

## 2014-2015 Catalog Year - MAPP Biological Sciences BS



### ASU Major

[Biological Sciences, BS](#) - [\[The College of Liberal Arts and Sciences\]](#)

### Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Science degree and AGECS, meets major map requirements at ASU, and guarantees admission to the Biological Sciences B.S. degree program. Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.


### \*USE 1100103017 Maricopa Co Cc Dist Course Requirements

Required Courses	Pathway	AGEC-S Program	ASU ASU	Min.	Notes
	Credits	Reqs	Trk LD	Grade	
<b>First Year Composition</b>					
ENG 101: First-Year Composition  ENG 1101 OR ENG 107: First-Year Composition for ESL	3	•	•	C	
ENG 102: First-Year Composition  ENG 1102 OR ENG 108: First-Year Composition for ESL	3	•	•	C	
<b>Literacy and Critical Inquiry</b>					
Lower Division Literacy and Critical Inquiry	0-3	•		C	Literacy and Critical Inquiry (L): Recommend selecting a course that satisfies L and SB OR L and

HU OR L and  
COM or L and  
CRE 101  
requirements  
simultaneously.

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### Mathematical Studies

MAT 221: Calculus With Analytic Geometry I 	4	■	■	C
MAT 2220				

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### Humanities and Fine Arts

Lower Division Humanities and Fine Arts	6	■		C
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### Social-Behavioral Science

Lower Division Social and Behavioral Science	6	■		C
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### Natural Science





BIO 181: General Biology (Majors) I 	4	■	■	C
BIO 1181				

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BIO 182: General Biology (Majors) II 	4	■	■	C
BIO 1182				

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### Subject Options

CHM 151: General Chemistry I  CHM 1151 AND CHM 151LL: General Chemistry I Laboratory  CHM 1151 OR CHM 150AA: General Chemistry I  CHM 1151 OR CHM 151AA: General Chemistry I  CHM 1151	4-5	■	■	C
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CHM 152:	4	■	■	C
General				
Chemistry II				
SUN# CHM 1152				
AND				
CHM 152LL:				
General				
Chemistry II				
Laboratory SUN#				
CHM 1152				

#### AGEC Awareness Areas

Lower Division	0-3	■		C
Cultural				
Diversity in the				
US [C]				

Lower Division	0-3	■		C
Historical or				
Global [H] or				
[G]				

#### MCCCD Additional Requirements




COM 100:	0-3	■		C
Introduction to				
Human				
Communication				
SUN# COM 1100				
OR				
COM 110:				
Interpersonal				
Communication				
OR				
COM 225:				
Public Speaking				
OR				
COM 230: Small				
Group				
Communication				



CRE 101:	0-3	■		C	Complete CRE 101 or equivalent
College Critical					
Reading					

#### Additional Lower Division Requirements

MAT 206:	3		■	C
Elements Of				
Statistics SUN#				
MAT 1160				

CHM 230:	4		■	C
Fundamental				
Organic				
Chemistry SUN#				
CHM 2230 AND				
CHM 230LL:				

Fundamental  
Organic  
Chemistry  
Laboratory   
CHM 2230 OR  
CHM 235:  
General Organic  
Chemistry I  
 CHM 2235  
AND  
CHM 235LL:  
General Organic  
Chemistry I  
Laboratory   
CHM 2235

CHM 236: 0-4  
General Organic  
Chemistry IIA  
 CHM 2236  
AND  
CHM 236LL:  
General Organic  
Chemistry IIA  
Laboratory   
CHM 2236

■


C If you took  
CHM  
235/235LL,  
take CHM  
236/236LL to  
complete your  
Organic  
Chemistry  
requirement.  
You do not  
need to  
complete CHM  
236/236LL if  
you took CHM  
230/230LL.

Wherever  
possible,  
pre-health  
students should  
take a  
two-semester  
sequence for  
required natural  
sciences.

PHY 101: 4  
Introduction To  
Physics

■

C

BIO 220: 0-4  
Biology of  
Microorganisms  
 BIO 2205

■

C BIO 220:  
Satisfies the  
Major Core  
Elective. May  
take this course  
after transfer to  
ASU.

Lower Division 16-0  
Elective

■

C Lower Division  
Electives should  
be completed

once all other  
requirements  
have been met  
and only if  
needed to  
complete  
community  
college's  
associate degree  
requirements.

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**Required Credits      65**

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>