



# Biology: Pre-Professional

**Bachelor of Science with Innovation Minor**  
*Suggested Schedule\**

FIRST YEAR			
Semester 1 (Spring)		Semester 2 (Summer)	
MAC 2311 Analytic Geometry and Calculus I (GE-M)	4	CHM 2045 & CHM 2045L General Chemistry and Lab (GE-P)	4
State Core Humanities with Diversity (GE-H)	3	BSC 2010 & BSC 2010L Principles of Biology I and Lab (GE-B)	4
State Core Composition (GE-C, WR 6000)	3	Composition (GE-C, WR 6000)	3
Elective	2	PSY 2012 Introduction to Psychology (State Core GE-S)	3
IDS 1940 Creativity & Design Thinking for Innovation	2	IDS 1359 Innovation in Action	2
<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>16</b>
SECOND YEAR			
Semester 3 (Spring)		Semester 4 (Summer)	
CHM2046 and CHM2046L General Chemistry II and Lab (GE-P)	4	CHM 2210 Organic Chemistry	3
BSC2011 & BSC2011L Principles of Biology II and Lab	4	AGR 3303 Genetics	3
AEB 2014 (3), ECO 2013(4) or ECO2023(4) (GE-S/CALS)	3-4	Elective (WR 4000)	3
ENT3003 Principles of Entrepreneurship	4	STA 2023 Statistics (GE-M)	3
<b>TOTAL</b>	<b>15-16</b>	AEC3410 Fostering Innovation Through Leadership	3
		<b>TOTAL</b>	<b>15</b>
THIRD YEAR			
Semester 5 (Spring)		Semester 6 (Summer)	
PHY 2053 & PHY 2053L Physics I and Lab	5	PHY 2054 & PHY 2054L Physics II and Lab	5
CHM 2211 and CHM 2211L Organic Chemistry II and Lab	5	BCH 4024 Biochemistry and Molecular Biology	4
PHI 3641 Ethics and Innovation (GE-H, 2K)	3	Approved Life Science Elective	3
Elective (If AEB2014 was selected, then 3 credits are needed, if ECO2013 or ECO2023 was selected, then 2 credits are needed.)	2-3	Elective	3
<b>TOTAL</b>	<b>15-16</b>	<b>TOTAL</b>	<b>15</b>
FOURTH YEAR			
Semester 7 (Spring)		Semester 8 (Summer)	
MCB 3020 & MCB 3020L Basic Biology of Microorganisms and Lab	4	AEC 3030C Effective Oral Communication (CALS)	3
Approved Life Science Elective	3	BSC 4936 Critical Analysis of Biological Research	2
Approved Life Science Elective	3	Approved Life Science Elective	3
BSC 3096 Human Physiology	3	Social and Behavioral with International (GE-S-N)	3
AEC 3033C Research and Business Writing for Agricultural and Life Sciences (CALS/WR 6000)	3	ENT 4015 The Venture Accelerator or IDS 4950 IA Senior Project	2
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>13</b>

\* For Detailed tracking and degree requirements please refer to the UF catalog. Depending on ALEKS score (math placement), it is recommended that MAC1147 and CHM1025 are taken in the fall prior to your first spring term.

**TOTAL CREDITS TO DEGREE = 119-121**

\* For Detailed tracking and degree requirements please refer to the [UF catalog](#).

\*Diversity requirements from previous undergraduate catalogs may still apply and must be fulfilled.