

La Roche College  
**CHEMISTRY PROGRAM GUIDE**  
 DEGREE: Bachelor of Science    Department: Chemistry

Student Name \_\_\_\_\_ First Year Student \_\_\_\_\_ Transfer  
 I.D. Number \_\_\_\_\_ Change of Major \_\_\_\_\_ 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.)

	Credits	Transfer Course #/Comments
<b><u>MAJOR COMPONENT/REQUIREMENTS: 65 CREDITS</u></b>		
<b><u>CHEMISTRY COMPONENTS: 46 CREDITS</u></b>		
_____ 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	_____

**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>						
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

<b>FOR REGISTRAR USE ONLY:</b>	<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.)*