

C O N I E I

C B A B A 2015-2016

1.	1		2		3		4		5	
	ENG 1101/03	3	BIO 1100/LAB	3/1	ENG 1102/04	3	BIO 1101/LAB	3/1	O 1101	1
M H 1125	4			I 2241	3	A EA I CO E	3	A EA I HI CO E	3	
	Q AL 7		Q AL 4		Q AL 6		Q AL 7		Q AL 4	
	F									
O 1101	1	BIO 1100/LAB	3/1	ENG 1102/04	3	A EA II H M/FA CO E	3			
ENG 1101/03	3	A EA I CO E	3	BIO 1101/LAB	3/1	I 2241	3			
M H 1125	4									
	Q AL 15				Q AL 13					
2.	1		2		3		4		5	
	CHM 1142/LAB	3/1	A EA II FINE A CO E	3	BIO 2220/LAB	3/1	CHM 1143/LAB	3/1	MINO CO E	3
A EA II LI CO E	3	A EA I CO E	3	M H 2210	3			MINO CO E	3	
	Q AL 7		Q AL 6		Q AL 7		Q AL 4		Q AL 6	
	F									
A EA II LI CO E	3	A EA II FINE A CO E	3	M H 2210	3	BIO 2220/LAB	3/1			
CHM 1142/LAB	3/1	A EA I CO E	3	MINO CO E	3	CHM 1143/LAB	3/1			



**College of Arts and Sciences Recommended Academic Plan
Biology Program-General Biology Program- Program Year 2015-2016**

Complete all 6 sub-requirements (62 hours)

A. AREA I:

Take the following courses:

Minimum Grade of "C" required

ENG-1101 Comp and Modern English I	3 hours
ENG-1102 Comp and Modern English II	3 hours

B. AREA II:

Take any 1000-2000 level course in literature	3 hours
Take any 1000-2000 level course with an expanded historical And Cultural Scope In fine arts, including the disciplines of Art, music, theatre, film, or other fine arts area.	3 hours
Take any two 1000-2000 level courses with an expanded Historical And Cultural scope in the humanities/fine arts Disciplines, including english, foreign languages, religion, Philosophy, classics, theatre, music, dance, communication, Sign language, interdisciplinary studies,or other humanities/Fine arts areas.	6 hours

C. AREA III:

Take the following courses:

BIO 1100/L100 Principles Of Biology W/Lab	4 hours
CHM 1142/L142 General Chemistry I W/Lab	4 hours
Take MTH 1125 Calculus I ("C" or better)	3 hours

D. AREA IV:

Take The Following Courses:

Take any 1000-2000 level course with a primary focus in history	3 hours
Take Any Three 1000 2000 Level Course From The Following Social science Disciplines: Anthropology, Business, Criminal Justice, Economics, Geography, History, Human Services, Leadership Interdisciplinary Studies, Nursing, Political Science, Psychology, Religion, Social Work, Sociology, Or Other Social Science Areas.	9 Hours

E. AREA V:

Take the following courses:

BIO 1101/L101 Organismal Biology W/Lab	4 hours
CHM 1143/L143 General Chemistry II W/Lab	4 hours
IS 2241 Computer Concepts & Applications	3 hours
TROY 1101 University Orientation	1 hour

AREA V Continued:

Take One Physics Sequence: PHY 2252/Lab General Physics I AND PHY 2253/Lab General Physics II Or PHY 2262/Lab General Physics I With Calculus AND PHY 2263/LAB General Physics II With Calculus	8 Hours
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Every reasonable attempt to ensure accuracy has been made. Some courses (such as developmental or pre-requisite courses) are not reflected in this degree map. Completion of degree requirements is based on the specific catalog year for each student.
A minimum of 120 hours is required for all baccalaureate degree programs.
At least 50% of required coursework must be earned at a senior institution.
At least 25% of the credit hours required for the degree must be completed in residency with Troy University.
At least 12 semester hours of residency must be completed in each major field(s) of study.
A minimum GPA of 2.0 overall and in the major is required to graduate.
NOTE: Please consult the College of Art & Sciences or current catalog for other requirements not covered in this document.
NOTES: A sequence in literature or history is required. When selecting coursework in AREAS II or IV, please consider this requirement.

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BIOLOGY MAJOR/GENERAL CONCENTRATION

(24 hours)

Minimum 2.0 overall GPA Required

Take the following courses:

BIO 2220/L220 Prin Cell Biology W/Lab	4 hours
BIO 2229/L229 General Ecology W/Lab	4 hours
BIO 3320/L320 Genetics w/Lab	4 hours
BIO 4484 Senior Seminar In Biological & Environmental Science	1 hour
CHM 3342/L342 Organic Chemistry I W/Lab	4 hours
CHM-3343/L343 Organic Chemistry Ii W/Lab	4 hours
MTH-2210 Applied Statistics	3 hours

BOTANY

(4 hours)

Take One Of The Following Botany Courses With Its Corresponding LaB:

BIO 3325/L325 Plant Form And Function W/Lab	4 hours
BIO 4425 Field botany	4 hours

ZOOLOGY:

(4 hours)

Take One Of The Following Zoology Courses With Its Corresponding Lab:

BIO 3307/L307 Invertebrate Zoology W/Lab	4 hours
BIO 3308/L308 Vertebrate Zoology W/Lab	4 hours
BIO 4405/L405 Entomology W/Lab	4 hours
BIO 4420 Field Vertebrate Zoology	4 hours
BIO 4445/L445 Ichthyology W/Lab	4 hours
BIO 4446/L446 Herpetology W/Lab	4 hours
BIO 4447/L447 Ornithology W/Lab	4 hours
BIO 4448/L448 Mammalogy W/Lab	4 hours
BIO 4471/L471 Parasitology W/Lab	4 hours

ECOLOGY/ENVIRONMENTAL:

(4 hours)

TAKE ONE OF THE FOLLOWING ECOLOGY/ENVIRONMENTAL COURSES WITH ITS CORRESPONDING LAB:

BIO 4413/L413 Limnology W/Lab	4 hours
BIO 4416/L416 Microbial Ecology W/Lab	4 hours
BIO 4421/L421 Population Ecology W/Lab	4 hours
BIO 4479/L479 Environmental Assessment W/Lab	4 hours

PHYSIOLOGY/CELL/MOLECULAR

(4 hours)

Take One Of The Following Physiology/Cell/Molecular Biology Courses With Its Corresponding Lab:

BIO 33675s	4 hours
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