

**BIOLOGICAL SCIENCES- Bachelor of Science (BS)**  
**College of Liberal Arts and Sciences - Tempe campus**

2007-2008 Catalog

Critical tracking in **red/bold**. LD=lower division, UD=upper division.  
 All critical requirement courses must be completed by the end of semester 4  
 Consult academic advisor for Learning Community, Campus Match and First Year Seminar options.  
 \* "C" minimum grade required in all critical requirement courses and all course work in major and related fields.

<u>Semester 1 (0-15 credits)</u>		LD	UD	<u>Semester 2 (16-30 credits)</u>		LD	UD
*ENG 101/107 or ENG 102/108 or ENG 105	3			*ENG 101/107 or ENG 102/108 or ENG 105	3		
<sup>a</sup> * <b>BIO 187 or 188</b> or SB C,G,H	<b>4/3</b>			<sup>a</sup> * <b>BIO 187 or 188</b>	<b>4</b>		
<sup>a</sup> * <b>BIO 189</b>	<b>1</b>			<sup>a</sup> * <b>CHM 116</b>	<b>4</b>		
*MAT 251 (MA)	3			HU C,G,H	3		
<sup>a</sup> * <b>CHM113</b>	<b>4</b>			SB C,G,H	3		
Semester Total	14-15			Semester Total	17		31-32
<u>Semester 3 (31-45 credits)</u>				<u>Semester 4 (46-60 credits)</u>			
<sup>a</sup> * <b>MIC 220</b>	<b>3</b>			<sup>b</sup> *CHM 234/238 or Elective	4/3		
<sup>a</sup> * <b>MIC 206</b>	<b>1</b>			<sup>a</sup> * <b>STP 226 or 231 (CS)</b>	<b>3</b>		
<sup>b</sup> * <b>CHM 231/235 or 233/237</b>	<b>4</b>			<sup>a</sup> * <b>BIO 320 or 345</b>			<b>3</b>
<sup>a</sup> * <b>BIO 187 or 188</b> if completed take SB C,G,H	<b>4/3</b>			HU C,G,H	3		
Science and Society	- 3			Literacy (L)	- 3		
Semester Total	14-15			Semester Total	12-13	3	29-31
<b>First Year Composition Completed</b>				<u>Semester 6 (76-90 credits)</u>			
<u>Semester 5 (61-75 credits)</u>				<u>Semester 6 (76-90 credits)</u>			
*BIO 320 or 345		3		*BIO (340 or 341) or 360 or 353 or PLB 308		3/4/5	
*BIO (340 or 341) or 353 or 360		3/4/5		*UD Major Elective (Lab)		4	
<sup>c</sup> *PHY 101 or 111/113	4			<sup>c</sup> *PHY 112/114 or Elective	4/3		
UD Science & Society		3		UD SB or HU		3	
UD Elective		3					
Semester Total	4	12-14		Semester Total	4/3	10-12	30-32
<u>Semester 7 (91-105 credits)</u>				<u>Semester 8 (96-120 credits)</u>			
*Organismal Diversity Course		4		*UD Major Elective		3	
*UD Major Elective (Lab)		4		*UD Major Elective (if needed)		3	
UD Elective		3		UD Elective		3	
UD Literacy (L)		3		UD Elective		4	
Semester Total		14		Semester Total		13	27

<sup>a</sup>BIO 187 and 188 to be taken within first three semesters

<sup>b</sup>Choose between the combinations (4 or 8 hrs) CHM 231/235 **OR** CHM 233/237 & CHM 234/238.

<sup>c</sup>Choose between the combinations (4 or 8 hrs) PHY 101 **OR** PHY 111/113 & PHY 112/114.

SB or HU, or Science and Society, or Literacy courses are interchangeable in sequencing.

## **ASU 101: The ASU Experience**

*Required for all incoming freshmen students*

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In addition to the courses listed on the major map, all incoming freshmen students are required to register for ASU 101: The ASU Experience (1 credit).

### **About the ASU 101 Course:**

Students will learn about ASU's mission as the New American University, the importance and benefits of an entrepreneurial approach to problem solving, solutions to sustainability challenges, the importance of social embeddedness, and cultural diversity. Additionally, through various course discussions and assignments, students will examine the concept of academic integrity and its potential impact on their future, gain awareness of the value of engaging in research activities, and learn about taking an interdisciplinary perspective.

Additional information can be found on the web at [www.asu.edu/ASU101](http://www.asu.edu/ASU101).

### **Course Format:**

The course is a one-credit, 5-week course and will be offered in a hybrid format (both face-to-face and on-line).