



## Articulation Agreement Bachelor of Science in Chemistry (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	
			
MAJOR COURSEWORK	Credits	MAJOR COURSEWORK	Credits
<b>Associate of Science in Chemistry</b>	64	CHM 220/221 Analytical Chemistry	5
CHM 166 General Chemistry		CHM 340/341 Biochemistry	5
CHM 176 General Chemistry II		CHM 361/362 Instru. Analysis	4
CHM 263 Organic Chemistry I		CHM 450/451 Physical Chemistry	5
CHM 273 Organic Chemistry II		CHM 473 Research	4
		CHM 495 Seminar	2
SUPPORTING COURSES		SUPPORTING COURSES	
MAT 211 Calc I		MTH elective (Stats or Biostatistics)	3
MAT 217 Calc II		MTH or SCI elective (300 or 400 level)	3
PHY 210/211 Physics I			
PHY 220/221 Physics II			
		<b>MINOR OR SUPPORTING FIELD</b>	<b>18</b>
		<b>TOTAL</b>	<b>49</b>
GENERAL EDUCATION	Credits	GENERAL EDUCATION	Credits
ENG 105 Composition		Life or environmental Science	4
SPC 112 Public Speaking		PHL 200 Moral Reasoning	3
ENG 106 Composition II		HPS (History)	3
Social Science elective		PSY 101 Introduction to Psychology	3
		PHL (Philosophy)	3
		Fine Arts (Art, Music, Theatre)	3
		THL (Theology)	6
		Global Cultural Diversity	3
<b>TOTAL IWCC CREDITS</b>	<b>64</b>	<b>TOTAL CSM CREDITS</b>	<b>77</b>

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IWCC Contact: Brian Berthelsen, Chair, Biological Sciences, 712-388-6871, [bberthelsen@iwcc.edu](mailto: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.