

**La Roche University**  
**CHEMISTRY WITH CONCENTRATION IN FORENSIC SCIENCE 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, 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 with Forensic Science Concentration is meant to prepare students for work in a forensic chemical laboratory, or for graduate study in chemistry.

**REQUIREMENTS:** To successfully complete the Chemistry major, the following coursework is required:

- 86 credits as listed under "Major Component/Requirements" (42 Chemistry Component credits; and 31 Science and Mathematics credits; 13 Criminal Justice credits)
- 37 CORE credits
- A minimum number of 123 credits are required for degree, the last 30 of which, and 50% of the major, must be earned at La Roche University. (Developmental course work does not count toward the minimum number of required credits for graduation.)

<u>Credits</u>	<u>Transfer Course #/Comments</u>	
<b>MAJOR COMPONENT/REQUIREMENTS: 86 CREDITS</b>		
<b>CHEMISTRY COMPONENTS: 42 CREDITS</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	1	_____
_____ CHEM3036 Biochemistry I	3	_____
_____ CHEM3037 Biochemistry I Lab	1	_____
_____ 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	_____
_____ CHEM4060 Forensic Chemistry	3	_____
_____ CHEM4060L Forensic Chemistry Lab	1	_____

**MAJOR COMPONENT/REQUIREMENTS: 86 CREDITS**

**CHEMISTRY COMPONENTS: 42 CREDITS**

_____ 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	1	_____
_____ CHEM3036 Biochemistry I	3	_____
_____ CHEM3037 Biochemistry I Lab	1	_____
_____ 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	_____
_____ CHEM4060 Forensic Chemistry	3	_____
_____ CHEM4060L Forensic Chemistry Lab	1	_____

**SCIENCE AND MATHEMATICS COMPONENTS: 31 CREDITS**

<input type="checkbox"/> BIOL1003	General Biology I	3	
<input type="checkbox"/> BIOL1004	General Biology II	3	
<input type="checkbox"/> BIOL1005	General Biology I Lab	1	
<input type="checkbox"/> BIOL1006	General Biology II Lab	1	
<input type="checkbox"/> MATH1032	Analytical Geometry & Calc I	4	Prerequisite for MATH Courses; MATH1010
<input type="checkbox"/> MATH1033	Analytical Geometry & Calc II	4	
<input type="checkbox"/> MATH1040	Probability & Statistics	3	
<input type="checkbox"/> PHYS1032	Physics I	3	
<input type="checkbox"/> PHYS1032L	Physics I Lab	1	
<input type="checkbox"/> PHYS1033	Physics II	3	
<input type="checkbox"/> PHYS1033L	Physics II Lab	1	
<input type="checkbox"/> BIOL4030	Molecular Biology	3	
<input type="checkbox"/> BIOL4031	Molecular Biology Lab	1	

**CRIMINAL JUSTICE COMPONENET: 13 CREDITS**

<input type="checkbox"/> CRIM1001	Intro. To Criminal Justice	3	
<input type="checkbox"/> CRIM3010	Criminal Law	3	
<input type="checkbox"/> CRIM3041	Criminalistics	4	
<input type="checkbox"/> CRIM3045	Criminal Investigations	3	

**ACADEMIC CORE CURRICULUM – 37 Credits**

<b><u>Foundations of Knowledge: 15 credits</u></b>	<b><u>Credits</u></b>	<b><u>Transfer Course # / Comments</u></b>	
<input type="checkbox"/> ENGL1011	Academic Reading and Writing	3	
<input type="checkbox"/> ENGL1012	Academic Writing and Research	3	
<input type="checkbox"/> ISTD1010	Digital Literacy	3	
<input type="checkbox"/> MATH1010	College Algebra	3	
<input type="checkbox"/> SPCH1010	Oral Communication	3	

**La Roche Experience: 4 credits**

<input type="checkbox"/> LRUX1001	LRX Foundations	1	
<input type="checkbox"/> LRUX2500	LRX Service-Learning	3	

**Breadth of Knowledge: 12 credits**

Courses in a variety of disciplines can fulfill these requirements. Students should use the course search in the My.LaRoche schedule of classes to find courses that fulfill each area students must complete. **PLEASE NOTE: Students are exempt from one area, based on their major.**

<input type="checkbox"/> Natural and Physical World		<u>Fulfilled in Major</u>
<input type="checkbox"/> Human Expression	3	
<input type="checkbox"/> Values and Ethics	3	
<input type="checkbox"/> Social Sciences	3	
<input type="checkbox"/> Global Perspectives	3	

**Depth of Knowledge: 3 credits**

<input type="checkbox"/> INQU Interdisciplinary Inquiry	3	
---	---	--

**Core Electives: 3 credits**

<input type="checkbox"/> Any Breath of Knowledge Area Course –OR– One additional Interdisciplinary Inquiry	3	
---	---	--

**GENERAL ELECTIVES: (if needed) General Elective Credit could be used to do an internship (CHEM4051 1-6 credits).**

**Transfer Course # Credits**

_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

-----

<b>FOR REGISTRAR USE ONLY:</b>	<b>TOTAL</b>	<b>Completed</b>	<b>Need</b>	<b>COMMENTS:</b>
Major Component	86	_____	_____	_____
CORE	37	_____	_____	_____
General Electives	_____	_____	_____	_____
Accepted in Transfer	_____	_____	_____	_____
La Roche University Credit	_____	_____	_____	_____
Total	123	_____	_____	_____

*Registrar Signature* \_\_\_\_\_

Date \_\_\_\_\_