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UNIVERSITY REGISTRAR

BACHELOR OF SCIENCE IN BIOCHEMISTRY
COLLEGE OF AGRICULTURE & LIFE SCIENCES
GRADUATION CHECK LIST
FOR THOSE
GRADUATING IN CALENDAR YEAR 2013
OPTION IN BIOTECHNOLOGY

Student Name: _____

Student Number: _____

Except where noted, entries must be completed for each line.

A. Math and Natural Sciences (72-74 semester credits)

BCHM 1014	Intro. to Biochemistry		(1)___
BCHM 4115 4116	General Biochemistry		(4)___ (3)___
BCHM 4124	Laboratory Prob Biochemistry		(6)___
BIOL 1105 1106	Principles of Biology	(3)___	(3)___
BIOL 1115 1116	Principles of Biology Lab.		(1)___ (1)___
BIOL 2004	Genetics		(3)___
BIOL 2604	General Microbiology		(3)___
BIOL 2614	General Microbiology Lab.		(1)___
CHEM 1035 1036	General Chemistry		(3)___ (3)___
or			
CHEM 1055 1056	General Chemistry for Majors		(4)___ (4)___
and			
CHEM 1045 1046	Gen. Chemistry Lab		(1)___ (1)___
or			
CHEM 1065 1066	Gen. Chem. Lab for Majors	(1)___	(1)___
*CHEM 2565 2566	Principles of Organic Chemistry	(3)___	(3)___
and			
CHEM 2545 2546	Organic Chemistry Lab.		(1)___ (1)___
or			
CHEM 2535 2536	Organic Chemistry	(3)___	(3)___
and			
CHEM 2545 2546	Organic Chemistry Lab.		(1)___ (1)___

***CHEM 2565, 2566 sequence is recommended.**

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CHEM 2114	Analytical Chemistry	(3)___
and		
CHEM 2124	Analytical Chemistry Lab.	(1)___
CHEM 4615 4616	Phys. Chem for the Life Sciences	(3)___ (3)___
or		
CHEM 3615 3616	Physical Chemistry	(3)___ (3)___
MATH 1016	Elem. Calculus w/ Trig I	(3)___
and MATH 2015	Elem. Calculus w/ Trig II	(3)___
and		
MATH 2016	Elem. Calculus w/ Trig II	
or STAT 3615	Biological Statistics	(3)___
	or	
MATH 1205 1206	Calculus	(3)___ (3)___
and		
MATH 2016	Elem. Calculus w/ Trig II	
or STAT 3615	Biological Statistics	(3)___
PHYS 2205 2206	General Physics	(3)___ (3)___
PHYS 2215 2216	General Physics Lab.	(1)___ (1)___

B. Curriculum for Liberal Education (16 -22 sem. credits)

ENGL 1105 1106	(3)___ (3)___
or	
ENGL H1204	(3)___
Ideas, Cultural Traditions and Values (Area 2)	(3)___ (3)___
Society and Human Behavior (Area 3)	(3)___ (3)___
Creativity and Aesthetic Experience (Area 6)	(1)___
Critical Issues in a Global Context (Area 7)*	(3)___

*Area 7 course may also be used to fulfill part of Area 2 or Area 3 requirement.

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Visual Expression, Writing and Speaking (ViEWS) requirement is satisfied upon completion of the biochemistry major curriculum.

C. Biotechnology Option (3 Semester credits)

Biochemistry majors may earn an Option in Biotechnology by successfully completing BCHM 4784, Biotechnology Applications, in addition to the degree requirements in biochemistry.

BCHM 4784 (3)___

D. Unrestricted electives (21 - 29 semester credits)

(3)___ (3)___
(3)___ (3)___
(3)___ (3)___
(3)___ (3)___
(3)___ (2)___

E. Foreign Language Requirement

Students who did not successfully complete at least two units of a single foreign, classical, or sign language during high school must successfully complete six semester hours of a single foreign, classical, or sign language at the college level. Courses taken to meet this requirement do not count toward hours required for graduation. Please see the Undergraduate Catalog for details.

Satisfactory Progress toward Degree

(1) After having attempted 36 semester credits (including transfer, advanced placement, advanced standing, credit by examination and course withdrawal hours), students must have passed at least 12 semester credits of the Curriculum for Liberal Education.

(2) After having attempted 72 semester credits (including transfer, advanced placement, advanced standing, credit by examination and course withdrawal hours), students must have passed at least 24 semester credits of the Curriculum for Liberal Education.

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(3) After having attempted 96 semester credits (including transfer, advanced placement, advanced standing, credit by examination and course withdrawal hours), students:

(a) must have an in-major grade point average of 2.0 or greater and

(b) should have completed: BIOL 1105, 1106; BIOL 1115, 1116; BIOL 2004; BIOL 2604; BIOL 2614; CHEM 1035, 1036 or 1055,1056; CHEM 1045, 1046 or 1065,1066; CHEM 2565, 2566 or 2535, 2536; CHEM 2545, 2546 ; PHYS 2205, 2206; PHYS 2215, 2216.

Courses used to calculate in-major GPA:

Students must maintain a minimum 2.0 GPA and earn a grade of C- or better in each of the following courses: BIOL 1105, 1106, 1115, 1116, 2004, 2604, 2614; BCHM 4115, 4116, 4124; CHEM 1035 and 1036 or 1055 and 1056; 1045, 1046 or 1065,1066; 2114, 2124; 2535, 2536 or 2565, 2566; 2545, 2546; 4615, 4616 or 3615, 3616. **BCHM 4784 is included in in-major GPA and carries the C- or better grade requirement for students in the Biotechnology Option.**

OTHER:

- **Students must earn a C- or better in each of the required courses in biochemistry, biology and chemistry.** Students earning a grade less than "C-" in BCHM 4115 must have permission of laboratory instructor to enroll or remain enrolled in BCHM 4124.
- **There are no hidden prerequisites for the major courses.**
- **A minimum overall GPA of 2.0/4.0 is required for graduation.**
- **Hours required for graduation: 120 semester hours**

01/07/11