

# Laboratory Science

				<i>Courses with Intensive Designation</i>	
<i>Course Number</i>	<i>Course Name</i>	<i>Credits</i>	<i>Comments</i>	<i>CORE SKILL I</i>	<i>ADD. CORE SKILLS</i>
<b>REQUIREMENTS:</b>					
CHM121	General Chemistry I	4	Corequisite MAT120 or higher Prerequisite CHM111 or SCI105	SCIENCE & TECH	QUANTITATIVE REASONING
CHM201	Introduction to Organic & Biochemistry	4	Prerequisite CHM121, minimum grade of C and SCI106 or BIO220 with a C or better	SCIENCE & TECH	INFORMATION LITERACY
CHM203	Instrumental Analysis	4	Prerequisite MAT120 or higher, Minimum grade of C and SCI106 or CHM122 with C or better, CIS110 or higher	SCIENCE & TECH	INFORMATION LITERACY
CIS110	Computer Applications	3		SCIENCE & TECH	
ENG101	English Composition I	3			
MAT125	Statistics	4	Prerequisite MAT120 or higher with C or better	QUANTITATIVE REASONING	
SCI100	Basic Lab Calculations	1			
SCI103	Success in Science Seminar	1			
SCI104	Topics in Laboratory Science	3		SCIENCE & TECH	PUBLIC PRESENTATION
SCI105	Integrated Science I	4	Corequisite SCI100	SCIENCE & TECH	
SCI106	Integrated Science II	4	Prerequisite SCI105 with C or better	SCIENCE & TECH	
SCI281	Research Experience in Laboratory Science	4	Co-requisite – choose one of the following: CHM280, ERS280, BIO280; prerequisite CHM201, CHM203, and ENG101 with C or Better	SCIENCE & TECH	WRITTEN COMMUNICATION
SCI291  <b>OR</b>	Externship in Laboratory Science I	3	Prerequisite for SCI291: CHM201 CHM203 and SCI104 with a C or better;  Co-requisite for SCI291: SCI281 Students who take the 3-credit externship must take an extra 3-credit elective in	SCIENCE & TECH	

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			<i>order to graduate</i>		
SCI292	<i>Externship in Laboratory Science II</i>	6	<i>Prerequisite for SCI292: CHM201 CHM203 and SC104 with a C or better;</i>  <i>Co-requisite for SCI292: SCI281 Students who take the 3-credit externship must take an extra 3-credit elective in order to graduate</i>	SCIENCE & TECH	
<b>ANALYTICAL CHEMISTRY CONCENTRATION</b>					
CHM280	<i>Research Seminar in Analytical Chemistry</i>	1	<i>Co-requisite – SCI281; prerequisite CHM203 and ENG101</i>	SCIENCE & TECH	
<b>BIOTECHNOLOGY CONCENTRATION</b>					
BIO280	<i>Research Seminar in Biotechnology</i>	1	<i>Co-requisite – SCI281; prerequisite CHM203 and ENG101</i>	SCIENCE & TECH	
<b>ENVIRONMENTAL SCIENCES CONCENTRATION</b>					
ERS280	<i>Research Seminar in Environmental Science</i>	1	<i>Co-requisite – SCI281; prerequisite CHM203 and ENG101SCI281</i>	SCIENCE & TECH	
<b>ELECTIVES:</b>					
	<i>General Education Elective</i>	3	<i>Recommended Social Science Elective</i>	<b>GLOBAL AWARENESS –</b> <b>ANT101, ECO202, GEO101, GOV102, HIS111, HIS112, HIS121, HIS122, HIS203, HIS221, HIS223, HIS243</b>	<b>INFORMATION LITERACY – HIS216, HIS243, HIS253, HIS255, PSY202</b>  <b>PUBLIC PRESENTATION – HIS223, PSY206</b>  <b>QUANTITATIVE REASONING – ECO201 AND ECO202</b>  <b>WRITTEN COMMUNICATION – GOV102 ONLY</b>
	<i>General Education Elective</i>	3	<i>Recommended Humanities Elective Recommended ENG102 for students planning to transfer</i>	<b>Choices to be identified by program</b>	<b>GLOBAL AWARENESS – ART104, ART105, ART109, ART231, CHN101, DAN147, FRN101, FRN102, FRN201, FRN202, GER101,</b>

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				<p><b>GER102, ITN101, ITN102, LIT224, LIT263, LIT271, LIT272, MUS112, REL101, SPN105, SPN111, SPN112, SPN201, SPN202, SPN221, SPN222, THE101</b></p> <p><b>INFORMATION LITERACY – ART104, ART105, ASL203, JRN101</b></p> <p><b>PUBLIC PRESENTATION – ART108, ART109, ART130, COM111, COM115, DAN203, LIT262, LIT271, THE110, THE113</b></p> <p><b>SCIENCE &amp; TECH-ART152</b></p> <p><b>WRITTEN COMMUNICATION – ART104, ART105, DAN131, ENG103, ENG111, ENG113, ENG115, ESL115, LIT202, LIT211, LIT212, LIT213, LIT215, LIT224, MUS224</b></p>
	<i>General Education Elective</i>	3	<i>Recommended Humanities Elective</i>	<p><b>GLOBAL AWARENESS – ART104, ART105, ART109, ART231, CHN101, DAN147, FRN101, FRN102, FRN201, FRN202, GER101, GER102, ITN101, ITN102, LIT224, LIT263, LIT271, LIT272, MUS112, REL101, SPN105, SPN111, SPN112, SPN201, SPN202, SPN221, SPN222, THE101</b></p> <p><b>INFORMATION LITERACY – ART104, ART105, ASL203, JRN101</b></p> <p><b>PUBLIC PRESENTATION – ART108, ART109, ART130, COM111, COM115, DAN203,</b></p>

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					<p><i>LIT262, LIT271, THE110, THE113</i></p> <p><b>SCIENCE &amp; TECH-ART152</b></p> <p><b>WRITTEN COMMUNICATION – ART104, ART105, DAN131, ENG103, ENG111, ENG113, ENG115, ESL115, LIT202, LIT211, LIT212, LIT213, LIT215, LIT224, MUS224</b></p>
	<i>Math Elective</i>	<i>3/4</i>	<i>MAT120 or higher required</i>	<p><b>QUANTITATIVE REASONING – MAT122, MAT125, MAT130, MAT140, MAT251</b></p>	
	<i>Science Elective</i>	<i>4</i>	<i>Recommended BIO215, BIO220, BIO230, ERS125</i>	<p><b>SCIENCE &amp; TECH – BIO101, BIO102, BIO103, BIO104, BIO108, BIO111, BIO112, BIO115, BIO121, BIO122, BIO215, BIO220, BIO230, BIO280, CHM111, CHM121, CHM122, CHM201, CHM203, CHM280, ERS110, ERS125, ERS130, ERS135, ERS280, PHS131, PHI32, SCI104, SCI105, SCI106, SCI112, SCI281, SCI291, SCI292</b></p>	<p><b>INFORMATION LITERACY – BIO108, BIO220, CHM201, CHM203</b></p> <p><b>PUBLIC PRESENTATION – SCI104</b></p> <p><b>QUANTITATIVE REASONING – BIO111, BIO121, BIO122, CHM111, CHM121, CHM122</b></p> <p><b>WRITTEN COMMUNICATION – SCI281</b></p>