

**Program to Program Articulation Agreement for Joint Admissions
between Holyoke Community College and Westfield State College**

**Holyoke Community College
A.S. in Arts and Science: Chemistry Option**

**Westfield State College
B.S. in General Science**

Chemistry Option

Program requirements:

Secondary School Licensure in Chemistry (8-12)

Course equivalencies and additional major requirements:

		<i>Credits:</i>			<i>Credits:</i>
ENG 101	Language & Literature I (A)	3	ENGL 0101	English Composition I	3
ENG 102	Language & Literature II (A)	3	ENGL 0102	English Composition II	3
	Humanities ©	3		Literature/Phil. Analysis Core selections	3
	Humanities ©	3		and/or	3
	Humanities ©	3		Appreciation of the Arts Core selections	3
PHS 111	Physics for Engineering/Science Majors I	4	PHYS 0119	Physics I	4
PHS 112	Physics for Engineering/Science Majors II	4	PHYS 0121	Physics II	4
MTH 111	Analytic Geometry & Calculus I	4	MATH 0105	Calculus I	4
MTH 112	Analytic Geometry & Calculus II	4	MATH 0106	Calculus II	4
CHM 113/121	Principles of Chemistry I/Inorganic Chemistry	4	CHEM 0109	General Chemistry I	4
CHM 114/124	Principles of Chemistry II/Inorganic Chemistry	4	CHEM 0111	General Chemistry II	4
	& Qualitative Analysis				
	Social Science (B)	3		Social Science Core selection	3
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	Social Science (B)	3		Social Science Core selection	3
CHM 121	Organic Chemistry I	4	CHEM 0201	Organic Chemistry I	4
CHM 222	Organic Chemistry II	4	CHEM 0203	Organic Chemistry II	4
Suggested Electives:		4 to 6			4 to 6
	See current HCC catalog for list of applicable electives				

TOTAL credits completed toward the B.S. degree

TOTAL credits required for the B.S. degree

120
60 to 62