Biology Department BS Major Checklist 2010-2011

Student	Advisor	
Date Major declared:	Double Major? Yes (Dept:) No

Course	Term Taken	Hours	Grade
BIOL 107; offered every Fall sem.			
BIOL 117 (pre-req: BIOL 107); offered each sem.			
BIOL 201 WC ; offered each sem.			
BIOL 207 (pre-req: BIOL 107, 117, or consent of instructor); offered every			
Fall			
BIOL 300 ER (pre-req: C or better in BIOL 117 and C or better in 201 or			
consent of instructor); offered every Spring sem.			
BIOL 420 CT (pre-req: C or better in BIOL 300 or consent of instructor);			
offered every Spring sem.			
BIOL 450 OC (pre-req: senior status); offered every Spring sem.			
BIOL 460 (pre-req: 3.0 GPA & dept. approval prior sem.)			
BIOL Electives, must take one course from each category (see below):			
Cell/Biochemistry:			
Organismal:			
Structure/Function:			
Population/Ecosystem:			
Other BIOL Electives			
BIOL 285-288 (pre-req: BIOL 117 and consent of faculty project director)			
BIOL 470 and 471 (pre-req: 2.0 GPA overall & in dept., and dept. approval)			
Chemistry Requirements:			
CHEM 111; offered every Fall			
CHEM 112; (pre-req: CHEM: 111); offered every Spring			
CHEM 211 (pre-req: CHEM 111, 112); offered every Fall			
CHEM 212 (pre-req: CHEM 211); offered every Spring			
Math Requirements:			
MATH 151 (pre-req: C or better in MATH 123 or consent of instructor)			
MATH 152 (pre-req: C or better in MATH 151)			
Physics Requirements			
PHYS 201			
PHYS 202			
Statistics Requirement			
Either STAT 161, STAT 162, or STAT 163			

Senior Oral Exam:

All biology majors are required to take and pass a comprehensive oral exam Spring semester of their senior year. Two biology faculty members of the student's choice administer this exam.

Elective Courses and **tentative** frequency of offering/**tentative** term the course will be taught next. One from each of the categories below must be taken.

Cell/Biochemistry:

BIOL 315 (pre-req: BIOL 117 and 300); offered Spring every other year

BIOL 332 (pre-req: CHEM 211 or consent of instructor); offered Fall every year

BIOL 430 (pre-reg: BIOL 117 and CHEM 211); offered Fall every year

BIOL 440 (pre-req: BIOL 300 and junior or senior status); offered Fall every three years

Organismal:

BIOL 225 (pre-req: BIOL 201 or consent of instructor); offered Fall every other year

BIOL 275 (pre-req: BIOL 201); offered Fall every three years

BIOL 340 (pre-req: B or better in BIOL 201 and consent of instructor); offered Spring every year

Structure/Function:

BIOL 312 (pre-req: BIOL 117, 201, and 300); offered Spring every other year BIOL 320 (pre-req: BIOL 201 or consent of instructor); offered Fall every year

BIOL 425 (pre-req: CHEM 112 and 211, and C or better in BIOL 201); offered Fall every year

Population/Ecosystem:

BIOL 240 (currently not taught)

BIOL 411 **QL** (pre-req: BIOL 201, MATH 151, or consent of instructor); offered Fall every year BIOL 415 (pre-req: BIOL 117, 201, or consent of instructor); offered Fall every other year