	GR	CAC
<b>C. Humanities (9 credits):</b> Choose one course in each subcategory.				
<b>1. Elective:</b> PAG*, ENG, WRI, or HUM				
COURSE:	3			
<b>2. Elective:</b> Modern Language (103 or above) or PHI				
COURSE:	3			
<b>3. Elective:</b> PAG*, ENG, WRI, HUM, Modern Language (103 or above), or PHI				
COURSE:	3			
<b>D. Free Electives (9 credits):</b> Choose any university courses that count toward graduation.				
COURSE: ▲ BIO 270CTWI	3			
COURSE: ▲ MAT 140QL, PSY/SOC 200, or MAT 150	3	3/4		
COURSE:	3			

**NOTE:** GEG courses with a lab and 40, 322, and 323 may be used in IV.A. and GEG courses 40, 204, 274, 304, 322, 323, 324, 347, 380, and 394 may NOT be used in IV.B.

# Students in the College of Liberal Arts and Sciences are required to take at least one course in Biological Science (BIO) and at least one course in Physical Science (AST, CHM, ENV, GEL, PHY, MAR, GEG with lab, or GEG 40, GEG 322, or GEG 323), and at least one of which must be a lab (each course may be counted in either sections II.A or IV.A).

\* Excludes PAG 011 and PAG 012

**LIBERAL ARTS AND SCIENCES: BACHELOR OF SCIENCE BIOLOGY / ALLIED HEALTH**

<b>MAJOR PROGRAM: 60 S.H.</b>			
<b>V. MAJOR REQUIREMENTS: 40 S.H. (See Note 1)</b>			
<b>A. REQUIRED BIO: 14 S.H.</b>	<b>Gr.</b>	<b>S.H.</b>	<b>CAC</b>
BIO 104 Principles of Biology*		4	
BIO 106 Intro. To Zoology		4	
BIO 108 Intro. To Botany		4	
▲ BIO 216QL Genetics			
▲ BIO 224 Applied Env. Microbiology			
▲ BIO 270CT WI Research Methods			
BIO 380 Senior Seminar		2	
<b>B. Allied Health TRACK: 8 S.H.</b>			
BIO 120 Anatomy & Phys. I		4	
BIO 122 Anatomy & Phys. II		4	
<b>C. ELECTIVES: 18 S.H.</b>			
BIO 252 Cellular Phys. & Metab. BIO 264 Comparative Anatomy BIO 306 Food Microbiology BIO 330 Histology BIO 334 Medical Parasitology BIO 336 Medical Microbiology BIO 354 Developmental Biology BIO 356 Immunology BIO 370 Research in Biology <b>OR</b> BIO 390 Internship in Biology CHM 216VL Organic Chemistry II BIO 460 Cancer Biology		12	
		Select four courses from this block.	
BIO Field Elective (See Note 3)		3	
BIO 200, 300 or 400 level Elective		3	
<b>VI. CONCOMITANT COURSES: 20 S.H.</b>			
<b>A. REQUIRED CHM: 12 S.H.</b>			
CHM 100 General Chemistry I		4	
CHM 102 General Chemistry II		4	
CHM 204 Fund. of Organic Chem. <b>OR</b> CHM 214VL Organic Chemistry I		4	
<b>B. REQUIRED PHY: 8 S.H.</b>			
PHY 040 Physics I & PHY 042 Physics II <b>OR</b> PHY 100 Physics I & PHY 102 Physics II		4	
		4	
<b>C. MATHEMATICS</b>			
▲ MAT 106 Trigonometry <b>OR</b> MAT 115 Precalculus <b>OR</b> MAT 181 Calculus I			
▲ MAT 140QL Applied Statistics <b>OR</b> PSY/SOC 200 Statistics** <b>OR</b> MAT 150 Biostatistics <b>OR</b>			
<b>D. PSYCHOLOGY: (See Note 6)</b>			
▲ PSY at the 100, 200, or 300 level			

▲ Indicates courses required for the major, but used to satisfy requirements of General Education.

The units for these courses are counted only under General Education.

<b>VIII. GRADUATION REQUIREMENTS</b>		
A. At least 120 Semester Hours	yes	no
B. Comprehensive Exam Passed	yes	no
C. Minimum QPA of 2.0 overall	yes	no
D. Minimum QPA of 2.0 in major	yes	no
E. 5 <b>BIO</b> courses in Cat. V at the 300 or 400 level	yes	no

<b>NOTES</b>
<b>1.</b> 5 <b>BIO</b> courses in Cat. V must be at the 300 or 400 level.
<b>2.</b> *Grade of C or better required for BIO 104 to be counted as a prerequisite.
<b>3.</b> Choose one course from among the following: BIO 218 Vertebrate Biology, BIO/ENV 222 WI Env. Bio, BIO/MAR 226 Marine Biology, BIO 230 Plant Tax, BIO/ENV 244 Ecology, BIO 302 Entomology, BIO 308 Ornithology, BIO 314 Animal Behav., BIO 322 Pop & Comm Ecology, BIO 324 Plant Ecology, BIO 342 Herpetology, BIO 332 WI Aquatic Ecology, BIO 358 Conservation Biology, Biology courses offered at Chincoteague Bay Field Station (200 level or above)
<b>4.</b> No single course can be used in more than one category.
<b>5.</b> ** PSY 011 and SOC 010 are prereq. for this course
<b>6.</b> PSY 200 cannot be used to fulfill this category

Academic Plan: ULASBIOAH  
Effective Date of Program: Fall 2016

Approved \_\_\_\_\_

# B.S. Allied Health Suggested 4-Year Schedule

1/2017

## Freshman Year

Fall Semester	Cr
CHM 100 – Gen Chem I	4
BIO 104 – Principles of Biology	4
Gen Ed Course	3
Gen Ed Course	3
Total	14

Spring Semester	Cr
CHM 102 – Gen Chem II	4
BIO 106 – Intro to Zoology	4
Gen Ed Course	3
Gen Ed Course	3
Required Math <sup>1,2</sup>	3
Total	17

## Sophomore Year

Fall Semester	Cr
CHM 204 Fund Org Chem or CHM 214	4
BIO 108 – Intro to Botany	4
BIO 224 – App. Env. Micro.	3
Gen Ed Course	3
Total	14

Spring Semester	Cr
BIO 270CT WI – Research Methods	3
BIO 216QL - Genetics	3
Required Math <sup>1</sup>	3
PSY at the 100, 200, or 300 level <sup>4</sup>	3
Gen Ed Course	3
Total	15

## Junior Year

Fall Semester	Cr
PHY 40 or 100	4
BIO 121 A&P I or BIO Elective <sup>3</sup>	4
BIO Elective <sup>3</sup>	3
BIO Elective <sup>3</sup>	3
Gen Ed Course	3
Total	17

Spring Semester	Cr
PHY 42 or 102	4
BIO 122 – A&P II	4
BIO Elective <sup>3</sup>	3
Gen Ed Course	3
Gen Ed Course	3
Total	17

## Senior Year

Fall Semester	Cr
Gen Ed	3
BIO Elective <sup>3</sup>	3
BIO Elective <sup>3</sup>	3
Gen Ed Course	3
Total	12

Spring Semester	Cr
BIO 380 - Senior Seminar	2
BIO Elective <sup>3</sup>	3
Gen Ed	3
Gen Ed	3
Gen Ed	3
Total	14

<sup>1</sup> See required courses on track sheet. Note: **MAT 105** is a prerequisite for **MAT 106, MAT 140, and MAT 150**.

<sup>2</sup> Prerequisites of MAT 017 or higher and PSY 11 Intro to Psychology are required for PSY 200 (Statistics for the Social and Behavioral Sciences).

<sup>3</sup> See Biology electives on track sheet.

<sup>4</sup> Psychology 200 cannot be used to fulfill this requirement.

**Note:** No single course can count toward more than one category. At least five BIO courses must be at 300-400 level.