Teaching By Courses in Sub-disciplines

AREA	Classes	Faculty	Sections	Frequency
Intro Ecology & Evolution	135	Hale, Reynolds, Forrest, Kennedy, Ward	3	Fall
Intro Cell & Molecular	136	Seaton, Meigs, Ward	3 + 7 lab	Spring
Intro Experimental Design	134	All	3 / 3 (?)	Fall & Spring
Zoology	210	Forrest, Hale, Reynolds	2 + 5 lab	Spring
Botany	211	Clarke, Horton, Ward	3 + 5 lab	Fall
Evolution	331 332 333 334 335 351 360 365	Forrest Forrest Reynolds, Hale, Nicolay Clarke Clarke Clarke Forrest, Hale Clarke, Reynolds, Hale, Nicolay, Horton, Forrest	1 + 1 lab 1 + 1 lab 1 + 1 lab 1 + 1 lab 1 + 1 lab 1 + 1 lab 1 + 1 lab 1	Fall (even) Fall (odd) Spring (odd) Spring (even) Spring (odd) Fall Spring Spring (even)
Genetics	339 423 443 444	Seaton Instructor Seaton, Ward Adjunct	1 + 2 labs 1 1 + 3 labs 1 + 1 lab	Spring Fall (odd) Fall Spring
Integrative Biology	320 322 333 334 335 338 356 357	Ward, Forrest Clarke Reynolds, Hale, Nicolay Clarke Clarke Nicolay Horton, Nicolay Horton	1 1 1 + 1 lab 1 + 1 lab 1 + 1 lab 1 + 2 labs 1 1 + 1 lab	Summer (odd) Fall (odd) Spring (odd) Spring (odd) Spring (even) Spring Summer (even) Fall
Research Techniques	331 332 339 344 345 350 351 357 442 444	Forrest Forrest Seaton Meigs Horton Reynolds Clarke Horton Horton ---	1 + 1 lab 1 + 1 lab 1 + 2 labs 1 + 3 labs 1 + 1 lab 1 + 1 lab 1 + 1 lab 1 + 1 lab 1 + 1 lab 1 + 1 lab	Fall (even) Fall (odd) Spring Fall Fall (odd) Fall (odd) Fall Fall Spring Spring
CT / Quantitative	338 344 345 350 360 365 423 442 443	Nicolay Meigs Horton Reynolds Forrest, Hale Clarke, Reynolds, Hale, Nicolay, Horton, Forrest --- Horton Seaton, Ward	1 + 2 labs 1 + 3 labs 1 + 1 lab 1 + 1 lab 1 + 1 lab 1 1 1 + 1 lab 1 + 3 labs	Spring Fall Fall (odd) Fall (odd) Spring Spring (even) Fall (odd) Spring Fall
Senior Seminar	480	All	1 / 2	Fall & Spring

Faculty Teaching Load

Faculty	Fall		Spring		Release hours	notes
	Contact hours	Preps	Contact hours	Preps		
Forrest	6	2	6	2	6 / 6	Department chair
Meigs	12	2	0	0	12	Glaxo endowed chair
Clarke	12	3 / 4	12	3 / 4	0	
Nicolay	12	3	12	3	0	
Horton	12	3 / 4	12	3 / 4	0	
Ward	12	3 / 4	12	3 / 4	0	
Hale	12	3 / 4	12	3 / 4	0	
Seaton	12	2 / 3	12	3 / 4	0	
Reynolds	12	3 / 4	12	3 / 4	0	
Kennedy	12	2	12	2 / 3	0	
Instructor*	12	2 / 3	12	2 / 3	0	
Greene	0-6	0 / 2	0-6	0 / 2	0	Laboratory Manager
Adjuncts**	24		24			

* Currently our instructor is Dr. Angeldeep Kaur but she will moving to a different department in Summer 2016.

** Over the past 4 semesters we have used adjunct instructors to cover an average of eight, 3hr courses: Fall 2014 (8), Spring 2015 (12), Fall 2015 (8) and Spring 2016 (7).

Fall: Projected Schedule (2016)

Code	Course Number	Section	Course Title	Cr Hr	Max Enroll	Instructor
BIOL	107	001	Principles of Biological Evolution	3	30	Reynolds
BIOL	125	001	Current Topics in Biology	3	30	Kennedy
BIOL	125	002	Current Topics in Biology	3	30	Kennedy
BIOL	126	001	Current Topics in Biology Lab	1	18	Kennedy
BIOL	126	002	Current Topics in Biology Lab	1	18	Kennedy
BIOL	126	002	Current Topics in Biology Lab	1	18	Greene
BIOL	134	001	Exp Design, Analysis, & Presentation	3	18	Hale
BIOL	134	002	Exp Design, Analysis, & Presentation	3	18	Hale
BIOL	134	003	Exp Design, Analysis, & Presentation	3	18	Ward
BIOL	134	004	Exp Design, Analysis, & Presentation	3	18	Ward
BIOL	134	005	Exp Design, Analysis, & Presentation	3	18	Reynolds
BIOL	135	001	Ecology and Evolution	3	32	Hale
BIOL	135	002	Ecology and Evolution	3	32	Reynolds
BIOL	135	003	Ecology and Evolution	3	32	Reynolds
BIOL	211	001	Principles of Botany	4	30	Clarke
BIOL	211	002	Principles of Botany	4	30	Ward
BIOL	211	003	Principles of Botany	4	30	Horton
BIOL	211	0L1	Principles of Botany Lab	0	18	Horton
BIOL	211	0L2	Principles of Botany Lab	0	18	Clarke
BIOL	211	0L3	Principles of Botany Lab	0	18	Ward
BIOL	211	0L4	Principles of Botany Lab	0	18	Adjunct
BIOL	211	0L5	Principles of Botany Lab	0	18	Adjunct
BIOL	223	001	Human Anatomy	4	36	Nicolay
BIOL	223	0L1	Human Anatomy Lab	0	18	Nicolay
BIOL	223	0L2	Human Anatomy Lab	0	18	Nicolay
BIOL	298	001	Intro to Research Methods	3	1-10	TBD
BIOL	344	001	Cell Biology	4	54	Meigs
BIOL	344	0L1	Cell Biology Lab	0	18	Meigs
BIOL	344	0L2	Cell Biology Lab	0	18	Meigs
BIOL	344	0L3	Cell Biology Lab	0	18	Meigs
BIOL	351	001	Field Botany	4	14	Clarke
BIOL	351	0L1	Field Botany Lab	0	14	Clarke
BIOL	357	001	Mycology	4	14	Horton
BIOL	357	0L1	Mycology Lab	0	14	Horton
BIOL	398	001	Research Methods in Biology	3	1-10	TBD
BIOL	443	001	DI:Genetics	4	45	Seaton
BIOL	443	0L1	Genetics Lab	0	15	Seaton
BIOL	443	0L2	Genetics Lab	0	15	Seaton
BIOL	443	0L3	Genetics Lab	0	15	Seaton
BIOL	480	001	Senior Seminar	3	14	Hale

Offered in Even Years						
BIOL	331	001	Entomology	4	14	Forrest
BIOL	331	0L1	Entomology Lab	0	14	Forrest
Offered in Odd Years						
BIOL	322	001	Tropical Ecosystems	3	24	Clarke
BIOL	332	001	Invertebrate Zoology	4	14	Forrest
BIOL	332	0L1	Invertebrate Zoology Lab	0	14	Forrest
BIOL	345	001	Plant Physiology	4	14	Horton
BIOL	345	0L1	Plant Physiology	0	14	Horton
BIOL	350	001	Vertebrate Field Zoology	4	14	Reynolds
BIOL	350	0L1	Vertebrate Field Zoology Lab	0	14	Reynolds
BIOL	423	001	Molecular Biology	3	24	Instructor

Spring: Projected Schedule (2017)

Code	Couse Number	section	Title	Credit hours	Max Enroll	Instructor
BIOL	110	001	Plants and Humans	3	20	Clarke
BIOL	125	001	Current Topics in Biology	3	35	Kennedy
BIOL	125	002	Current Topics in Biology	3	35	Kennedy
BIOL	126	001	Current Topics in Biology Lab	1	17	Kennedy
BIOL	126	002	Current Topics in Biology Lab	1	17	Kennedy
BIOL	126	003	Current Topics in Biology Lab	1	17	Adjunct
BIOL	134	001	Exp Design, Analysis, & Presentation	3		Clarke
BIOL	134	002	Exp Design, Analysis, & Presentation	3		Nicolay
BIOL	136	001	Cellular and Molecular Biology	4	40	Seaton
BIOL	136	002	Cellular and Molecular Biology	4	34	Ward
BIOL	136	003	Cellular and Molecular Biology	4	34	Ward
BIOL	136	0L1	Cellular and Molecular Biology Lab	0	18	Ward
BIOL	136	0L2	Cellular and Molecular Biology Lab	0	18	Ward
BIOL	136	0L3	Cellular and Molecular Biology Lab	0	18	Instructor
BIOL	136	0L4	Cellular and Molecular Biology Lab	0	18	Instructor
BIOL	136	0L5	Cellular and Molecular Biology Lab	0	18	Instructor
BIOL	136	0L6	Cellular and Molecular Biology Lab	0	18	Instructor
BIOL	210	001	Principles of Zoology	4	45	Forrest
BIOL	210	002	Principles of Zoology	4	45	Reynolds
BIOL	210	0L1	Principles of Zoology Lab	0	18	Hale
BIOL	210	0L2	Principles of Zoology Lab	0	18	Hale
BIOL	210	0L3	Principles of Zoology Lab	0	18	Reynolds
BIOL	210	0L4	Principles of Zoology Lab	0	18	Adjunct
BIOL	210	0L5	Principles of Zoology Lab	0	18	Adjunct
BIOL	298	001	Intro to Research Methods	3	1-10	TBD
BIOL	338	001	Mammalian Physiology	4	34	Nicolay
BIOL	338	0L1	Mammalian Physiology Lab	0	17	Nicolay
BIOL	338	0L2	Mammalian Physiology Lab	0	17	Nicolay
BIOL	339	001	Microbiology	4	36	Seaton
BIOL	339	0L1	Microbiology Lab	0	18	Seaton
BIOL	339	0L2	Microbiology Lab	0	18	Seaton
BIOL	360	001	Animal Behavior	4	17	Hale
BIOL	360	0L1	Animal Behavior Lab	0	17	Hale
BIOL	398	001	Research Methods in Biology	3	1-10	TBD
BIOL	442	001	Forest Ecology	4	13	Horton
BIOL	442	0L1	Forest Ecology Lab	0	13	Horton
BIOL	444	001	Biological Biochemistry	4	16	Greene
BIOL	444	0L1	Biological Biochemistry Lab	0	16	Greene
BIOL	480	001	Senior Seminar	3	13	Forrest
Offered in Even Years						
BIOL	108	001	Human Biology	4	30	Nicolay
BIOL	334	001	Plant Morphology	4	13	Clarke
BIOL	334	0L1	Plant Morphology Lab	0	13	Clarke
BIOL	365	0L1	Evolutionary Biology	4	30	several

Offered in Odd Years						
BIOL	333	001	Vertebrate Zoology	4	13	Reynolds
BIOL	333	0L1	Vertebrate Zoology Lab	0	13	Reynolds
BIOL	335	001	Flowering Plant Systematics	4	13	Clarke
BIOL	335	0L1	Flowering Plant Systematics Lab	0	13	Clarke
BIOL	345	001	Plant Physiology	4	18	Horton
BIOL	345	0L1	Plant Physiology Lab	0	18	Horton

BIOLOGY'S NEW CURRICULUM 4-YEAR PLAN:

Fall (Freshman)	CH		Spring (Freshman)	CH
BIOL 135 (Sci Per)	3		BIOL 136	4
BIOL 134	3		CHEM 231	3
CHEM 132	3		HUM 124	4
CHEM 111 (Lab Sci)	1		LANG 120	4
LA 178 (WI)	3			
SOC SCI (PSYC 100)	3			
TOTAL	**16**		**TOTAL**	**15**
Fall (Sophomore)	**CH**		**Spring (Sophomore)**	**CH**
BIOL 211	4		BIOL 210	4
HUM 214	4		ELECTIVE	4
FOR LANG I	3		FOR LANG II	3
CHEM 232/3	3		PHYS 131	4
CHEM 145	1			
TOTAL	**15**		**TOTAL**	**15**
Fall (Junior)	**CH**		**Spring (Junior)**	**CH**
BIOL ELECTIVE I	4		BIOL ELECTIVE III	4
BIOL ELECTIVE II	4		BIOL ELECTIVE IV	4
HUM 324	4		MATH 191	4
ARTS 310	4		ELECTIVE	3
TOTAL	**16**		**TOTAL**	**15**
Fall (Senior)	**CH**		**Spring (Senior)**	**CH**
HUM 414	4		BIOL 480/498	3
ELECTIVE (DI)	4		ELECTIVE	4
BIOL ELECTIVE V	4		ELECTIVE	3
TOTAL	**12**		**TOTAL**	**10**

* Changes in pre/corequisites for BIOL 135 and BIOL 136 allow CHEM 111 to be taken during either freshman semester.

TRANSFERS WITH 44 hr CORE BUT NO BIOLOGY/CHEM

Fall (UNCA year 1)	CH		Spring (UNCA year 1)	CH
BIOL 135	3		BIOL 136	4
BIOL 134	3		CHEM 231	3
CHEM 132	3		FOR LANG II	3
CHEM 111 (Lab Sci)	1		HUM 324	4
FOR LANG I	3			
MATH 191	4			
TOTAL	**17**		**TOTAL**	**14**
Fall (UNCA year 2)	**CH**		**Spring (UNCA year 2)***	**CH**
BIOL 211	4		BIOL 210	4
BIOL ELECTIVE I	4		BIOL ELECTIVE II	4
CHEM 232/3	3		PHYS 131	4
CHEM 145	1			
ARTS 310	4			
TOTAL	**16**		**TOTAL**	**12**
Fall (UNCA year 3)	**CH**		**Spring (UNCA year 3)**	**CH**
BIOL ELECTIVE III	4		BIOL ELECTIVE V	4
BIOL ELECTIVE IV	4		BIOL 480/498	3
HUM 414	4			
TOTAL	**12**		**TOTAL**	**7**

* If students take CHEM 232/233 in Summer 1 and PHYS 131/ARTS 310 in Summer 2, they could graduate in 5 semester. Hours to graduate: 78.

TRANSFERS WITH 44 hr CORE AND 1YR CHEM AND BIOLOGY

Fall (UNCA year 1)	**CH**		**Spring (UNCA year 1)**	**CH**
BIOL 134	3		BIOL 210	4
CHEM 231	3		MATH 191	4
CHEM 145	1		FOR LANG II	3
FOR LANG I	3		ARTS 310	4
PHYS 131	4			
TOTAL	**14**		**TOTAL**	**15**
Fall (UNCA year 2)	**CH**		**Spring (UNCA year 2)**	**CH**
BIOL 211	4		BIOL ELECTIVE III	4
HUM 324	4		BIOL ELECTIVE IV	4
BIOL ELECTIVE I	4		HUM 414	4
BIOL ELECTIVE II	4			
TOTAL	**16**		**TOTAL**	**12**
Fall (UNCA year 3)	**CH**			
BIOL ELECTIVE V	4			
BIOL 480/498	3			
TOTAL	**7**			

* Students could graduate in 4 semesters if they completed upper level biology courses over the summer. Hours to graduate: 64.