

La Roche College
CHEMISTRY PROGRAM GUIDE

DEGREE: Bachelor of Science Department: Chemistry

Student Name _____
I.D. Number _____

____ **First Year Student**
 ____ **Change of Major**

____ **Transfer**
 ____ **Readmit**

Unofficial Eval Completed by/date: _____

This is the **unofficial evaluation** of your credits to date including transfer credits (if applicable) in your chosen major. **This evaluation is official when all official transcripts for all previous college work are received; and reviewed and approved for transferability by the Registrar's Office.** Beginning with your first semester of enrollment, your Degree Audit Report in My.LaRoche will automatically track your progress toward your degree, and guide you in planning future class schedules. Review your updated Degree Audit Report with your advisor prior to registering each semester.

PURPOSE: A major in Chemistry is meant to prepare students for graduate work, for admission to a professional school, or for entry in the chemical industry.

- REQUIREMENTS:** To successfully complete the Chemistry major, the following coursework is required:
- 65 credits as listed under "Major Component/Requirements" (46 Chemistry Component credits, (2 in seminar); and 19 Science Component Credits)
 - 37 CORE credits
 - 18 General Elective Credits
 - A minimum number of 120 credits are required for degree, the last 30 of which, and 50% of the major must be earned at La Roche College. (Developmental course work does not count toward the minimum number of required credits for graduation.)

	<u>Credits</u>	<u>Transfer Course #/Comments</u>
<u>MAJOR COMPONENT/REQUIREMENTS: 65 CREDITS</u>		
<u>CHEMISTRY COMPONENTS: 46 CREDITS</u>		
_____ CHEM1001 General Chemistry I	3	_____
_____ CHEM1002 General Chemistry II	3	_____
_____ CHEM1003 General Chemistry I Lab	1	_____
_____ CHEM1004 General Chemistry II Lab	1	_____
_____ CHEM2015 Organic Chemistry I	3	_____
_____ CHEM2015L Organic Chemistry I Lab	1	_____
_____ CHEM2016 Organic Chemistry II	3	_____
_____ CHEM2016L Organic Chemistry II Lab	1	_____
_____ CHEM3011 Analytical Chemistry I	3	_____
_____ CHEM3011L Analytical Chemistry I Lab	1	_____
_____ CHEM3012 Analytical Chemistry II	3	_____
_____ CHEM3012L Analytical Chemistry II Lab	1	_____
_____ CHEM3026 Inorganic Chemistry	3	_____
_____ CHEM4032 Physical Chemistry I	3	_____
_____ CHEM4032L Physical Chemistry I Lab	1	_____
_____ CHEM4033 Physical Chemistry II	3	_____
_____ CHEM4033L Physical Chemistry II Lab	1	_____
_____ CHEM4055 Seminar I	1	_____
_____ CHEM4059 Seminar II	1	_____
_____ CHEM____ Chemistry Elective (2000 level or higher)	3	_____
_____ Chemistry, Science or Math Elective (2000 level or higher)	6	_____
_____ OR CHEM4051 Internship	3-6	_____

SCIENCE COMPONENTS: 19 CREDITS

_____	MATH1032	Analytical Geometry & Calc I	4	Prerequisite for MATH courses: MATH1010
_____	MATH1033	Analytical Geometry & Calc II	4	_____
_____	MATH1040	Probability & Statistics	3	_____
_____	PHYS1032	Physics I	3	_____
_____	PHYS1032L	Physics I Lab	1	_____
_____	PHYS1033	Physics II	3	_____
_____	PHYS1033L	Physics II Lab	1	_____

ACADEMIC CORE CURRICULUM: 37 CREDITS

Fundamentals: 12 Credits

		<u>Credits</u>	<u>Transfer Course #/Comments</u>
_____	ENGL1011	College Writing I	3
_____	ENGL1012	College Writing II	3
_____	ISTC1005	Practical Computer Applications	3
_____	MATH1010	College Algebra	3

La Roche Experience: 4 Credits

_____	LRCX1001	Introduction & History	1
_____	LRCX1002	Diversity/Discrimination	1
_____	LRCX2001	Regions of Conflict	1
_____	LRCX2002	Economic Justice	1

Community/Global: 6 credits (or 6 credits in same Foreign Language)

_____	COMM	Community	3
_____	GLBL	Global	3

Select Courses: 15 credits

18 credits are required with study within each of the following domains. Students can fulfill six domains with four courses (earning a total of 12 credits) by completing "dual-domain" SELECT courses SLDD. Student earns 3 credits only for each dual-domain course. The "lost" 3-6 credits can be fulfilled through a major or general elective. **PLEASE NOTE: Some "Select Courses" may be filled by meeting Major Requirements and if so, will be annotated as such.**

_____	SELECT	Aesthetics (SLAE)	3	_____
_____	SELECT	History (SLHS)	3	_____
_____	SELECT	Literature (SLLT)	3	_____
_____	SELECT	Religion/Philosophy (SLRS)	3	_____
_____	SELECT	Science (SLSC)	0	Fulfilled in major
_____	SELECT	Social and Cultural Systems (SLSO)	3	_____

GENERAL ELECTIVES: 18 credits

<u>Transfer Course #</u>	<u>Credits</u>						
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

FOR REGISTRAR USE ONLY:	<u>TOTAL</u>	<u>Completed</u>	<u>Need</u>	<u>COMMENTS:</u>
Major Component	65	_____	_____	_____
CORE	37	_____	_____	_____
General Electives	18	_____	_____	_____
Accepted in Transfer	_____	_____	_____	_____
La Roche College Credit	_____	_____	_____	_____
Total	120	_____	_____	_____

Registrar Signature _____ Date _____
Advisor Signature _____ Date _____
(When signed by Advisor, all required coursework/credits have been completed for graduation.)