

HARFORD COMMUNITY COLLEGE- Biology A.S. Degree

TOWSON UNIVERSITY- Biological Sciences B.S. Degree - Organismal Biology & Ecology Concentration

HARFORD COMMUNITY COLLEGE			TOWSON UNIVERSITY			
COURSE #	COURSE TITLE	CRS.	TU EQUIVALENCY	CORE	COMMENTS	COURSE ID#
				1.	Towson Seminar	
ENG 101	College Composition	3	ENGL 102	2.	English Composition	2348
MATH 109 Or MATH 203	Precalculus Mathematics Or Calculus I	4	MATH 119 MATH 273	3.	Mathematics	4381 4407
CIS 102	Intro. Information Sciences	3	CIS 115***	4.	Creativity & Creative Development	1184***
GH	Arts & Humanities	3	Depends on choice.	5.	Arts & Humanities	
GB	Behavioral/Social Science	3	Depends on choice.	6.	Social & Behavioral Sciences	
CHEM 111	General Chemistry I	4	CHEM 110 OR CHEM 131 AND CHEM 131L	7.	Biological & Physical Science w/Lab	1041 13097 13098
CHEM 112	General Chemistry II A	4	CHEM 111 OR CHEM 132 AND CHEM 132L	8.	Biological & Physical Science	1042 13099 13100
				9.	Advanced Writing Seminar	
				10.	Metropolitan Perspectives	
GB	Behavioral/Social Science	3	Depends on choice.	11.	The United States as a Nation	
				12.	Global Perspectives	
GH	Arts & Humanities	3	Depends on choice.	13.	Diversity & Difference	
				14.	Ethical Issues & Perspectives	
Total CORE in Transfer		30				
MATH 203* Or BIO 202	Calculus I Or Biodiversity (BIO elective at HCC)	3-4	MATH 273 Or BIOL 208			4407 11369
BIO 208	Genetics (BIO elective at HCC)	4	BIOL 309	Transfers as lower level credit.		11379
BIO 120	General Biology I	4	BIOL 201			666
BIO 121	General Biology II	4	BIOL 202			667
PHYS 101	Introductory Physics I	4	PHYS 211			6800
PHYS 102	Introductory Physics II	4	PHYS 212			6801
CHEM 207	Organic Chemistry I	4	CHEM 331	Transfers as lower level credit.		10134
CHEM 208	Organic Chemistry II	4	CHEM 332	Transfers as lower level credit.		10135
	Physical Education Elective	1	PHEA TLL			10564
	Physical Education/Fitness Elective	1	PHEA TLL			10564
Program Requirements at Harford		33-34				
Total Program Requirements at Harford		63-64				
Total Credits in Transfer		63-64				

- 64 credit transfer maximum.
- 15 Core Curriculum units must be completed at Towson University: 1, 9, 10, 12 and 14.

*Students must complete MATH 203 Calculus I at Harford Community College.

***Requires Course Directive for Core placement.

HARFORD COMMUNITY COLLEGE- Biology A.S. Degree
TOWSON UNIVERSITY- Biological Sciences B.S. Degree - Organismal Biology & Ecology Concentration

Major Requirements to be completed at Towson for the Organismal Biology & Ecology Concentration

BIOL 204	Educational and Career Planning	(1)	
<u>Breadth Courses</u>		<u>(8-20)</u>	
• BIOL 208	Biodiversity <i>OR</i>		
BIOL 205	General Botany <i>AND</i>	(0, 3 or 8)	<i>(If BIO 202 Biodiversity is completed at HCC, this requirement is satisfied.)</i>
BIOL 207	General Zoology		
•	Choose one of the following:	(4)	
BIOL 405	Molecular Ecology		
BIOL 408	Cell Biology		
BIOL 409	Molecular Biology		
•	Choose one of the following:		
BIOL 213 & BIOL 214	Human Anatomy & Physiology I & II <i>OR</i>		
BIOL 325	Animal Physiology <i>OR</i>	(4-8)	
BIOL 436	Plant Physiology		
<u>Elective Courses</u>		<u>(10-16)</u>	
•	Ecology Elective	(4)	
	Choose one from: BIOL 310, 402, 406, 435		
•	Diversity Elective	(3-4)	
	Choose one from: BIOL 331, 334, 347, 351 353, 371, 413, 432, 439, 446, 447, 452, 455, 456, 458, 461, 467		
•	Organismal Elective	(3-8)	
	Choose one from the Diversity or Ecology Elective Group <i>(Choose two if BIOL 208 is completed.)</i>		
<u>Ancillary Courses</u>		<u>(4)</u>	
•	Choose one of the following:	(4)	
MATH 237	Elementary Biostatistics <i>OR</i>		
PSYC 212	Behavioral Statistics		
<u>Total Credits to B.S. Degree</u>		<u>(120)</u>	
	Harford Biology A.S. Degree	63-64	
	Completion of GenEd at TU	15	
	Completion of Major Requirements at TU	23-41	
	Elective Credits at TU	0-19	