

**La Roche University**  
**HEALTH SCIENCE PROGRAM GUIDE**  
**DEGREE: Bachelor of Arts    Department: Health Science**

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

Unofficial Credit Evaluation 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 Health Science is meant to provide a bridge between study in the natural sciences and the application of science principles to diverse health-related professions.

The B.A. in Health Science combines study in the natural and health sciences with liberal arts study through the Core Curriculum. The health science major also offers substantial general elective credits, which a student can use to add a second major or a minor, or to further one's background in the sciences or liberal arts.

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

- 57 credits as listed under "Major Component/Requirements" (37 credits in Science and Math; 20 credits in Health Science)
- 37 CORE credits
- 26 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 University. (Developmental course work does not count toward the minimum number of required credits for graduation.)

Credits      Transfer Course #/Comments

**MAJOR COMPONENT/REQUIREMENTS: 57 CREDITS**  
**SCIENCE AND MATH COMPONENT: 37 CREDITS**

_____ HSCU1005 Introduction to Health Professions	1	
_____ BIOL1001 Life Science	3	
Or _____ BIOL1003/1005 General Biology I with Lab		
_____ BIOL1015 Microbiology for Health Science with Lab	4	Prerequisite BIOL1001
Or _____ BIOL2025/L Microbiology with Lab		
_____ BIOL1020 Medical Terminology	3	
_____ BIOL1023/L Human Anatomy & Physiology I with Lab	4	
_____ BIOL1024/L Human Anatomy & Physiology II with Lab	4	Prerequisite BIOL1023
_____ CHEM1007/1008 Principles of Chemistry I with Lab	4	
Or _____ CHEM1001/1003 General Chemistry I with Lab		
_____ CHEM1017/1018 Principles of Chemistry II with Lab	4	Prerequisite CHEM1007
Or _____ CHEM1002/1004 General Chemistry II with Lab		
_____ NSCI1025 Normal and Clinical Nutrition	3	
_____ PHYS1010/L Physics for Health Science	4	Prerequisite MATH1010
Or _____ PHYS1032/L Physics I/Lab		
_____ MATH1040 Probability & Statistics <b>OR</b>	3	

**HEALTH SCIENCE COMPONENT: 20 CREDITS**

**Health Science Electives: Choose 18 CREDITS**

_____ HSCU2014 Kinesiology	3	Prerequisite: BIOL1024/L
_____ HSCU3015 Biology of Aging	3	Prerequisite: BIOL1024/L
_____ HSCU3021 Human Pathophysiology I	3	Prerequisite: BIOL1024/L
_____ HSCU3025 Exercise Physiology & Sports Nutrition	3	Prerequisite: BIOL1024/L
_____ HSCU3031 Public Health	3	Prerequisite: BIOL1001 and SOCL1021
_____ HSCU3033 Toxicology	3	Prerequisite: CHEM1017 and BIOL1001
_____ HSCU3041 Human Pathophysiology II	3	Prerequisite: BIOL1024/L
_____ HSCU3045 Pharmacology for Health Science	3	Prerequisite: BIOL1024, BIOL1015, CHEM1017
_____ HSCU3050 Health Assessment in Health Science	3	Prerequisite: BIOL1024/L
_____ HSCU3055 Epidemiology for Health Sciences	3	Prerequisite: BIOL1001, BIOL1015, MATH1040
_____ HSCU3060 Endocrinology for the Health Sciences	3	Prerequisite: BIOL1024/L
_____ HSCU_____	3	Any 3000-level or higher HSCU course
_____ PHIL3027 Biomedical Ethics	3	
_____ PSYC2015 Health Psychology	3	Prerequisite: PSYC1021
_____ PSYC3035 Biological Psychology	3	Prerequisite: PSYC1021
_____ up to 9 credits of additional upper-level Science, Math and Psychology as needed for graduate school pre-requisites		

**Health Science Requirement: 2 CREDITS**

_____ HSCU4055 Health Science Capstone	2	
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**ACADEMIC CORE CURRICULUM – 37 Credits**

	<u>Credits</u>	<u>Transfer Course # / Comments</u>
<b>Foundations of Knowledge: 15 credits</b>		
_____ ENGL1011 Academic Reading and Writing	3	_____
_____ ENGL1012 Academic Writing and Research	3	_____
_____ ISTC1010 Digital Literacy	3	_____
_____ MATH1010 College Algebra	3	_____
_____ SPCH1010 Oral Communication	3	_____
<b>La Roche Experience: 4 credits</b>		
_____ LRUX1001 LRX Foundations	1	_____
_____ LRUX2500 Investigating Social Problems	3	_____
<b>Breadth of Knowledge: 12 credits</b>		
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 <b>PLEASE NOTE: Students are exempt from one area, based on their major.</b>		
_____ Natural and Physical World		Fulfilled in Major
_____ Human Expression	3	_____
_____ Values and Ethics	3	_____
_____ Social Sciences	3	_____
_____ Global Perspectives	3	_____
<b>Depth of Knowledge: 3 credits</b>		
_____ INQU Interdisciplinary Inquiry	3	_____
<b>Core Electives: 3 credits</b>		
_____ Any Breadth of Knowledge Area Course –OR– One additional Interdisciplinary Inquiry	3	_____

**GENERAL ELECTIVES: 26 credits**

**Transfer Course #   Credits**

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

***FOR REGISTRAR USE ONLY:***

	<u>TOTAL</u>	<u>Completed</u>	<u>Need</u>	<u>COMMENTS:</u>
Major Component	57	_____	_____	_____
CORE	37	_____	_____	_____
General Electives	26	_____	_____	_____
Accepted in Transfer	_____	_____	_____	_____
La Roche University Credit	_____	_____	_____	_____
Total	120	_____	_____	

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

Date \_\_\_\_\_

## RECOMMENDED FULL-TIME CURRICULUM SEQUENCE

### YEAR ONE

<i><b>Fall Semester</b></i>	<i><b>Credits</b></i>	<i><b>Spring Semester</b></i>	<i><b>Credits</b></i>
BIOL1023 Human Anatomy and Physiology I with Lab	4	BIOL1024 Human Anatomy and Physiology II with Lab	4
HSCU1005 Intro to the Health Professions	1	ISTC1010 Digital Literacy	3
LRUX1001 LRX Foundations	1	LRUX 2500 Investigating Social Problems	3
BIOL1020 Medical Terminology	3	NSCI1025 Normal and Clinical Nutrition	3
ENGL1011 Reading and Writing	3	ENGL1012 Academic Writing and Information Literacy	3
MATH1010 College Algebra	3		
<b>Total:</b>	<b>15</b>	<b>Total:</b>	<b>16</b>

### YEAR TWO

<i><b>Fall Semester</b></i>	<i><b>Credits</b></i>	<i><b>Spring Semester</b></i>	<i><b>Credits</b></i>
SPCH1001 Oral Communication	3	MATH1040 Probability and Statistics	3
BIOL1001 Life Science	3	Core Breadth of Knowledge (2)	6
General elective	3	General elective	3
CHEM1001 General Chemistry I	3	CHEM1002 General Chemistry II	3
CHEM1003 General Chemistry I Lab	1	CHEM1004 General Chemistry II Lab	1
<b>Total:</b>	<b>13</b>	<b>Total:</b>	<b>16</b>

### YEAR THREE

<i><b>Fall Semester</b></i>	<i><b>Credits</b></i>	<i><b>Spring Semester</b></i>	<i><b>Credits</b></i>
PHYS1010/L Physics for Health Sciences with Lab	4	BIOL1015 Microbiology for Health Science with Lab	4
Health science component (2)	6	Health science component	3
Core Breadth of Knowledge	3	General elective	3
General elective	3	Core Breadth of Knowledge	3
<b>Total:</b>	<b>16</b>	<b>Total:</b>	<b>13</b>

### YEAR FOUR

<i><b>Fall Semester</b></i>	<i><b>Credits</b></i>	<i><b>Spring Semester</b></i>	<i><b>Credits</b></i>
Health science component	3	Health science component (2)	6
Core Elective: Breadth of Knowledge or INQU	3	INQU Interdisciplinary Inquiry	3
General electives (3)	9	General electives (2)	6
<b>Total:</b>	<b>15</b>	HSCU4XXX Health Science Capstone	<b>2</b>
		<b>Total:</b>	<b>17</b>