



PATHWAYS



**YOUR MAP TO
COMPLETION for
2024-2025**

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