

FALL ____

SPRING ____

SUMMER ____

COURSES	CREDITS
TOTAL CREDIT-HOURS	

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General Education Courses/Credits to meet College/University Requirements

Communication Proficiency	Arts and Humanities LAS-12 cr AG-3 cr	Social Sciences LAS- 9 cr AG-3 cr	US Div* 3 cr Int. Persp* 3 cr	CALS Only: Ag Sci ⁴ 9 cr	LAS Only: 45 cr.of 300+	LAS Only: World Lang.	LAS Only: BIOL SCI Elective ³ : 4 cr
ENGL 150	Ethics ¹						
ENGL 250 min grade C							
LIB 160							
**ENGL 314 ²							
SPCM 212 ¹							

*Select courses meeting requirement may also apply (*6 cr.) toward A&H or SS categories. Not all do, so cross check.

**BBMB411 meets this college requirement with report standard met and min. grade C.

¹ Course required by CALS only ² Course required by LAS only ³ BIOL SCI elective: BBMB,BIOL,CHEM,GEN, etc.

⁴ AG SCI course list on CALS website

COURSE INFORMATION: all listed for Bioch major ** Not required for Ag Bioch major Bioph (see catalog)

Course	Credit	Pre-Requisite	Co-Requisite	Semester Offered	Notes:
BBMB101	1			F	
BBMB102	1			S	
BBMB110	1 P/NP			F	Learning Community BBMB
BBMB111	1 P/NP			S	Learning Community BBMB
BBMB201	2	CHEM331	CHEM332	S	
* BBMB 212X	2	CHEM 177+L		F,S	Substitute for CHEM 211+L
*BBMB404	3	CHEM 332		F (online F,S,Su)	
*BBMB405	3	BBMB 404		S (online, F,S,Su)	
BBMB411	4	Cr./reg. BBMB404 BBMB 212X or CHEM 211+L		F Seniors only	80% on two formal lab reports is req. to meet 300 level English
**BBMB461	2	Cr./reg. in MATH166, CHEM178,PHYS222		S	*PHYS112 is accepted pre-req.
*BBMB561L	2	Cr./reg. in BBMB461		S	OR CHEM322L
CHEM177+L or CHEM 201+L	5 or 6		LAB: 177L or 177N	F,S, Su	CHEM201= 177+178 Lab: 201L = 177L+178L
CHEM178	3	CHEM177, 177L		F,S,Su	
*CHEM211+L	2+2	CHEM201+L or cr./reg. in CHEM178	Concurrent reg. in CHEM 211L	F,S	BBMB 212X is a 2 cr subst. for CHEM 211+L
CHEM331	3	CHEM178		F,S,Su	
CHEM331L	1	CHEM177L	Cr. or reg for CHEM331	F,S,Su	CHEM 333L is the 2 cr. option
CHEM332	3	CHEM331		F,S,Su	CHEM 334L is the 2 cr. option. 332L is pre-req.
**CHEM332L	1	CHEM331L	Cr. or reg. for CHEM332	F,S,Su	
CHEM324	3	CHEM178, MATH166		F,S	PHYS222 recommended
CHEM325	3	CHEM178, MATH166		F,S	PHYS222 recommended
*CHEM322L	3	CHEM324 or 325		S	OR BBMB561L
MATH165	4	ALEKS 70%		F,S,Su	
MATH166	4	MATH165 (C-min)		F,S,Su	
*MATH265	4	MATH166 (C-min)		F,S,Su	OR MATH 266 or 267
PHYS221	5	Cr./reg. MATH166		F,S,Su	
PHYS222	5	PHYS221 ,MATH166		F,S,Su	
BIOL211	3			F,S	*Only 1 Biology lab is req.
BIOL212	3	Cr./reg in CHEM177		F,S	211L, 212L or 313L
BIOL313	3	BIOL211,212		F, S, Su	
BIOL314	3	BIOL212		F,S	

*Choices—either BBMB 212X or CHEM 211+L; BBMB561L or CHEM 322L; MATH 265 or 266 or 267; BIOL 211L, 212L or 313L; BBMB404 or 504&505; BBMB405 or 506&507