



PATHWAYS



**YOUR MAP TO
COMPLETION for
2025-2026**

General Studies with Concentration in Programming Associate in Science/Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	ORI 110	Freshman Seminar	1	Fa Sp Su	V
	ART 100*	Art Appreciation	3	Fa Sp Su	II
	ENG 101	English Composition I	3	Fa Sp Su	I
	HIS 101*	Western Civilization I	3	Fa Sp Su	IV
	MTH 112	Precalculus Algebra	3	Fa Sp Su	III
Semester 2	ECO 231*	Principles of Macroeconomics	3	Fa Sp Su	IV
	ENG 102	English Composition II	3	Fa Sp Su	I
	HIS 102*	Western Civilization II	3	Fa Sp Su	IV
	MTH 113	Precalculus Trigonometry	3	Fa Sp Su	V
Semester 3	BIO 103*	Principles of Biology I	4	Fa Sp Su	III
	MTH 125	Calculus I	4	Fa Sp Su	V
	CHM 111*	**College Chemistry I	4	Fa Sp Su	III
Semester 4	HUM 101*	Introduction to Humanities I	3	Fa Sp Su	II
	ENG 251*	American Literature I	3	Fa Sp Su	II
	MTH 126	Calculus II	4	Fa Sp Su	V
	PSY 200*	General Psychology	3	Fa Sp Su	IV
Semester 5	BIO 104*	Principles of Biology II	4	Fa Sp Su	V
	CIS 251	C++ Programming	3	Fa Sp	V
	IDS 102*	Ethics	3	Fa Sp Su	II
	MTH 227	Calculus III	4	Fa Sp Su	V
Programming AS TOTAL HOURS 64					
General Education Short-Term Certificate TOTAL HOURS 29					

*May be substituted per Advisor's approval

** Recommended Natural Science Elective

WALLACE STATE
HANCEVILLE • ONEONTA