REQUIREMENTS FOR THE BACHELOR OF SCIENCE

COLLEGE OF ARTS AND SCIENCES

THE UNIVERSITY OF OKLAHOMA

For Students Entering the Oklahoma State System for Higher Education:

Summer 2015 through Spring 2016 Minimum Credit Hours and Grade Point Averages Required

Total Hours — 120 Upper-Division Within Total 48

Major Hours — 36

Grade Point Averages:

Overall & Major: Combined OU/Transfer - 2.00 OU - 2.00

48 Upper-Division Hours REQUIRED

Biology

B105

Bachelor of Science

48 Upper-	Division Hours REQUIRED					
ents to complete at least 30 hours of appli	cable coursework each year to have the	he opportunity to	o graduate in four years.			
GENERAL EDUCATION AND COLLEGE REQUIREMENTS		Some courses required for the major may also fulfill University General				
ed P/NP will not apply.	Education and/or College of Arts & Sciences Requirements					
neral Education course list published in the Class	1203, 2103, 2124, 2234, and 2255)					
Education (minimum 40 hours) and	BIOLOGY					
munication (9-22 hours, 3-6 courses) courses) glish Composition glish Composition, or ing n the same language) requirement cannot be met by high school (0-5 hours)	Cells, and Physiology, or 1114 Introductory Zoology, and 1121 Introductory Zoology Lab 1134 Introductory Biology: Evolution, Ecology & Diversity 2013 Evolution 3333 Genetics 4983 Senior Seminar (Capstone) Electives — (16 hours) to be chosen in consultation with the departmental adviser; must include two upper- division laboratory courses. (BIOL	1415 G 4 1 3053 O 4 3152 O 3153 O 3 3653 B 3 3	Beneral Chemistry Drganic Chemistry, and Drganic Chemistry Lab, and Drganic Chemistry, or Biochemistry	3 2 3		
level or demonstrated competency at that level.	count for lab credit). No more than 6 hours can be taken outside of the biology department. Please see http://www.ou.edu/content/dam/cas/biology/pdf/undergrad/Biology_Advisory_Car	upper-div Please see http://ww ndergradu requireme	vision College Humanities, IV) e vw.ou.edu/content/cas/biology/u uate-studies/degree- ents.html for a list of HSCI			
ved General Education designators: AGSC, ASTR,	courses.	3-4 2414 G 2424 G or 2514 G	Gen. Physics for Life Science, and Gen. Physics for Life Science Gen. Physics for Engr. & Sci., and	3		
		3-4	gen. Physics for Engr. & Sci.	4		
6 courses) 3 hours, 1 course) ure (6 hours, 2 courses)	STATISTICS: 1 of the following: PSY 2113 Res. Methods 1: Statistics BIOL 2913 Intro. to Quant. Method	MATH 1743 C 1823 C	Calculus & Analytic Geometry I, or	3		
(excluding HIST 1483 and 1493)	in Biology BIOL 4913 Quantitative Biology					
courses (6 upper-division hours, 2 courses at the le the major and selected from Understanding on and Culture, or Non-Western Culture.			to bring total applicable hours to			
	ents to complete at least 30 hours of application and College REQUIREMENTS ed P/NP will not apply. cation and College of Arts & Sciences requiremeral Education course list published in the Class Immec/gened.htm. Education (minimum 40 hours) and mod Sciences Requirements munication (9-22 hours, 3-6 courses) gish Composition, or sing in the same language) requirement cannot be met by high school [0-5 hours] [10 hou	AND COLLEGE REQUIREMENTS ed P/NP will not apply. action and College of Ans & Sciences requiremental Education course list published in the Class Imree/gened.htm. Education (minimum 40 hours) and and Sciences Requirements immunication (9-22 hours, 3-6 courses) courses) glish Composition or ling in the same language) requirement cannot be met by high school level or demonstrated competency at that level. [0-5 hours] [ents to complete at least 30 hours of applicable coursework each year to have the opportunity of AND COLLEGE REQUIREMENTS ed Poll Pivill not apply. Some courses required for the major may be delivation and/college of Arts & Some courses required for the major may be delivation and/college of Arts & Some courses required for the major may be delivation and/college of Arts & Some courses required for the major may be delivation and/college of Arts & Some courses required for the major may be delivation and/college of Arts & Some courses required for the major may be developed in the Class Internet Education and/college of Arts & Some courses of major coursework must be completed and Sciences Requirements munication (0-22 hours, 3-6 courses) 10 courses) 1141 Introductory Biology Molecules, Cells, and Physiology, on a dillino for sing sign of the same language) 1152 Introductory Zoology, and 1154 Introductory Biology Eduction, Ecology & Diversity 2013 Evolution, 233 Genetics 4983 Senior Seminar (Capstone) 1164 Introductory Zoology Lab 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ents to complete at least 30 hours of applicable coursework each year to have the opportunity to graduate in four years. AND COLLEGE REQUIREMENTS eatlon and College of Arts & Sciences requirement of the PNP will not apply. Some courses required for the major may also fulfill University Gene Education and College of Arts & Sciences Requirements and a complete of Arts & Sciences Requirements and provided the complete of Arts & Sciences Requirements and provided the Composition of College of Arts & Sciences Requirements and a College of Arts & Sciences Requirements and the College requirement connected to the College requirement connected competency and the same language) 11 Introductory Biology, Molecules, Cells, and Physiology, and plan Composition, or ing and major support Biology & Diversity 2013 Evolution, Ecology & Diversity 2013 Evolution and Sciences (Biology & Diversity 2014 Evolution, Ecology & Diversity 2015 Evolution, Ecology & Diversity 20		

INFORMATION CONCERNING GENERAL RULES, REGULATIONS AND MINIMUM REQUIREMENTS

TOTAL HOURS: A minimum of 120 semester hours acceptable toward graduation must be completed.

UPPER-DIVISION HOURS: A minimum of 48 upper-division semester hours acceptable toward graduation must be completed. OU courses numbered 3000 or above are upper-division. Transfer work is counted as lower-division or upper-division credit depending on the level at which it was offered at the institution where it was earned. Two-year college work is accepted only as lower-division credit.

ARTS AND SCIENCES HOURS: At least 80 semester hours of liberal arts and sciences courses are required for a BA degree. At least 55 semester hours of liberal arts and sciences courses are required for a BS degree.

MAJOR WORK: A minimum of 30 semester hours must be earned in the major, including a minimum of 15 credit hours at the upper-division level.

PASS/NO PASS ENROLLMENT: A maximum of 16 semester hours of free elective credit may be attempted under this option.

INDIVIDUAL STUDIES (e.g., courses titled "Independent Study"): A maximum of 12 total semester hours may be counted toward graduation, excluding Honors Reading and Honors Research.

P.E. COURSES: No physical education activity courses will be counted toward the 120 semester hours of acceptable credit for graduation.

SENIOR INSTITUTION HOURS: A minimum of 60 semester hours applied toward graduation must be earned at senior (4-year) institutions.

RESIDENCY:

- At least 15 of the final 30 hours applied toward the degree or at least 50 percent of the hours required by the institution in the major field must be satisfactorily completed at the awarding institution.
- At least 15 semester hours of upper-division major work must be completed in residence at OU.
- OU correspondence courses are not considered resident credit.
- Credits earned via examination are neither resident nor nonresident credit.

GRADE POINT AVERAGES: Students must earn a minimum overall 2.00 for each of the following: Combined Retention GPA (all college grades), OU Retention GPA, GPA for all major courses, and GPA for all major courses taken at OU. Some schools and departments of the College have higher minimum grade point averages required for their students.

SPECIAL DEGREES: Students may qualify for an Honors degree (cum Laude, Magna cum Laude, or Summa cum Laude) by completing specific requirements of the Honors College. A degree will be earned with Distinction if the student completes at least 60 semester hours at OU with at least a 3.60 combined retention GPA and OU retention GPA. A degree will be earned with Special Distinction if the student completes at least 60 semester hours at OU with at least a 3.90 combined retention GPA and OU retention GPA.

APPLICATION FOR GRADUATION: Students must apply for graduation during the term in which they complete their degree requirements in order to graduate in that term. Application forms are available from the College of Arts and Sciences Academic Services office, Ellison Hall, Room 124. The deadline for completion of all coursework to graduate in a particular term is the last day of classes in that term.

Refer to the OU General Catalog for more complete information. Suggested Semester Plan of Study — Biology - B105

This plan shows one possible grouping of courses that would allow students to graduate in four years. Please refer to the front of the degree checksheet for official requirements. Students must consult with College of Arts and Sciences and/or Department of Biology academic advisers to verify that courses selected each semester fulfill the recommended plan and satisfy university, College of Arts and Sciences, and Biology major requirements.

Year	FIRST SEMESTER	Hours	SECOND SEMESTER	Hours
FRESHMAN	ENGL 1113, Principles of English Composition (Core I) HIST 1483, United States 1492-1865, or 1493, United States 1865-Present (Core IV) MATH 1523, Precalculus & Trigonometry (Core I) P SC 1113, American Federal Government (Core III) BIOL 1124, Introductory Biology: Molecules, Cells, & Physiology	3 3 3 4	CHEM 1315, General Chemistry ENGL 1213, Principles of English Composition (Core I), or EXPO 1213, Expository Writing (Core I) MATH 1743, Calculus I for Business, Life & Social Sciences, or 1823, Calculus and Analytic Geometry I BIOL 1134, Introductory Biology: Evolution, Ecology, & Diversity	5 3 3 4
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	15
SOPHOMORE	CHEM 1415, General Chemistry cont. PHYS 2414, General Physics for Life Sciences, or 2514, General Physics for Engineering & Science Majors BIOL 2013, Evolution Understanding Artistic Forms (Core IV)	5 4 3 3	CHEM 3053, Organic Chemistry PHYS 2424, General Physics for Life Sciences, or 2524, General Physics for Engineering & Science Majors Statistics Requirement Beginning Foreign Language (Core I)	3 4 3 5
SC	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15
JUNIOR	CHEM 3153, Organic Chemistry, or CHEM 3653, Biochemistry CHEM 3152, Organic Chemistry Lab BIOL 3333, Genetics Beginning Foreign Language continued (Core I) Free Elective, upper-division (3000-4000-level)	3 2 3 5 3	HSCI 3013, History of Science to Newton, or 3023, History of Science since 17th Century, or An approved Ethics course Intermediate Foreign Language Non-Western Culture (Core IV) BIOL Major Group Requirement, upper-division (3000-4000-level) BIOL Major Group Requirement with Lab, upper-division (3000-4000-level)	3 3 3-4 3-4
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	15-17
SENIOR	BIOL Major Group Requirement, upper-division (3000-4000-level) BIOL Major Group Requirement with Lab, upper-division (3000-4000-level) Humanities, upper-division (3000-4000-level), outside major (Gen. Ed.) Western Civilization & Culture (Core IV) Free Elective, upper-division (3000-4000-level)	3-4 3-4 3 3 4	BIOL 4983, Senior Seminar (Capstone) BIOL Major Group Requirement Social Science (Core III) Free Electives, upper-division (3000-4000-level)	3 0-4 3 9
	TOTAL CREDIT HOURS	16-18	TOTAL CREDIT HOURS	15-19

Bachelor's degrees require a minimum of 48 hours of upper-division (3000-4000) coursework.

This plan of study should not be used in lieu of academic advisement.

Students who transfer from other institutions (particularly community colleges) must verify credit hour and course requirements with their college academic counselor, ELLH 124, 325-4411, http://ou.edu/cas. Please make an appointment for a degree check with your college academic counselor once you have earned 90 hours. Appointments may be scheduled at iAdvise.ou.edu.