



PATHWAYS



YOUR MAP TO
COMPLETION for
2022-2023

General Studies With Concentration in Pre-Engineering Associate in Science / Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semester Offered	Area
Semester 1	ORI 110	Freshman Seminar	1	Fa Sp Su	Required V
	ENG 101	English Composition I	3	Fa Sp Su	Required I
	MTH 125	Calculus I	4	Fa Sp Su	Required III
	*HIS 201	United States History I	3	Fa Sp Su	Required IV
	*MUS 101	Music Appreciation	3	Fa Sp Su	Required II
	*CIS 251	C++ Programming	3	Fa Sp Su	Required V
Semester 2	ENG 102	English Composition II	3	Fa Sp Su	Required I
	MTH 126	Calculus II	4	Fa Sp Su	Required III
	*HIS 202	United States History II	3	Fa Sp Su	Required IV
	*PSY 200	General Psychology	3	Fa Sp Su	Required IV
	*PHL 206	Ethics and Society	3	Fa Sp Su	Required II
Semester 3	*ENG 251	American Literature I	3	Fa Sp Su	Required II
	CHM 111	Chemistry I	4	Fa Sp Su	Required III
	PHY 213	Physics with Calculus I	4	Fa Sp Su	Required III
	MTH 227	Calculus III	4	Fa Sp Su	Required III
Semester 4	*ENG 252	American Literature II	3	Fa Sp Su	Required II
	CHM 112	Chemistry II	4	Fa Sp Su	Required III
	PHY 214	Physics and Calculus II	4	Fa Sp Su	Required III
	*SOC 200	Introduction to Sociology	3	Fa Sp Su	Required IV
Pre- Engineering AS TOTAL HOURS 62					
General Education Short-Term Certificate TOTAL HOURS 29					

*May be substituted per advisor's approval

**For all Engineering majors, Area II and Area IV may be reduced to 9 credit hours; the recommended substitutions for these courses include but not limited to MTH 237 and MTH 238

For Assistance with Financial Aid: <http://www.wallacestate.edu/financial-aid>

For transfer information to a four-year school: <http://stars.troy.edu/>