

AA in Health Professions

Pre-Optometry Pathway

Program Description: The Associate of Arts in Health Professions is a transfer degree and contains the Missouri Higher Education Core Transfer Curriculum (Core 42), including specific general education and elective courses needed to facilitate transfer. This academic guide is based on the 2025-2026 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

Written Communications		Credit Hours
ENG 110 Writing I		3
ENG 221 Writing II: Writing for the Professions		3
Oral Communications		Credit Hours
COM 115 Fundamentals of Public Speaking		3
Mathematical Sciences		Credit Hours
MTH 130 Contemporary Mathematics or		3
MTH 136 Pre-Calculus I: Algebra (<i>recommended</i>)		3
Natural Sciences		Credit Hours
BIO 121 General Biology I (Fall) (<i>recommended</i>) or		4
BMS 110 Human Biology		
CHM 116/117 Fundamentals of Chemistry with Lab or		5
CHM 160/161 General Chemistry I with Lab (<i>recommended</i>)		
Social and Behavioral Science		Credit Hours
PSY 121 Introduction to Psychology		3
Civics: Select three (3) credit hours		
PLS 101 American Democracy and Citizenship or		
HST 121 Survey of US History to 1877 or		3
HST 122 Survey of US History Since 1877		
Humanities and Fine Arts		Credit Hours
PHI 115 Introduction to Ethics		3
SPN 101 Elementary Spanish		3
Additional Core 42 Humanities and Fine Arts		3
Additional Core 42 Requirements		Credit Hours
Core 42 Elective		3
Core 42 Elective		3
Institutional Requirements		Credit Hours
IDS 110 Student Success		1 - 3
IDS 115 Career Exploration		1
AAHP Program Requirements		Credit Hours
BMS 267 Human Anatomy		4
BMS 268 Human Physiology		4
Pathway Electives		7
Total Hours Required		60

Recommended Pathways Electives:

Statistics: MTH 240, QBA 237, PSY 200	3
BIO 122 General Biology II w Lab (<i>recommended</i>)	4
BIO 210 Elements of Microbiology w Lab	3
MTH 137 Pre-Calculus 2: Trigonometry	3
MTH 261 Analytic Geometry and Calculus I	5
PHY 123 Introduction to Physics I	4
CHM 170 General Chemistry II	4
CHM 171 General Chemistry II Laboratory	1

Approved Science Electives:

ALH 116 Medical Terminology*	3
BMS 231 Human Genetics w/Laboratory (Spring)	4
BIO 122 General Biology II (Spring)	4
BIO 197 Selected Topics in Biology (Instructor permission)	1-4
BIO 210 Elements of Microbiology w/ Laboratory	3
BIO 235 Genetics (Spring)	4
CHM 170 General Chemistry II (Spring)	4
CHM 171 General Chemistry II Laboratory (Spring)	1
CHM 200 Essentials of Organic Chemistry (Demand)	5
CIS 101 Computers for Learning	3
IDS 297 International Culture and Study Abroad (Instructor permission)	3
KIN 210 Healthy Lifestyles: Preventative Approaches	3
MTH 137 Pre-Calculus 2: Trigonometry	3
MTH 261 Analytic Geometry and Calculus I	5
MTH 280 Analytic Geometry and Calculus II (Fall)	5
MTH 240 Statistical Methods (Spring)	3
PSY 200 Psychological Statistical Methods (Spring)	3
PSY 274 Abnormal Psychology (Demand)	3
QBA 237 Basic Business Statistics	3
PHY 100 Survey of Physics with Laboratory	4
PHY 102 Survey of Physics (Demand)	3
PHY 123 Introduction to Physics I (Demand)	4

Recommended Two-Year Plan

Term 1 (Fall)	Course #	Credit Hours
	IDS 110	1 - 3
	IDS 115	1
	ENG 110	3
	BMS 110 or BIO 121	4
	PSY 121	3
	Civics	3
		15-17
	Milestone: ENG 110 and Natural Sciences	
Term 2 (Spring)	Course #	Credit Hours
	CHM 160 or CHM 116	4
	CHM 161 or CHM 117	1
	Pathway Elective	4-5
	MTH	3
	BMS 267	4
		16-17
	Milestone: CHM w Lab	
Term 3 (Fall)	Course #	Credit Hours
	COM 115	3
	ENG 221	3
	BMS 268	4
	Humanities and Fine Arts	3
	Core 42 Elective	3
		16
Term 4 (Spring)	Course #	Credit Hours
	Core 42 Elective	3
	Pathway Elective	3-5
	Humanities and Fine Arts	3
	Humanities and Fine Arts	3
		12-14

*Notes: It is recommended to enroll ALH 116 with BMS 110 or before.
Milestones: pre-requisites for advanced courses

For More Information, Contact

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