MURRAY STATE COLLEGE

Associate of Science in Agriculture
Biochemistry and Molecular Biology (Pre-Med/PreVet) Option
2024-25 Degree Check

Name:	**Completed by:**
ID:	**Date:**

General Education Requirements (37 Credits)	**Credits**	**Grade**	**Semester**	**Notes**
Communication (6 Credits)				
ENG 1113 English Composition I	3			
ENG 1213 English Composition II	3			
History and U.S. Government (6 Credits)				
HST 1483 US History to the Civil War **or** HST 1493 US History since the Civil War	3			
GVT 1113 American Federal Government	3			
Science (8 Credits)				
BIO 1114 General Biology **or** other lab science course	4			
CHM 1114 General Chemistry I	4			
Humanities (6 Credits)				
	3			
	3			
Mathematics (3 Credits)				
MTH 1513 Precalculus (Algebra)	3			
Liberal Arts (3 Credits)				
PSY 1113 Introductory Psychology **or** any Area 6 course from the college catalog	3			
General Education Electives (4-5 Credits) See catalog for a list of courses.				
Completed HS computer course: ☐ If student did not complete a high school computer course, at least one elective or program course must have a CIS or CS prefix.				
Student Success (1 Credit) For first-time freshmen				
COL 1211 Success Strategies	1			

Program Requirements (23 Credits)	**Credits**	**Grade**	**Semester**	**Notes**
Program Core (11 Credits)				
AG 1124 Introduction to Animal Science	4			
AG 1214 Introduction to Plant Science	3			
AG 1113 Introduction to Ag Economics	3			
AG 2011 Topics in Agriculture	1			
Recommended Program Electives (12 Credits)				
BOT 1114 General Botany	4			
CHM 1214 General Chemistry II	4			
PHY 1114 General Physics I	4			
PHY 1214 General Physics II	4			
MIC 2224 Introduction to Microbiology	4			

Substitutions must be approved by Program Chair

Total Credit Hours Required: 60 ☐ **15 hours at MSC** ☐ **Min 2.0 GPA** ☐ **Computer Course** ☐ **Min 37 Hours in Gen Ed Core** ☐