

**LIFE SCIENCES- Bachelor of Science (BS)**  
**New College of Interdisciplinary Arts and Sciences - West campus**

**2007-2008 Catalog**

- “C” minimum required in all critical requirement courses. Critical Requirement courses are in **bold/red**.
- All critical requirement courses must be completed by the end of semester 5.

	Lower Division	Upper Division		Lower Division	Upper Division
<b>SEMESTER 1 (0-15 credits)</b>			<b>SEMESTER 2 (16-30 credits)</b>		
<b>WAC 101 or ENG 101/107 or ENG 102/108 or ENG 105</b>	3		<b>ENG 101/107 or ENG 102/108 or ENG 105</b>	3	
<b>BIO 187 (SG)</b>	4		<b>BIO 188 (SQ)</b>	4	
<b>CHM 113 (SQ)</b>	4		<b>CHM 116 (SQ)</b>	4	
Humanities (HU)	3		Humanities (HU)	3	
	14	0		14	0
<b>TOTAL HOURS</b>	14		<b>TOTAL HOURS</b>	14	
<b>SEMESTER 3 (31-45 credits)</b>			<b>SEMESTER 4 (46-60 credits)</b>		
<b>LSC 347/348, LSC 353/355, or LSC 320/322</b>		3/1	<b>LSC 347/348, LSC 353/355, or LSC 320/322 (courses not taken in semester 3)</b>		3/1
<b>CHM 233</b>	3		<b>CHM 234</b>	3	
<b>CHM 237</b>	1		<b>CHM 238</b>	1	
<b>MAT 210 OR MAT 270</b>	3 or 4		MAT 271 or Elective	3 or 4	
Social and Behavioral Sciences (SB)	3		Social and Behavioral Sciences (SB)	3	
Literacy & Critical Inquiry (L)	3				
	13 or 14	4		10 or 11	4
<b>TOTAL HOURS</b>	17 or 18		<b>TOTAL HOURS</b>	14 or 15	
<b>First Year Composition Completed</b>					
<b>SEMESTER 5 (61-75 credits)</b>			<b>SEMESTER 6 (76-90 credits)</b>		
<b>LSC 347/348, LSC 353/355, or LSC 320/322 (courses not taken in semester 3 or 4)</b>		3/1	Distribution Course (list in DARS)		4
PHY 111	3		Major Elective Course (list in DARS)		3
PHY 113	1		PHY 112	3	
Literacy and Critical Inquiry (L)		3	PHY 114	1	
Language & Cultures: Global Awareness (G) or Cultural Diversity (C) *		3	Language & Cultures: Global Awareness (G) or Cultural Diversity (C) *		3
	4	10	Elective	3	
<b>TOTAL HOURS</b>	14		<b>TOTAL HOURS</b>	17	
<b>CR and Math completed</b>					
<b>SEMESTER 7 (91-105 credits)</b>			<b>SEMESTER 8 (106-120 credits)</b>		
Distribution Course (list in DARS)		4	Distribution Course (list in DARS)		4
Major Elective Course (list in DARS)		3	Major Elective Course (list in DARS)		3
LSC 415 Biometry (CS) or Elective		4	Awareness Area (H, C, or G) or Elective		3
Awareness Area (H,C, or G) or Elective	3		Awareness Area (H,C, or G)	3	
Humanities or Social and Behavioral Sciences (HU/SB)		3			
	3	14		3	10

## Critical Requirements and Major Map

<b>TOTAL HOURS</b>	<hr/>	17
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<b>TOTAL HOURS</b>	<hr/>	13
<b>Grand Total</b>		<b>120 (52)</b>

\* May be substituted with four (4) semester hours of a foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

## **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).