

## BIOTECHNOLOGY & MOLECULAR BIOSCIENCE-BS Program

### Study Abroad Pathway—Option 1

(last revised September 2016)

**Table 1a: Undergraduate Program Schedule**

*These undergraduate program schedules are subject to change.*

*Please verify information with your academic advisor and/or School representative before planning your study abroad trip.*

Term: Fall 1		Check course classification (s)				
Course Number & Title	CR	LAS	Maj	New	Prerequisite(s)	
BIOL 121 Introduction to Biology	4	4				
CHMG 141 G & A Chemistry I (LAS-P5)	3	3				
CHMG 145 G & A Chemistry I lab	1	1				
LAS-P1	3	3				
LAS Elective	3	3				
Term credit total:	14	14				
Term: Fall 2		Check course classification (s)				
Course Number & Title	CR	LAS	Maj	New	Prerequisite(s)	
BIOL 201 Cell & Molecular Biology with lab	4		4		BIOL-122 or equivalent	
Mol Biosc & Biotech Elective	4		4			
CHMO 231 Organic Chemistry I	3	3			CHMG 142	
CHMO 235 Organic Chemistry I Lab	1	1			CHMG 146	
STAT 145 Intro Statistics or STAT 155 Biostatistics (LAS-P7b)	3	3				
Term credit total:	15	7	8			
Term: Fall 3		Check course classification (s)				
Course Number & Title	CR	LAS	Maj	New	Prerequisite(s)	
CHMB 402 Biochemistry I	3		3		CHMO 231 or equivalent	
Mol Biosc & Biotech Elective (WI)	3		3			
BIOL 325 Bioinf Analysis Macromolecule	3		3		BIOL 201	
LAS-P3	3	3				
LAS-P4	3	3				
Term credit total:	15	6	9			
Term: Spring 1		(Check course classification (s))				
Course Number & Title	CR	LAS	Maj	New	Prerequisite(s)	
BIOL 122 Intro to Biology	4	4			BIOL 121	
CHMG 142 G&A Chemistry II (LAS-P6)	3	3			CHMG 141	
CHMG 146 G&A Chemistry I lab (LAS-P6)	1	1			CHMG 145	
MATH 161 Applied Calculus (LAS-P7a)	4	4				
Writing Seminar (LAS-Foundation)	3	3				
Term credit total:	15	15				
Term: Spring 2		(Check course classification (s))				
Course Number & Title	CR	LAS	Maj	New	Prerequisite(s)	
BIOL 321 Genetics	3		3		BIOL 201	
BIOL 204 Microbiology	4		4		BIOL-201	
CHMO 232 Organic Chemistry II	3	3			CHMO 231	
CHMO 236 Organic Chemistry II Lab	1	1			CHMO 235	
LAS-P2	3	3				
Term credit total:	14	7	7			
Term: Spring 3—DANISH INTERNATIONAL STUDY		Check course classification (s)				
Course Number & Title	CR	LAS	Maj	New	Prerequisite(s)	
Danish Language and Culture (Open Elective)	3					
Diabetes: Diagnoses & Diseases (Mol Biosc & Biotech Elective)	3		3			
Epigenetics & The Environment (Mol Biosc & Biotech Elective)	3		3			
Immunology (Mol Biosc & Biotech Elective)	3		3			
Medical Biotechnology (Mol Biosc & Biotech Elective)	3		3			
Term credit total:	15		12			

Term: Fall 4		Check course classification (s)			
Course Number & Title	CR	LAS	Maj	New	Prerequisite(s)
Mol Biosc & Biotech Elective	4		4		
Open Elective	3				
Mol Biosc & Biotech Elective	3		3		
LAS-I2	3	3			
LAS-I1	3	3			
Term credit total:	16	6	7		

Term: Spring 4		Check course classification (s)			
Course Number & Title	CR	LAS	Maj	New	Prerequisite(s)
Mol Biosc & Biotech Elective	4		4		
Mol Biosc & Biotech Elective	3		3		
Mol Biosc & Biotech Elective	4		4		
LAS-I3	3	3			
LAS-Elective	3	3			
BIOL 500 Exp. Learn. Req in Life Science	0		0		
Term credit total:	17	6	11		

<b>Program Totals:</b>	<b>Credits: 121</b>	<b>Liberal Arts &amp; Sciences: 61</b>	<b>Major: 54</b>	<b>Elective &amp; Other: 6</b>
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Cr: credits **LAS:** liberal arts & sciences **Maj:** major requirement **New:** new course **Prerequisite(s):** list prerequisite(s) for the noted courses