Biology and English, BS

In the combined biology and English degree, science courses lay the groundwork for strong basic training in mathematics, chemistry, and physics that are relevant to biology. In biology courses, students broadly explore the organization and processes of life—from molecules and cells through organs and organ systems to populations, ecosystems, and evolution. In English courses, students study the diverse historical, cultural, and aesthetic contexts of English, American, and other Anglophone literatures; analyze writing practices and related media; and practice a variety of approaches to the study of language, rhetoric, writing, and literature. The fields of biology and English are bridged with course work in different forms of science writing, as well as psychology and sociology courses exploring the acquisition of language and reading; the sociology of health and illness; and the environment, technology, and society.

Program Requirements

Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified and complete any additional courses needed beyond specific college and major requirements to satisfy graduation credit requirements.

Universitywide Requirements

All undergraduate students are required to complete the Universitywide Requirements (http://catalog.northeastern.edu/undergraduate/university-academics/university-wide-requirements/).

NUpath Requirements

BIOL 2327

BIOL 3401

BIOL 3403

All undergraduate students are required to complete the NUpath Requirements (http://catalog.northeastern.edu/undergraduate/university-academics/nupath/).

Biology Requirements		
Code	Title	Hours
Introduction to College		
BIOL 1000	Biology at Northeastern	1
or ENGL 1000	English at Northeastern	
or INSC 1000	Science at Northeastern	
Experiential Learning Introduction		
EESC 2000	Professional Development for Co-op	1
Required Biology		
Foundations		
BIOL 1107	Foundations of Biology	5
and BIOL 1108	and Lab for BIOL 1107	
Inquiries		
BIOL 2299	Inquiries in Biological Sciences	4
Genetics		
BIOL 2301	Genetics and Molecular Biology	5
and BIOL 2302	and Lab for BIOL 2301	
Project Lab		
BIOL 2309	Biology Project Lab	4
Biochemistry		
BIOL 3611	Biochemistry	5
and BIOL 3612	and Lab for BIOL 3611	
Biology Elective		
Code	Title	Hours
Intermediate/Advanced Biology		
Complete one of the following:		4-5
BIOL 2327 to BIOL 3999		
BIOL 4705 to BIOL 5999		
Organismal and Evolutionary Biology		
Complete one of the following:		4-5

Human Parasitology

Animal Behavior

Comparative Vertebrate Anatomy

2 Biology and English, BS

BIOL 3413	Current Topics in Organismal and Population Biology
EEMB 2302 and EEMB 2303	Ecology and Lab for EEMB 2302
EEMB 2400	Introduction to Evolution
EEMB 2700 and EEMB 2701	Marine Biology and Lab for EEMB 2700
EEMB 3460	Conservation Biology
EEMB 3466	Disease Ecology

Supporting Courses for Biology

Code	Title	Hours
Mathematics		
MATH 1251	Calculus and Differential Equations for Biology 1	4
Statistics		
ENVR 2500 and ENVR 2501	Biostatistics and Lab for ENVR 2500	5
Chemistry		
General Chemistry		
CHEM 1161 and CHEM 1162 and CHEM 1163	General Chemistry for Science Majors and Lab for CHEM 1161 and Recitation for CHEM 1161	5
Organic Chemistry		
CHEM 2311 and CHEM 2312	Organic Chemistry 1 and Lab for CHEM 2311	5
CHEM 2313 and CHEM 2314	Organic Chemistry 2 and Lab for CHEM 2313	5
Physics		
Physics 1		
Complete one of the following lecture/lab p	airs. PHYS 1145/PHYS 1146 is recommended:	5
PHYS 1145 and PHYS 1146	Physics for Life Sciences 1 and Lab for PHYS 1145	
PHYS 1151 and PHYS 1152	Physics for Engineering 1 and Lab for PHYS 1151	
and PHYS 1153	and Interactive Learning Seminar for PHYS 1151	
PHYS 1161 and PHYS 1162	Physics 1 and Lab for PHYS 1161	
Physics 2	and Eds 16.11110 1101	
·	airs. PHYS 1147/PHYS 1148 is recommended:	5
PHYS 1147	Physics for Life Sciences 2	
and PHYS 1148	and Lab for PHYS 1147	
PHYS 1155	Physics for Engineering 2	
and PHYS 1156	and Lab for PHYS 1155	
and PHYS 1157	and Interactive Learning Seminar for PHYS 1155	
PHYS 1165 and PHYS 1166	Physics 2 and Lab for PHYS 1165	

English Requirements

Code	Title	Hours
Foundational Courses		
ENGL 1000	English at Northeastern	1
ENGL 1400	Introduction to Literary Studies	4
ENGL 1160	Introduction to Rhetoric	4
or ENGL 1410	Introduction to Research on Writing	
ENGL 1700	Global Literatures 1	4
or ENGL 1701	Global Literatures 2	

English Electives

Two of the courses chosen from the lists below must be at the 3000 or 4000 level.

Complete one course from the following. You may reuse this course to fulfill an additional English requirement below. ENGL 2150 Literature and Digital Diversity ENGL 2296 Early African-American Literature ENGL 2450 Postcolonial Literature ENGL 2455 American Women Writers ENGL 2470 Asian-American Literature ENGL 2470 Asian-American Literature ENGL 2760 Writing in Global Contexts ENGL 3663 The African American Novel ENGL 3663 The African American Novel ENGL 3678 Bedrooms and Battifiefelds: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity Etherary Periods Pre-19th Century Literature Complete one course from the following: ENGL 1600 Introduction to Shakespeare ENGL 2296 Early African-American Literature ENGL 3101 Early Literature ENGL 3618 Milton ENGL 3618 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity Or JWS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 19th/20th/21st Century Literature Complete one of the following courses: 4 19th Century Literature ENGL 330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3150 19th-Century Literature ENGL 330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3150 19th-Century Literatures ENGL 330 The American Renaissance ENGL 3150 19th-Century Literatures ENGL 3150 19th-Century Literatures ENGL 3310 19th-Century Literatures ENGL 3301 The Graphic Novel ENGL 3301 The Graphic Novel ENGL 3301 The Modern Bestseller ENGL 3301 19th-Century Literatures ENGL 3302 19th-Century Literatures ENGL 3303 20th-and 21st-Century Literature ENGL 3303 20th-and 21st-Century Literature	Code	Title	Hours
ENGL 2150 Literature and Digital Diversity ENGL 2296 Early African-American Literature ENGL 2450 Postcolonial Literature ENGL 2450 American Women Writers ENGL 2470 Asian-American Women Writers ENGL 2470 Writing in Global Contexts ENGL 3663 The African American Novel ENGL 3663 Decrows and Battlefelds: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity ENGL 3665 Modern and Contemporary Jewish Literature **Complete one course from the following: ENGL 1600 Introduction to Shakespeare ENGL 2205 Early African-American Literature ENGL 3206 Early African-American Literature ENGL 3206 Early African-American Literature ENGL 3207 Early Literatures ENGL 3208 Early African-American Literature ENGL 3209 Early African-American Literature ENGL 3209 Early African-American Literature ENGL 3200 Early Literatures ENGL 3200 Early Literatures ENGL 3200 Early Literature ENGL 3200 Early Literature ENGL 3200 Early Literature ENGL 3200 Early Early Literature ENGL 3200 Ea	Diversity		
ENGL 2956 Early African American Literature ENGL 2450 Postcolonial Literature ENGL 2455 American Women Writers ENGL 2470 Asian-American Novel ENGL 3663 The African American Novel ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity ENGL 3665 Modern and Contemporary Jewish Literature ENGL 3665 Modern and Contemporary Jewish Literature Literary Periods Pre-19th Century Literature Complete one course from the following ENGL 3060 Introduction to Shakespeare ENGL 3101 Early Literatures ENGL 3101 Early Literature ENGL 3101 Early Literature ENGL 3101 Early Literature Complete one of the following courses: ENGL 3104 19th Century Literatures ENGL 3104 19th Century Literatures ENGL 3104 19th Century Literatures ENGL 3105 Emerson and Thoreau ENGL 3200 Internative Modern Earls English ENGL 3101 Emerson and Contemporary Lewish Literature ENGL 3201 The Graphin Rovel ENGL 3201 Endlish Literature All English Literature ENGL 3201 Endlish	-		4
ENGL 2455 American Women Wirers ENGL 2470 Aaina-American Literature ENGL 2770 Writing in Global Contexts ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Eliminity ENGL 3685 Modern and Contemporary Jewish Literature Literary Periods Period Service of Contemporary Jewish Literature Literary Periods Final Contemporary Jewish Literature Complete one course from the following: ENGL 3101 Early Literature ENGL 3101 Early Literature ENGL 3110 Early Literatures ENGL 3120 177th and 18th-Century Literatures ENGL 3120 177th and 18th-Century Literatures ENGL 3130 Million ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity or JWSS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 19th/20th/21st Century Literatures ENGL 3120 177th and 18th-Century Literatures ENGL 3130 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 19th/20th/21st Century Literature ENGL 3301 The American Renaissance ENGL 3301 The American Renaissance ENGL 3101 Emerson and Thoreau ENGL 3700 The Emerson and Thoreau ENGL 3700 The Gratury Literatures ENGL 3101 The Gratury Literatures ENGL 3700 The Gratury Literatures ENGL 3101 The Gratury Literature (Abroad) ENGL 3101 The Gratury Lit			
ENGL 2455 American Women Writers ENGL 2470 Asian-American Literature ENGL 2470 Writing in Global Contexts ENGL 3663 The African American Novel ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity ENGL 3685 Modern and Contemporary Jewish Literature Literary Periods PPC-19th Century Literature Complete one course from the following: ENGL 1600 Introduction to Shakespeare ENGL 2306 Early African American Literature ENGL 3101 Early Literature ENGL 3101 Early Literature ENGL 3010 Early Literature ENGL 3101 Early Literature ENGL 3101 Early Literature ENGL 3101 Employ Employ Literature ENGL 3101 Employ Employ Exployed Explo	ENGL 2296	•	
ENGL 2470 Asian-American Literature ENGL 2760 Writing in Global Contexts ENGL 3663 The African American Novel ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity Fire 71th Centrury Literature Complete one course from the following: ENGL 3101 Early Literature ENGL 3101 Thr- and 18th-Century Literatures ENGL 3102 17th- and 18th-Century Literatures ENGL 3103 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity or JWSS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity or JWSS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity and Sex	ENGL 2450	Postcolonial Literature	
ENGL 2760 Writing in Global Contexts ENGL 3657 The African American Novel ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity ENGL 3685 Modern and Contemporary Jewish Literature Literary Periods Pre 19th Century Literature Complete one course from the following: ENGL 1600 Introduction to Shakespeare ENGL 2296 Early African-American Literature ENGL 3101 Early Literatures ENGL 3120 17th- and 18th- Century Literatures ENGL 3130 17th- and 18th- Century Literatures ENGL 3168 Milton ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity or JWSS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 19th/20th/21st Century Literature ENGL 3300 The American Renaissance ENGL 3310 19th- Century Literature ENGL 3301 The American Renaissance ENGL 3101 19th- Century Literature ENGL 3301 The American Renaissance ENGL 3101 19th- Century Literatures ENGL 3101 19th- Century Literatures ENGL 3010 The American Renaissance ENGL 3101 19th- Century Literatures ENGL 3010 19th- Century Literatures ENGL 3010 19th- Century Major Figure 20th/21st Century ENGL 3201 19th- Century Major Figure 20th/21st Century ENGL 3201 19th- Century Major Figure 20th/31st Century ENGL 3201 19th- Century Major Figure 20th- 321 19th Settury Major Figure 20th- 321 19th Settury Major Figure ENGL 3400 19th and 21st- Century Literatures ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3700 19th Century Major Figure 10th- 11th Open 19th Settury Major Figure 10th Settury Major Figure 10th Settury Major Figure 10th Settury Major Figure	ENGL 2455	American Women Writers	
ENGL 3663 The African American Novel ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity ENGL 3685 Modern and Contemporary Jewish Literature Literary Periods Pre-19th Century Literature Complete one course from the following: ENGL 1800 Introduction to Shakespeare ENGL 2296 Early African-American Literature ENGL 3101 Early Literature ENGL 3110 ITIT- and 18th-Century Literatures ENGL 3120 17th- and 18th-Gentury Literatures ENGL 3518 Milton ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity Or JWSS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 19th/20th/21st Century Literature Complete one of the following courses: 4 19th Century Literature ENGL 330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 330 The Century Major Figure 20th/21st Century ENGL 2301 The Graphic Novel ENGL 2501 The Graphic Novel ENGL 2600 Irish Literary Culture (Abroad) ENGL 3619 Emesson and Thoreau ENGL 2600 Irish Literary Literatures ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3680 Modern and	ENGL 2470	Asian-American Literature	
ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity ENGL 3685 Modern and Contemporary Jewish Literature Literary Periods Pre-19th Century Literature Complete one course from the following: ENGL 1600 Introduction to Shakespeare ENGL 2906 Early African-American Literature ENGL 3101 Early Literatures ENGL 3101 Early Literatures ENGL 3120 17th- and 18th-Century Literatures ENGL 3120 17th- and 18th-Century Literatures ENGL 318 Million ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity or JWSS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity end of the following courses: 4 19th Century ENGL 2330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3140 19th-Century Literatures ENGL 3150 Emerson and Thoreau ENGL 3720 19th-Century Major Figure 20th/21st Century ENGL 2400 The Modern Beatseller ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure 20th- and Endlowing: ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3790 Literature and Digital Diversity ENGL 3325 Reperior of Law ENGL 3331 The Practice and Theory of Teaching Writing ENGL 340			
Etholicity ENGL 3685 Modern and Contemporary Jewish Literature Literary Periods Pre-19th Century Literature Complete one course from the following: ENGL 1600 Introduction to Shakespeare ENGL 2996 Early African-American Literature ENGL 3101 Early Literatures ENGL 3110 Early Literatures ENGL 3120 17th- and 18th-Century Literatures ENGL 3618 Milton ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity or JWSS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 19th/20th/21st Century Literature Complete one of the following courses: ENGL 330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 330 Emerson and Thoreau ENGL 370 19th-Century Literature ENGL 3140 19th-Century Literature ENGL 3720 19th-Century Major Figure 20th/21st Century ENGL 2310 The Graphic Novel ENGL 2401 The Kodern Bestseller ENGL 2600 Irish Literary Culture (Abroad) ENGL 3616 20th- and 21st-Century Literature ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3685 Modern and Contemporary Jewish Literature ENGL 370 20th- and 21st-Century Major Figure Theories ENGL 3730 20th- and 21st-Century Major Figure ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3730 1 the following: ENGL 1140 Introduction to Rhetoric ENGL 1140 Introduction to Rhetoric ENGL 3150 Literature and Digital Diversity ENGL 325 Rhetoric of Law ENGL 331 The Practice and Theory of Teaching Writting ENGL 3400 Opening the Archive ENGL 3400 Introduction to Law ENGL 3400 Opening the Archive ENGL 3400 Opening the Archive ENGL 3400 Introduction to Law ENGL 3400 Opening the Archive	ENGL 3663	The African American Novel	
Literary Periods Pre 19th Century Literature Complete one course from the following: ENGL 1296 Early African-American Literature ENGL 296 EARLY African-American Literature ENGL 3101 Early Literatures ENGL 3120 17th- and 18th-Century Literatures ENGL 3618 Miltion ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity Or JWSS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 19th/20th/21st Century Literature Complete one of the following courses: 19th Century ENGL 2330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3619 Emerson and Thoreau ENGL 3619 Emerson and Thoreau ENGL 3610 ENGL 3610 EMGL 3610 EM	ENGL 3678		
Pre-19th Century Literature Complete one course from the following:	ENGL 3685	Modern and Contemporary Jewish Literature	
Complete one course from the following: ENGL 1600 Introduction to Shakespeare ENGL 2296 Early African-American Literature ENGL 3101 Early Literatures ENGL 3120 17th- and 18th-Century Literatures ENGL 3120 Miltion ENGL 3618 Miltion ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity or JWSS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 19th/20th/21st Century Literature Complete one of the following courses: 94 19th-Century ENGL 2330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3140 19th-Century Major Figure 20th/21st Century ENGL 2301 The Graphic Novel ENGL 3720 19th-Century Major Figure 20th/21st Century ENGL 2301 The Graphic Novel ENGL 3010 The Modern Bestseller ENGL 3011 The Modern Bestseller ENGL 3011 The Modern Bestseller ENGL 3669 Irish Literary Culture (Abroad) ENGL 3665 Modern and Contemporary Jewish Literature or JWSS 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21 st-Century Literatures ENGL 3730 Contemporary Jewish Literature ENGL 3730 Early Safet Modern and Contemporary Jewish Literature ENGL 3730 Early Safet Modern and Contemporary Jewish Literature ENGL 3730 Early Safet Modern and Contemporary Jewish Literature ENGL 3730 Early Safet Modern and Contemporary Jewish Literature ENGL 3730 Early Safet Modern and Contemporary Jewish Literature ENGL 3730 Early Safet Modern and Contemporary Jewish Literature ENGL 3730 Early Safet	Literary Periods		
ENGL 1600 Introduction to Shakespeare ENGL 2966 Early African-American Literature ENGL 3101 Early Literatures ENGL 3120 17th- and 18th-Century Literatures ENGL 3618 Milton ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity The American Renaissance ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 19th/20th/21st Century Literature Complete one of the following courses: 4 19th Century ENGL 2330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3619 Emerson and Thoreau ENGL 3720 19th-Century Major Figure 20th/21st Century ENGL 2870 The Graphic Novel ENGL 2400 The Modern Bestseller ENGL 2401 The Modern Bestseller ENGL 2400 Irish Literary Culture (Abroad) ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th-and 21st-Century Major Figure 20th-and 21st-Century Major Figure Theories and Methods Complete one of the following: 4 ENGL 1140 Grammar: The Architecture of English ENGL 1140 Introduction to Rhetoric ENGL 1140 Introduction to Rhetoric ENGL 1140 Introduction to Rhetoric ENGL 1355 Rhetoric of Law ENGL 3365 Rhetoric of Law ENGL 3370 Narative Medicine ENGL 3400 Opening the Archive ENGL 3400 Opening the Archive ENGL 3400 Narative Medicine ENGL 3400 Opening the Archive	Pre-19th Century Literature		
ENGL 2296 Early African-American Literature ENGL 3101 Early Literatures ENGL 3120 17th- and 18th-Century Literatures ENGL 31618 Milton ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity or JWSS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 19th/20th/21st Century Literature Complete one of the following courses: 4 19th Century ENGL 3330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3140 19th-Century Major Figure 20th/21st Century ENGL 3231 19th-Century Major Figure 20th/21st Century ENGL 2301 The Graphic Novel ENGL 3201 The Graphic Novel ENGL 2301 The Modern Bestseller ENGL 2500 Irish Literary Culture (Abroad) ENGL 3161 20th- and 21st-Century Literatures FNGL 3685 Modern and Contemporary Jewish Literature or JWSS 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: 4 ENGL 1140 Grammar. The Architecture of English ENGL 1140 Introduction to Research on Writing ENGL 3150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3331 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3400 Narrative Medicine LING 1150 Introduction to Language and Linguistics	Complete one course from the following:		4
ENGL 3101 Early Literatures ENGL 3120 17th- and 18th-Century Literatures ENGL 3618 Millton ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity or JWSS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 19th/20th/21st Century Literature Complete one of the following courses: 4 19th Century ENGL 3330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3310 Emerson and Thoreau ENGL 3619 Emerson and Thoreau ENGL 3720 19th-Century Major Figure 20th/21st Century ENGL 2301 The Graphic Novel ENGL 2301 The Modern Bestseller ENGL 2301 The Modern Bestseller ENGL 2301 The Modern Bestseller ENGL 3600 Irish Literary Culture (Abroad) ENGL 3650 Irish Literary Culture (Abroad) ENGL 3650 Modern and Contemporary Jewish Literature ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3680 Wodern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: 4 ENGL 1160 Introduction to Rhetoric ENGL 1410 Grammar. The Architecture of English ENGL 150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3331 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 3150 Introduction to Language and Linguistics	ENGL 1600	Introduction to Shakespeare	
ENGL 3120 17th- and 18th-Century Literatures ENGL 3618 Milton ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity or JWSS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 19th/20th/21st Century Literature Complete one of the following courses: 4 19th Century ENGL 2330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3140 19th-Century Literatures ENGL 3619 Emerson and Thoreau ENGL 3720 19th-Century Major Figure 20th/21st Century ENGL 2301 The Graphic Novel ENGL 370 The Graphic Novel ENGL 3610 Literature (Abroad) ENGL 3161 20th- and 21st-Century Literatures ENGL 3665 Modern and Contemporary Jewish Literature ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure 10th- and 21st-Century Major Figure 10th- and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure 10th- and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure 10th- and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure 10th- and Contemporary Jewish Literature ENGL 3730 10th- and 21st-Century Major Figure 10th- and Contemporary Jewish Literature ENGL 3730 10th- and 21st-Century Major Figure 10th- and Contemporary Jewish Literature ENGL 3730 10th- and 21st-Century Major Figure 10th- and Contemporary Jewish Literature ENGL 3730 10th- and 21st-Century Major Figure 10th- and Contemporary Jewish Literature ENGL 3730 10th- and 21st-Century Major Figure 10th- and 21st- Century Majo			
ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity or JWSS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 79th/20th/21st Century Literature Complete one of the following courses: 24 13th Century ENGL 2330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3619 Emerson and Thoreau ENGL 3720 19th-Century Major Figure 20th/21st Century ENGL 2301 The Graphic Novel ENGL 2301 The Modern Bestseller ENGL 3610 Irish Literary Culture (Abroad) ENGL 3610 Literary Culture (Abroad) ENGL 3610 Literary Culture (Abroad) ENGL 3610 And 21st-Century Literatures ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure ENGL 3730 Theories and Methods Complete one of the following: ENGL 1140 Grammar. The Architecture of English ENGL 1140 Introduction to Research on Writing ENGL 3325 Retoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3340 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	ENGL 3101	•	
ENGL 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity or JWSS 3678 Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 19th/20th/21st Century Literature Complete one of the following courses: 4 19th Century ENGL 2330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3619 Emerson and Thoreau ENGL 3720 19th-Century Major Figure 20th/21st Century ENGL 3201 The Graphic Novel ENGL 2301 The Modern Bestseller ENGL 2600 Irish Literary Culture (Abroad) ENGL 3665 Modern and Contemporary Jewish Literature ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: ENGL 1140 Grammar. The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 3150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3400 Narrative Medicine LING 1150 Introduction to Language and Linguistics			
Ethnicity Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity 19th/20th/21st Century Literature Complete one of the following courses: 4 19th Century ENGL 2330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3720 Emerson and Thoreau ENGL 3720 19th-Century Major Figure 20th/21st Century ENGL 2301 The Graphic Novel ENGL 2301 The Graphic Novel ENGL 2301 The Graphic Novel ENGL 2301 The Modern Bestseller ENGL 2600 EINSL 2401 ENGL 2401 ENGL 3615 ENGL 3616 20th- and 21st-Century Literatures ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: 4 ENGL 1140 Grammar. The Architecture of English ENGL 1140 Introduction to Research on Writing ENGL 325 ENGL 3325 Rhetoric of Law ENGL 3330 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3400 Narrative Medicine LING 1150 Introduction to Language and Linguistics	ENGL 3618	Milton	
19th/20th/21st Century Literature Complete one of the following courses: 4 19th Century ENGL 2330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3619 Emerson and Thoreau ENGL 3720 19th-Century Major Figure 20th/21st Century ************************************	ENGL 3678		
Complete one of the following courses: 19th Century ENCL 2330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3619 Emerson and Thoreau ENGL 3720 19th-Century Major Figure 20th/21st Century ENGL 2301 The Graphic Novel ENGL 2440 The Modern Bestseller ENGL 2600 Irish Literary Culture (Abroad) ENGL 3161 20th- and 21st-Century Literatures ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 2 Ontemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: ENGL 1140 Grammar. The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1110 Introduction to Research on Writing ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3400 Narrative Medicine LING 1150 Introduction to Language and Linguistics	or JWSS 3678	Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity	
### Results of the American Renaissance ENGL 3330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3619 Emerson and Thoreau ENGL 3720 19th-Century Major Figure ### 20th/21st Century ENGL 2301 The Graphic Novel ENGL 2440 The Modern Bestseller ENGL 2600 Irish Literary Culture (Abroad) ENGL 3616 20th- and 21st-Century Literatures ENGL 3685 Modern and Contemporary Jewish Literature or JWSS 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure *###################################	19th/20th/21st Century Literature		
ENGL 2330 The American Renaissance ENGL 3140 19th-Century Literatures ENGL 3619 Emerson and Thoreau ENGL 3720 19th-Century Major Figure 20th/21st Century ENGL 2301 The Graphic Novel ENGL 2440 The Modern Bestseller ENGL 2600 Irish Literary Culture (Abroad) ENGL 3161 20th- and 21st-Century Literatures ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: ENGL 1140 Grammar. The Architecture of English ENGL 1160 Introduction to Research on Writing ENGL 3355 Rhetoric of Law ENGL 3325 Rhetoric of Law ENGL 3331 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Introduction to Language and Linguistics	Complete one of the following courses:		4
ENGL 3140 19th-Century Literatures ENGL 3720 19th-Century Major Figure 20th/21st Century ENGL 2301 The Graphic Novel ENGL 2440 The Modern Bestseller ENGL 2600 Irish Literary Culture (Abroad) ENGL 3161 20th- and 21st-Century Literatures ENGL 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: 4 ENGL 1140 Grammar. The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1110 Introduction to Research on Writing ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Introduction to Language and Linguistics	19th Century		
ENGL 3619 Emerson and Thoreau ENGL 3720 19th-Century Major Figure 20th/21st Century ENGL 2301 The Graphic Novel ENGL 2440 The Modern Bestseller ENGL 2600 Irish Literary Culture (Abroad) ENGL 365 Modern and Contemporary Jewish Literature or JWSS 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: 4 ENGL 1140 Grammar. The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1160 Literature and Digital Diversity ENGL 2150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	ENGL 2330	The American Renaissance	
ENGL 3720 19th-Century Major Figure 20th/21st Century ENGL 2301 The Graphic Novel ENGL 2440 The Modern Bestseller ENGL 2600 Irish Literary Culture (Abroad) ENGL 3161 20th- and 21 st-Century Literatures ENGL 3685 Modern and Contemporary Jewish Literature or JWSS 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21 st-Century Major Figure Theories and Methods Complete one of the following: ENGL 1140 Grammar. The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1110 Introduction to Research on Writing ENGL 2150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	ENGL 3140	19th-Century Literatures	
ENGL 2301 The Graphic Novel ENGL 2440 The Modern Bestseller ENGL 2600 Irish Literary Culture (Abroad) ENGL 3161 20th- and 21st-Century Literatures ENGL 3685 Modern and Contemporary Jewish Literature or JWSS 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: ENGL 1140 Grammar. The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1410 Introduction to Research on Writing ENGL 2150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	ENGL 3619	Emerson and Thoreau	
ENGL 2301 The Graphic Novel ENGL 2440 The Modern Bestseller ENGL 2600 Irish Literary Culture (Abroad) ENGL 3161 20th- and 21 st-Century Literatures ENGL 3685 Modern and Contemporary Jewish Literature or JWSS 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21 st-Century Major Figure Theories and Methods Complete one of the following: 4 ENGL 1140 Grammar. The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1410 Introduction to Research on Writing ENGL 2150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	ENGL 3720	19th-Century Major Figure	
ENGL 2440 The Modern Bestseller ENGL 2600 Irish Literary Culture (Abroad) ENGL 3161 20th- and 21st-Century Literatures ENGL 3685 Modern and Contemporary Jewish Literature or JWSS 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: 4 ENGL 1140 Grammar: The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1410 Introduction to Research on Writing ENGL 2150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	20th/21st Century		
ENGL 2600 Irish Literary Culture (Abroad) ENGL 3161 20th- and 21st-Century Literatures ENGL 3685 Modern and Contemporary Jewish Literature or JWSS 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: 4 ENGL 1140 Grammar. The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1410 Introduction to Research on Writing ENGL 2150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	ENGL 2301	The Graphic Novel	
ENGL 3161 20th- and 21st-Century Literatures ENGL 3685 Modern and Contemporary Jewish Literature or JWSS 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: ENGL 1140 Grammar. The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1410 Introduction to Research on Writing ENGL 2150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	ENGL 2440	The Modern Bestseller	
ENGL 3685 Modern and Contemporary Jewish Literature or JWSS 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: ENGL 1140 Grammar. The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1410 Introduction to Research on Writing ENGL 2150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	ENGL 2600	Irish Literary Culture (Abroad)	
or JWSS 3685 Modern and Contemporary Jewish Literature ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: 4 ENGL 1140 Grammar: The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1410 Introduction to Research on Writing ENGL 2150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	ENGL 3161	20th- and 21st-Century Literatures	
ENGL 3730 20th- and 21st-Century Major Figure Theories and Methods Complete one of the following: 4 ENGL 1140 Grammar: The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1410 Introduction to Research on Writing ENGL 2150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	ENGL 3685		
Theories and Methods Complete one of the following: ENGL 1140 Grammar. The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1410 Introduction to Research on Writing ENGL 2150 ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	or JWSS 3685		
Complete one of the following: ENGL 1140 Grammar: The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1410 Introduction to Research on Writing ENGL 2150 ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	ENGL 3730	20th- and 21st-Century Major Figure	
ENGL 1140 Grammar: The Architecture of English ENGL 1160 Introduction to Rhetoric ENGL 1410 Introduction to Research on Writing ENGL 2150 ENGL 3325 ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics			
ENGL 1160 Introduction to Rhetoric ENGL 1410 Introduction to Research on Writing ENGL 2150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	Complete one of the following:		4
ENGL 1410 Introduction to Research on Writing ENGL 2150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics		-	
ENGL 2150 Literature and Digital Diversity ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics			
ENGL 3325 Rhetoric of Law ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics	ENGL 1410	Introduction to Research on Writing	
ENGL 3381 The Practice and Theory of Teaching Writing ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics			
ENGL 3400 Opening the Archive ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics			
ENGL 3700 Narrative Medicine LING 1150 Introduction to Language and Linguistics			
LING 1150 Introduction to Language and Linguistics			
3 3 3			
LING 2350 Linguistic Analysis			
	LING 2350	Linguistic Analysis	

4 Biology and English, BS LING 3450 Syntax LING 3452 Semantics **LING 3454** History of English LING 3456 Language and Gender **LING 3458 Topics in Linguistics Comparative Course** Complete one of the following courses: **ENGL 1450** Reading and Writing in the Digital Age **ENGL 1500** British Literature to 1800 **ENGL 1502** American Literature to 1865 **ENGL 2150** Literature and Digital Diversity **ENGL 2420 Contemporary Poetry ENGL 2430 Contemporary Fiction ENGL 2455** American Women Writers **ENGL 2470** Asian-American Literature **ENGL 2510 Horror Fiction ENGL 2520** Science Fiction **ENGL 2600** Irish Literary Culture (Abroad) **ENGL 2620** What Is Nature? **ENGL 2690** Boston in Literature **ENGL 3487** Film and Text (Abroad) **ENGL 3663** The African American Novel Writing Complete one of the following: **Creative Writing ENGL 2700 ENGL 2710** Style and Editing **Digital Writing ENGL 2730 ENGL 2740** Writing and Community Engagement **ENGL 2760** Writing in Global Contexts **ENGL 2770** Writing to Heal **ENGL 2850** Writing for Social Media: Theory and Practice **ENGL 3375** Writing Boston **ENGL 3376** Creative Nonfiction **ENGL 3377** Poetry Workshop **ENGL 3378 Fiction Workshop ENGL 3380 Writing Seminar ENGL 3382** Publishing in the 21st Century **ENGL 3384** The Writer's Marketplace **English Electives** Complete any two ENGL courses that have not already been used to fulfill another requirement. 8 **Integrative Courses** Title Hours Code Integrative English Course Complete one of the following: **ENGL 2620** What Is Nature? **ENGL 2650** Science Writing: Origins, Ethics, and Emerging Genres **ENGL 2770** Writing to Heal **ENGL 3340** Technologies of Text Integrative General Biological Sciences Course Complete one of the following: **PSYC 3464** Psychology of Language **PSYC 4522** Psychology of Reading

Biology and English, BS

Capstone Requirement

Complete one of the following capstone options:

Code	Title	Hours
Biology Capstone: complete one of the options to fulfill the capstone requirement in biology.		1-4
BIOL 4701	Biology Capstone	
BIOL 4900	Biology Research Capstone (concurrent with BIOL 4991 or BIOL 4994, which may be used toward Intermediate/Advanced Biology)	
BIOL 4971	Junior/Senior Honors Project 2	
English Capstone		
ENGL 4710	Capstone Seminar	4
or ENGL 4720	Capstone Project	

Biology and English Combined Major GPA Requirement

Minimum 2.000 GPA required in all BIOL courses Minimum 2.000 GPA required in all ENGL courses

Program Requirement

128 total semester hours required