

# Viticulture

## Associate of Applied Science in Viticulture

The Associate of Applied Science in Viticulture is designed to prepare students for a career in horticulture and grape growing. This academic guide is based on the 2024-2025 Missouri State University-West Plains Catalog. The time to complete the degree will vary, depending on remediation, summer enrollment, number of classes taken per semester, etc.

### Degree Requirements

General Education Requirements		Credit Hours
BIO 101 Biology in Your World		3
BIO 111 Understanding Biological Systems Through Inquiry		1
CIS 101 Computers for Learning		3
ENG 110 Writing I		3
IDS 110 Student Success		2
MTH 100 Intermediate Applied Algebra or higher		3
<b>Physics: Select three (3) credit hours</b>		
PHY 100 Survey of Physics with Laboratory		3
VIN 106 Physics for the Wine Industry		
<b>Civics: Select three (3) credit hours</b>		
HST 121 Survey of US History to 1877		
HST 122 US History Since 1877		3
PLS 101 American Democracy and Citizenship		
<b>Communications / Writing II: Select six (6) credit hours</b>		
COM 115 Fundamentals of Public Speaking		
ENG 221 Writing II: Writing for the Professions		6
MGT 286 Business Communication		
<b>General Education Total</b>		<b>27</b>
Agriculture Business Requirements		Credit Hours
AGR 112 Introduction to Agricultural Business		3
QBA 237 Basic Business Statistics		3
<b>Agriculture Business Total</b>		<b>6</b>
Viticulture Requirements		Credit Hours
VIN 111 Introduction to Viticulture and Vineyard Establishment		3
VIN 112 Botanical Viticulture		4
VIN 211 Integrated Pest Management		2
VIN 212 Winter Viticulture Technology		2
VIN 213 Regional Vineyard Management		2
VIN 214 Spring Viticulture Technology		2
VIN 215 Summer/Fall Viticulture Technology		2
VIN 293 Soils for Viticulture		3
<b>Chemistry: Select VIN 105; or CHM 116 and CHM 117</b>		
VIN 105 Molecular Principles of Grape and Wine		
CHM 116 Fundamentals of Chemistry and		4
CHM 117 Fundamentals of Chemistry Lab		
<b>Enology Elective: Select three (3) credit hours</b>		
VIN 146 Introduction to Enology		3
VIN 266 Sensory Evaluation		
<b>Viticulture Total</b>		<b>27</b>
<b>Total Hours Required</b>		<b>60</b>

#### Degree Notes:

- Math requirements exclude MTH 197 or MTH 297.
- Students are required to complete a minimum of three (3) credit hours of math, regardless of placement.
- Electives must be approved by the department.
- Students should confirm the transferability of courses with their transfer university before completing courses at MSU-WP.
- Some VIN courses are not eligible for Missouri A+ funding.
- Students must register for VIN classes through the VESTA portal at <https://www.vesta-usa.org/Students>

### Recommended Two-Year Plan

	Course #	Credit
Term 1 (Fall)	CIS 101	3
	IDS 110	2
	VIN 105	4
	VIN 111	3
	VIN 293	3
	<b>Total</b>	<b>15</b>

	Course #	Credit
Term 2 (Spring)	BIO 101	3
	BIO 111	1
	<b>ENG 110</b>	<b>3</b>
	VIN 112	4
	VIN 211	2
	VIN 212	2
	VIN 214	2
	<b>Total</b>	<b>17</b>
<b>Milestone: Complete ENG 110</b>		

	Course #	Credit
Term 3 (Fall)	AGR 112	3
	COM 115, ENG 221, MGT 286	3
	VIN 106	3
	VIN 146 OR VIN 266	3
	VIN 213	2
	VIN 215	2
	<b>Total</b>	<b>16</b>

	Course #	Credit
Term 4 (Spring)	COM 115/ENG 221/MGT 286	3
	MTH 100	3
	CIVICS	3
	QBA 237	3
	<b>Total</b>	<b>12</b>
<b>Milestone: Apply to graduate.</b>		

#### Milestone Notes:

- Milestones are a major step in the completion of the degree. Each milestone must be met in order to advance to the next stage of education.
- Milestone courses should be completed in the designated semester.
- All milestone courses must be completed with a C or higher.
- Students are encouraged to apply for graduation early in their last semester.

#### For More Information, Contact

Dr. Brenda Smith, VESTA Program Coordinator  
 Telephone: 417-255-7736  
 Email: [BrendaSmith@MissouriState.edu](mailto:BrendaSmith@MissouriState.edu)