

Biology Major Checklist: 2011-12 Catalog Year



Name: _____

ID: _____

Graduation Requirements

X	Requirement
	180 credits (lower and upper division)
	60 of the 180 must be upper division
	Complete 45 out of last 75 credits in residence at OSU (OSU credits)
	Maintain a 2.0 average for your degree and major courses
	File for Graduation 3 terms ahead of graduating term (grad term is not always commencement term)
	Students should work with their advisor closely and use My Degree Audit to ensure progress

Baccalaureate Core Requirements

X	Category	Notes
SKILLS		
	Writing I	
	Writing II	
	Speech	
X	Math	Completed in major
	Fitness	
PERSPECTIVES – No more than 2 courses from any 1 department allowed		
X	Biological Science	Completed in major
X	Physical Science	Completed in Major
X	Additional Science	Completed in Major
	Cultural Diversity	
	Literature and Arts	
	Social Process & Inst.	
	Western Culture	
	Difference, Pwr., & Discrimination	
Synthesis Courses – Courses may not be from the same department		
	Contemporary Global Issues	Some major courses are also CGI courses
	Science, Tech, and Society	Some major courses are also STS courses

Bacc Core Notes:

Writing I & Math must be completed in 1st 45 OSU credits

Writing II & Speech must be completed in 1st 90 credits (frosh); 1st 45 OSU credits (transfer)

Check out the OSU-Cascades Bacc Core Course List for approved Bacc Core. http://www.osucascades.edu/advising/gen_ed



Biology Major Requirements

X	Course	Term	Notes/Pre-reqs
	BI 211 – Principles of Biology (4)		*COCC; Rec pre or co-req CH 221
	BI 212 – Principles of Biology (4)		*COCC; Pre-req BI 211
	BI 213 – Principles of Biology (4)		*COCC; Pre-req BI 212
	CH 221 - General Chem. (5)		*COCC; Pre-req MTH 95 or higher
	CH 222- General Chem. (5)		*COCC; Pre-req CH 221
	CH 223 - General Chem. (5)		*COCC; Pre-req CH 222
	MTH 251- Calculus I (4)		*COCC; Rec. pre-req MTH 112 or 113 or instructor approval
	MTH 252 – Calc. II (4)		*COCC; Pre-req MTH 251
	PH 201 – Gen Physics (5)		*COCC; Rec Pre or Co-req MTH 111
	PH 202 – Gen Physics (5)		*COCC; Pre or co-req MTH 112 and PH 201
	PH 203 – Gen Physics (5)		*COCC; Pre-req PH 203
	CH 331 - Organic Chem. (4)		Pre-req 1 yr Chem
	CH 332 – Organic Chem. (4)		Pre-req CH 331
	CH 337 – Organic Chem. (4)		Pre-req CH 332
	BI 314 – Cell Biology (4)		Pre-req 211-213 and co-req CH 331
	BB 450 – General Biochem (4)		Pre-req CH 332
	BB 451 – General Biochem (3)		Pre-req BB 450
	ST 351 – Intro to Stat Methods (4)		
	ST 352 – Intro to Stat Methods (4)		Pre-req ST 351
	BI 311 – Genetics (4)		Pre-req BI 211-213
	BI 370 – Ecology (3)		Pre-req BI 211-213
	MB 302 & MB 303-Gen Microbio (5)		Pre-req CH 322 and BI 314
	BI 445 – Evolution (3)		Pre-req BI 311, rec pre-req is BI 370
Organismal Biology (choose 1 course)			
	Z 477		List of Cascades course(s) to be added
Physiology (choose 1 course)			
			List of Cascades course(s) to be added
History of Science (HSTS) course			
	HSTS 417 online course		List of Cascades course(s) to be added
6-10 Upper Division Science Credits			
	BI 371 – Ecological Methods (3)		*Meets WIC req; pre-req BI 370
	Course 2:		List of Cascades course(s) to be added
Senior Field Test			
	BI 499 – Biology Major Field Test		Take your final term (Spring if Summer is final term)

** There may be additional course options through E-campus. Check with your academic advisor for information.

Disclaimer: Information is for OSU-Cascades only and is subject to change with curriculum change. Catalog year refers to the year students are admitted to OSU and declare the Biology Major.