## **Articulation Agreement Bachelor of Science in Biology (2013/2014)**

This guide is for informational purposes and does not constitute an agreement between the college and the student. Students should consult a CSM academic advisor for more information.

Courses Taken at IWCC		Courses To Be Taken at CSM	
IOWA WESTERN COMMENTY COLLEGE		SAINT MARY	
MAJOR COURSEWORK	Credits	MAJOR COURSEWORK	Credits
Microbiology Transfer	64	BIO 250/251 or BIO 266/267	4
BIO 112 General Biology I		BIO 330/331 Genetics	4
BIO 113 General Biology II		BIO 473 Capstone	4
		MAJOR ELECTIVES	
		BIO 310/311 OR BIO 312/313 OR BIO	18
		265 OR BIO 268/269 OR BIO 340/341	
		OR BIO 345 OR BIO 364 OR BIO 366	
		OR BIO 390 OR BIO 400 OR BIO 465	
		OR CHM 220/221	
SUPPORTING COURSES		SUPPORTING COURSES	
CHM 166 General Chemistry I		PHY 202/203 General Physics	4
CHM 176 General Chemistry II		PHY 204/205 General Physics II	4
CHM 263 Organic Chemistry I		MTH 114	3
CHM 273 Organic Chemistry II		MTH 115	3
		MTH 242 or higher	3
		TOTAL	47
GENERAL EDUCATION	Credits	GENERAL EDUCATION	Credits
ENG 105 Composition		LIDS (History)	3
ENG 105 Composition SPC 112 Public Speaking		HPS (History) PSY 101 Introduction to Psychology	3
ENG 106 Composition II		PHL (Philosophy)	3
PHI 105 Intro to Ethics		Fine Arts (Art, Music, Theatre)	3
Social Science elective		THL (Theology)	6
Social Science elective		Global Cultural Diversity	3
		Giodai Culturai Diversity	3
TOTAL IWCC CREDITS	64	TOTAL CSM CREDITS	68

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IWCC Contact: Brian Berthelsen, Biological Sciences, 712-388-6871, bberthelsen@iwcc.edu

CSM Bachelor degrees require a minimum of 128 credits. Transfer students must complete a minimum of 15 credits in the major and 30 credits overall at CSM. Developmental courses do not count toward degree requirements. A maximum of 64 credits may be transferred from a two-year college.