## B.S. in BIOLOGY CHECKLIST

(Revised May 2016)

Student	
Advisor_	

BIOLOGY COURSES (41 cr)				Planned	Taken	Grade
Biology Core Courses (12 cr)						
BIOL	201	Principles of Ecology & Evolution	4cr			
BIOL	202	Principles of Cell & Molecular Biology	4cr			
BIOL	203	Principles of Genetics & Development	4cr			
Required Bio	ology Cou	rses (21 cr)				
BIOL	220	General Zoology	3cr			
BIOL	221	Environmental Health and Protection	4cr			
BIOL	240	Human Physiology	4cr			
BIOL	250	Principles of Microbiology	4cr			
BIOL	323	Intro. to Toxicology & Risk Assessment	3cr			
	460	Fundamentals of Environmental	3cr			
BIOL		Epidemiology				
		1				
Controlled B	iology Ele	ectives (8 cr)*				
BIOL	10108,7 221					
BIOL						
2102						
*Select from	BIOL 262	, 310, 363, 466, 476, 481, 482, 483, 484, 493,	or other l	niology maior	courses by pe	rmission of
		chairperson. No more than 6cr total from Inc				
		s applied as free electives.	aop en aem	stady, specie	1 op100, 01 1.	P
of Francisco	, ,	TFF				
REQUIRED	CHEMIS	STRY COURSES (16 cr)*				
CHEM	111	General Chemistry I	4cr			
CHEM	112	General Chemistry II	4cr			
CHEM	231	Organic Chemistry I				
CHEM	351	Biochemistry	4cr			
		1 the Liberal Studies Natural Science Require		IEM 113-114	may he substi	tuted
CHEWITT	112 101111	The Elberta Studies Pattura Science Require	ment. Cr	ILWI 113 114	may be substi	tutcu.
REQUIRED	MATHE	MATICS COURSES (7 cr)				
MATH	121	Calculus I*	4cr			
MATH	216	or MATH 217 Probability and Statistics	3cr			
		idies Mathematics Requirement	361	<u> </u>	1	
1 diffins the 1	nociai bit	dies Mathematics Requirement				
PEOLIBED	PHYSIC	S COURSES (4 cr)				
PHYS	111	Physics I Lecture	3cr			
PHYS	121	Physics I Lab	1cr			
11115	121	1 Hysics 1 Lab	101	1		
ANCHIAD	V SCIEN	CE & TECHNICAL ELECTIVES (4 cr)*		1		
ANCILLAR	1 SCIEN	CE & TECHNICAL ELECTIVES (4 Cr).				
* Calcat from	. CHEM	L 232, 323; <b>GEOG/RGPL</b> 415, 417, <b>GEOG</b> 4	10 425.4	 	 	MATH 122.
		2290, 291, 315, 331, 341, 342 or 345, 350, 35				
		2 290, 291, 313, 331, 341, 342 of 343, 330, 33 d above (excluding liberal studies courses) in t				
		or and the biology department chairperson in a				utcu WIIII
bermission of	uic auvis	or and the biology department chairperson in	auvance 0	i taking the Co	Juise.	
FODETONI	ANICTIA	GE REQUIREMENT (0-6 cr)*				
TUREIGNL	ANGUA	GE VEACUVENIEM (0-0 CL)				
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* a) Two courses in one language, including the placement course; or b) intermediate level. In lieu of a foreign						

language, students may elect to take a sequence of two courses in either Computer Science, exclusive of COSC 101 (COSC 110 and 210 recommended), or two courses in Geography/Regional Planning (from the following: GEOG/RGPL 213, 314, 316, 415, 417)

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ADDITIONAL LIBERAL STUDIES REQUIREMENTS    English   101   English Composition   1   3cr     ENGL   202   English Composition   1   3cr     ENGL   202   English Composition   1   3cr     ENGL   202   English Composition   1   3cr     ENGL   4   4   4   4   4     English Composition   1   3cr     English Composi	i i
ENGL         101         English Composition II         3cr           Knowledge Areas – Humanities:         3cr           HIST         3cr           PHIL/RLST         3cr           ENGL         121           Humanities: Literature         3cr           Knowledge Areas – Fine Arts:         3cr           Knowledge Areas – Dimensions of Wellness:         3cr           MLSC         101         Intro. to Military Science & Lab         2cr           MLSC         102         Fundamentals of Military Sci. & Lab         2cr           Knowledge Areas – Social Sciences*:         5cr         5cr           ECON         101         Basic Economics         3cr           PSYC         101         General Psychology         or         3cr           *No course prefix may be used more than once. One of these courses may fulfill the Liberal Studulticultural Awareness Requirement.         Knowledge Areas – Liberal Studies Elective:         5cr           COSC         101         Computer Literacy or BTED 101 or IFMG         3cr	
ENGL   202   English Composition II   3cr	
Knowledge Areas – Humanities:   3cr   3cr     PHIL/RLST   3cr   3cr     ENGL   121   Humanities: Literature   3cr     Knowledge Areas – Fine Arts:   3cr     Knowledge Areas – Dimensions of Wellness:   3cr     Knowledge Areas – Dimensions of Wellness:   0r   3cr     MLSC   101   Intro. to Military Science & Lab   2cr     MLSC   102   Fundamentals of Military Sci. & Lab   2cr     Knowledge Areas – Social Sciences*:   2cr     ECON   101   Basic Economics   3cr     PSYC   101   General Psychology   0r   3cr     SOC   151   Principles of Sociology   3cr     *No course prefix may be used more than once. One of these courses may fulfill the Liberal Stud Multicultural Awareness Requirement.   Knowledge Areas – Liberal Studies Elective:   2cr     COSC   101   Computer Literacy or BTED 101 or IFMG   3cr     101   3cr   3cr     COSC   101   Computer Literacy or BTED 101 or IFMG   3cr     101   3cr   3cr   3cr     101   3cr   3cr     102   3cr   3cr     103   3cr     104   3cr   3cr     105   3cr   3cr     106   3cr     107   3cr     108   3cr     108   3cr     109   3cr     100   3cr     100   3cr     100   3cr     101   3cr     101   3cr     102   3cr     103   3cr     103   3cr     104   3cr     105   3cr     106   3cr     107   3cr     108   3cr     108   3cr     109   3cr     100   3cr     100   3cr     100   3cr     100   3cr     101   3cr     102   3cr     103   3cr     103   3cr     104   3cr     105   3cr     106   3cr     107   3cr     108   3cr     108   3cr     109   3cr     100	
HIST   3cr   3cr   Scr	
PHIL/RLST   3cr   Strowledge Areas - Fine Arts:   3cr   Strowledge Areas - Dimensions of Wellness:   3cr   Strowledge Areas - Dimensions of Wellness:   3cr   3cr	
ENGL 121 Humanities: Literature 3cr  Knowledge Areas – Fine Arts: 3cr  Knowledge Areas – Dimensions of Wellness: or 3cr  MLSC 101 Intro. to Military Science & Lab 2cr  MLSC 102 Fundamentals of Military Sci. & Lab 2cr  Knowledge Areas – Social Sciences*: 2cr  ECON 101 Basic Economics 3cr  PSYC 101 General Psychology or 3cr  SOC 151 Principles of Sociology 3cr  *No course prefix may be used more than once. One of these courses may fulfill the Liberal Stud Multicultural Awareness Requirement.  Knowledge Areas – Liberal Studies Elective: 2cosc 101 Computer Literacy or BTED 101 or IFMG 101	
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Knowledge Areas – Dimensions of Wellness:    MLSC   101   Intro. to Military Science & Lab   2cr     MLSC   102   Fundamentals of Military Sci. & Lab   2cr     Knowledge Areas – Social Sciences*:       ECON   101   Basic Economics   3cr     PSYC   101   General Psychology   or   3cr     SOC   151   Principles of Sociology   3cr    *No course prefix may be used more than once. One of these courses may fulfill the Liberal Studenticultural Awareness Requirement.  Knowledge Areas – Liberal Studies Elective:   COSC   101   Computer Literacy or BTED 101 or IFMG   3cr     101   Computer Literacy or BTED 101 or IFMG   3cr     101   Computer Literacy or BTED 101 or IFMG   3cr     101   Computer Literacy or BTED 101 or IFMG   3cr     101   Computer Literacy or BTED 101 or IFMG   3cr     101   Computer Literacy or BTED 101 or IFMG   3cr     101   Computer Literacy or BTED 101 or IFMG   3cr	
Knowledge Areas - Dimensions of Wellness:   Or 3cr	
MLSC 101 Intro. to Military Science & Lab 2cr  MLSC 102 Fundamentals of Military Sci. & Lab 2cr  Knowledge Areas – Social Sciences*:  ECON 101 Basic Economics 3cr  PSYC 101 General Psychology or 3cr  SOC 151 Principles of Sociology 3cr  *No course prefix may be used more than once. One of these courses may fulfill the Liberal Studenticultural Awareness Requirement.  Knowledge Areas – Liberal Studies Elective:  COSC 101 Computer Literacy or BTED 101 or IFMG 101	
MLSC 101 Intro. to Military Science & Lab 2cr  MLSC 102 Fundamentals of Military Sci. & Lab 2cr  Knowledge Areas – Social Sciences*:  ECON 101 Basic Economics 3cr  PSYC 101 General Psychology or 3cr  SOC 151 Principles of Sociology 3cr  *No course prefix may be used more than once. One of these courses may fulfill the Liberal Studenticultural Awareness Requirement.  Knowledge Areas – Liberal Studies Elective:  COSC 101 Computer Literacy or BTED 101 or IFMG 3cr	
MLSC 102 Fundamentals of Military Sci. & Lab 2cr  Knowledge Areas – Social Sciences*:  ECON 101 Basic Economics 3cr  PSYC 101 General Psychology or 3cr  SOC 151 Principles of Sociology 3cr  *No course prefix may be used more than once. One of these courses may fulfill the Liberal Studenticultural Awareness Requirement.  Knowledge Areas – Liberal Studies Elective:  COSC 101 Computer Literacy or BTED 101 or IFMG 101	
Knowledge Areas – Social Sciences*:    ECON   101   Basic Economics   3cr     PSYC   101   General Psychology   or   3cr     SOC   151   Principles of Sociology   3cr    *No course prefix may be used more than once. One of these courses may fulfill the Liberal Studiulticultural Awareness Requirement.   Knowledge Areas – Liberal Studies Elective:   COSC   101   Computer Literacy or BTED 101 or IFMG   3cr     101   1	
ECON 101 Basic Economics 3cr PSYC 101 General Psychology or 3cr SOC 151 Principles of Sociology 3cr *No course prefix may be used more than once. One of these courses may fulfill the Liberal Studenticultural Awareness Requirement.  Knowledge Areas – Liberal Studies Elective: COSC 101 Computer Literacy or BTED 101 or IFMG 3cr	
PSYC 101 General Psychology or 3cr SOC 151 Principles of Sociology 3cr *No course prefix may be used more than once. One of these courses may fulfill the Liberal Studies Included Awareness Requirement.  Knowledge Areas – Liberal Studies Elective: COSC 101 Computer Literacy or BTED 101 or IFMG 3cr	
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Multicultural Awareness Requirement.  Knowledge Areas – Liberal Studies Elective:  COSC 101 Computer Literacy or BTED 101 or IFMG 3cr 101	
Multicultural Awareness Requirement.  Knowledge Areas – Liberal Studies Elective:  COSC 101 Computer Literacy or BTED 101 or IFMG 3cr 101	dias Clobal &
Knowledge Areas – Liberal Studies Elective:  COSC   101   Computer Literacy or BTED 101 or IFMG   3cr   101	ules Global &
COSC 101 Computer Literacy or BTED 101 or IFMG 3cr 101	
101	
Giobal & Mutucultural Awareness Course.	
Two 'Writing Intensive' Courses (at least one in major):	
1 wo writing intensive Courses (at least one in major):	
FREE ELECTIVES (9-15 cr)*:	
FREE ELECTIVES (9-15 CF)*:	
*Recommended free electives: MGMT 310; PLSC 250, 370; SAFE 101, 220.	
EXIT SURVEY REQUIREMENT: DATE TAKEN:	
COMMENTS:	
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