

**Program to Program Articulation Agreement for MassTransfer
between Holyoke Community College and Westfield State University**

Holyoke Community College			Westfield State College		
A.S. in Arts and Science: Chemistry Option			B.S. in General Science		
<u>MassTransfer Block requirements:</u>			<i>Secondary School Licensure in Chemistry (8-12)</i>		
<i>Program requirements:</i>			<i>Course equivalencies and additional major requirements:</i>		
		<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
	Social Science (B)	3		Social Science Core selection	3
	Social Science (B)	3		Social Science Core selection	3
	Social Science (B)	3		Social Science Core selection	3
	Humanities (C)	3		Lit & Phil Analysis Core selections (LP,	3
	Humanities (C)	3		and/or	3
	Humanities (C)	3		ARTS Appreciation Core selections (A	3
PHS 111	Physics for Engineering/Science Major	4	PHSC 0125	Physics I	4
PHS 112	Physics for Engineering/Science Major	4	PHSC 0127	Physics II	4
MTH 113	Analytic Geometry & Calculus I (D	4	MATH 0105	Calculus I	4
<u>MassTransfer Block credit total:</u>		36			
MTH 114	Analytic Geometry & Calculus II (I	4	MATH 0106	Calculus II	4
CHM 113/121	Prin of Chemistry I/Inorganic Chemist	4	CHEM 0109	General Chemistry I	4
CHM 114/124	Prin of Chemistry II/Inorganic Chemis	4	CHEM 0111	General Chemistry II	4
	& Qualitative Analysis (D				
CHM 121	Organic Chemistry I (D)	4	CHEM 0201	Organic Chemistry I	4
CHM 222	Organic Chemistry II (D)	4	CHEM 0203	Organic Chemistry II	4
Suggested Electives:		4 to 6		General Electives	4 to 6
<i>See current HCC catalog for list of applicable electives</i>					
<u>TOTAL credits completed toward the B.S. degree</u>			60 to 62		
			TOTAL credits required for the B.S. degree 120		

Note 1: It is recommended that HCC students consult the current HCC-WSU course equivalency guide to choose at least 1 Humanities course that fulfills WSU's Lit & Phil Analysis (LPA) requirement & 1 Humanities course that fulfills WSU's Arts Appreciation (AAPP) requirement. The guide is available online at: www.westfield.ma.edu/ceg

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