



Biology Major

The following Contra Costa College courses are currently being accepted as fulfilling lower division STEM major requirements at Saint Mary's College.

<u>Saint Mary's Courses</u>	<u>CCC Courses</u>	<u>Title</u>	<u>Units</u>
ENGL 4	ENGL 1A	Composition and Reading	4
ENGL 5	ENGL 2B	Critical Thinking Through Literature	4
MATH 27	MATH 190	Analytic Geometry and Calculus I	5
MATH 28	MATH 191	Analytic Geometry and Calculus II	4
CHEM 8 & 9	CHEM 120	General College Chemistry I	5
CHEM 10 & 11	CHEM 121	General College Chemistry II	5
PHYSI 10 & 10L	PHYS 120 or 120H	General College Physics I	4
PHYSI 11 & 11L	PHYS 121 or 121H	General College Physics II	4
or	or		
PHYSI 1 & 2	PHYS 130	General Physics I	4
PHYSI 3 & 4	PHYS 230	General Physics II	4
BIOL 1 & 1L	BIOSC 147	Cell and Molecular Biology	4
BIOL 2 & 2L	BIOSC 145	Organismal Biology	4
CHEM 104 & 104L	CHEM 226	Organic Chemistry I	5
CHEM 106 & 106L	CHEM 227	Organic Chemistry II	5

A transfer student must present a record with a minimum of 23 transferable semester units and a minimum GPA of 2.0 for admission to Saint Mary's College. To transfer with junior status a student should have 60 or more transferable units. All courses must be passed with a grade of "C-" or higher to be considered transferable. Students at Saint Mary's College of California are required to complete a minimum of 36 course credits (Approximately 120 semester units) toward a Bachelor's Degree. California Community College credits are accepted at the rate of 30 semester units = 45 quarter units = (9 COURSE CREDITS).

Approved By: Craig Means, Associate Dean of Transfer Admissions

Updated: September 2018



Chemistry Major

The following Contra Costa College courses are currently being accepted as fulfilling lower division STEM major requirements at Saint Mary's College.

<u>Saint Mary's Courses</u>	<u>CCC Courses</u>	<u>Title</u>	<u>Units</u>
ENGL 4	ENGL 1A	Composition and Reading	4
ENGL 5	ENGL 2B	Critical Thinking Through Literature	4
CHEM 8 & 9	CHEM 120	General College Chemistry I	5
CHEM 10 & 11	CHEM 121	General College Chemistry II	5
MATH 27	MATH 190	Analytic Geometry and Calculus I	5
MATH 38	MATH 191	Analytic Geometry and Calculus II	4
MATH 39	MATH 290	Analytic Geometry and Calculus III	5
PHYSI 1 & 2	PHYS 130	General Physics I	4
PHYSI 3 & 4	PHYS 230	General Physics II	4
CHEM 104 & 104L	CHEM 89	No Equivalent	
CHEM 106 & 106L	CHEM 226	Organic Chemistry I	5
	CHEM 227	Organic Chemistry II	5

For the Environmental Concentration in Chemistry:

CHEM 8 & 9	CHEM 120	General College Chemistry I	5
CHEM 10 & 11	CHEM 121	General College Chemistry II	5
MATH 27	MATH 190	Analytic Geometry and Calculus I	5
MATH 38	MATH 191	Analytic Geometry and Calculus II	4
PHYSI 10 & 10L	PHYS 120 or 120H	General College Physics I	4
PHYSI 11 & 11L	PHYS 121 or 121H	General College Physics II	4
BIOL 1 & 1L	BIOSC 147	Cell and Molecular Biology	4
BIOL 2 & 2L	BIOSC 145	Organismal Biology	4
CHEM 89	No Equivalent		
CHEM 104 & 104L	CHEM 226	Organic Chemistry I	5
CHEM 106 & 106L	CHEM 227	Organic Chemistry II	5

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Updated: September 2018



Mathematics Major

The following Contra Costa College courses are currently being accepted as fulfilling lower division STEM major requirements at Saint Mary's College.

<u>Saint Mary's Courses</u>	<u>CCC Courses</u>	<u>Title</u>	<u>Units</u>
ENGL 4	ENGL 100	College Composition	4
ENGL 5	ENGL 2B	Critical Thinking Through Literature	4
MATH 27	MATH 190	Analytic Geometry and Calculus I	5
MATH 38	MATH 191	Analytic Geometry and Calculus II	4
MATH 39	MATH 290	Analytic Geometry and Calculus III	5
MA/CS 21	COMP 251	Fundamentals of Comp Science C++	4
PHYSI 1 & 2	PHYS 130	General Physics I	4
PHSYI 3 & 4	PHYS 230	General Physics II	4
or			
CHEM 8 & 9	CHEM 120	General College Chemistry I	5
CHEM 10 & 11	CHEM 121	General College Chemistry II	5

A transfer student must present a record with a minimum of 23 transferable semester units and a minimum GPA of 2.0 for admission to Saint Mary's College. To transfer with junior status a student should have 60 or more transferable units. All courses must be passed with a grade of "C-" or higher to be considered transferable. Students at Saint Mary's College of California are required to complete a minimum of 36 course credits (Approximately 120 semester units) toward a Bachelor's Degree. California Community College credits are accepted at the rate of 30 semester units = 45 quarter units = (9 COURSE CREDITS).

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Updated: September 2018



Physics Major

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<u>Saint Mary's Courses</u>	<u>CCC Courses</u>	<u>Title</u>	<u>Units</u>
ENGL 4	ENGL 1A	Composition and Reading	4
ENGL 5	ENGL 2B	Critical Thinking Through Literature	4
PHYSI 1 & 2	PHYS 130	General Physics I	4
PHSYI 3 & 4	PHYS 230	General Physics II	4
PHYSI 60	No Equivalent		
MATH 27	MATH 190	Analytic Geometry and Calculus I	5
MATH 28	MATH 191	Analytic Geometry and Calculus II	4
MATH 39	MATH 290	Analytic Geometry and Calculus III	5

A transfer student must present a record with a minimum of 23 transferable semester units and a minimum GPA of 2.0 for admission to Saint Mary's College. To transfer with junior status a student should have 60 or more transferable units. All courses must be passed with a grade of "C-" or higher to be considered transferable. Students at Saint Mary's College of California are required to complete a minimum of 36 course credits (Approximately 120 semester units) toward a Bachelor's Degree. California Community College credits are accepted at the rate of 30 semester units = 45 quarter units = (9 COURSE CREDITS).

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