Biology Department BA 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 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 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)			
Math Requirement:			
MATH 151 (pre-req: C or better in MATH 123 or consent of instructor)			
Statistics Requirement			
Either STAT 161, STAT 162, or STAT 163			
Required Contextual & Support Options (choose one option):			
C & S Option 1			
CHEM 111; offered every Fall			
CHEM 112; (pre-req: CHEM: 111); offered every Spring			
CHEM 211 (pre-req: CHEM 111, 112); offered every Fall			
Additional Option 1 course (see below):			
Additional Option 1 course (see below):			
C & S Option 2			
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			
Either CHEM 221 or CHEM 433			

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-req: 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 (not currently 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

Required Contextual & Support Option 1 Courses
In addition to the three required CHEM courses listed, student must take any two of the following courses:
ENVS 100, 200, 300, or GEOG 311