

**2+2 Agreement: AA in Liberal Arts at Lakes Region Community College and
BS in Chemistry, General Chemistry Option at Plymouth State University**

Years 1 and 2 at Lakes Region Community College

Course ID	Course Title	Credits
<u>Year One</u> at Lakes Region Community College		
ENGL 1200L	College Composition	3-4
	Computer Elective	3-4
	English Elective	3
	Humanities Elective	3
	Liberal Arts Elective	3
	Mathematics Elective	3-4
	Mathematics Elective	3-4
	Science Elective	4
	Social Science Elective	3
	Social Science Elective	<u>3</u>
	Sub-total for Year One at LRCC	31-35
<u>Year Two</u> at Lakes Region Community College		
	Humanities Elective	3
	Humanities Elective	3
	Liberal Arts Elective	3
	Liberal Arts Elective	3
	Liberal Arts Elective	3-4
	Liberal Arts Elective	3-4
	Open Elective	3
	Open Elective	3
	Open Elective	2-3
	Science Elective	4
	Social Science Elective	<u>3</u>
	Sub-total for Year Two at LRCC	<u>31-33</u>
	Total Credits for AA Liberal Arts	64 minimum

Years 3 and 4 at PSU

Course ID	Course Title	Credits
<u>Year Three</u> at PSU		
CH 1050	Laboratory Safety	1
CH 2250	Techniques in Laboratory Chemistry	2
CH 3020	Biochemistry I	4
CH 3370	Organic Chemistry I	4
CH 3380	Organic Chemistry II	4
CH 3400	Instrumental Analysis (TECO)	4
CH 3450	Physical Chemistry: Thermodynamics/Kinetics	4
CH 3460	Physical Chemistry: Quantum Mechanics	4 (WRCO)
CH 4190	Introduction to Research	<u>2</u>
	Sub-total Credits for Year Three at PSU	29
<u>Year Four</u> at PSU		
CH 3500	Inorganic Chemistry	4
CH 4530	Senior Research	4
CH	3000/4000 level Chemistry Elective	4
INCO	Integration Connection	3
	Electives	<u>12</u>
	Sub-total Credits for Year Four at PSU	<u>27</u>
	Total Credits taken at PSU	56

BS CHEMISTRY, GENERAL CHEMISTRY OPTION 2015-2016
2+2 Program with Lakes Region Community College for AA Liberal Arts 2015-2016

LRCC Requirements (2015-16 Catalog)	Credits	Satisfies PSU Requirement (2015-16 Catalog)	Credits
Computer Elective*	3/4	credits toward BS degree	3/4
ENGL 1200L College Composition	3/4	EN 1200 Composition	3/4
English Elective	3	CTDI Creative Thought Direction	3
Humanities	3	CTDI Creative Thought Direction	3
Humanities	3	credits toward BS degree	3
Humanities	3	credits toward BS degree	3
Liberal Arts Elective	3	DICO Diversity Connection	3
Liberal Arts Elective	3	GACO Global Awareness Connection	3
Liberal Arts Elective	3	WECO Wellness Connection	3
Liberal Arts Elective	3/4	SSDI Self and Society Direction	3/4
Liberal Arts Elective	3/4	SSDI Self and Society Direction	3/4
Mathematics [MATH 2700L]	4	MA 2550 Calculus I (MATH)	4
Mathematics [MATH 2710L]	4	MA 2560 Calculus II (QRCO)	4
Open Elective [SCI 2200L]	4	PH 2410 + PH 2430 University Physics I + Lab (sub)	4
Open Elective [SCI 2210L]	4	PH 2420 + PH 2440 University Physics II + Lab (sub)	4
Open Elective**	2/3	credits toward BS degree	2/3
Science Elective [SCI 1380L]	4	CH 2335 General Chemistry I (QRCO)	4
Science Elective [SCI 1390L]	4	CH 2340 General Chemistry II	4
Social Science Elective	3	PPDI Past and Present Direction	3
Social Science Elective	3	PPDI Past and Present Direction	3
Social Science Elective	3	credits toward BS degree	3
Total required for AA Liberal Arts (minimum)	64	Sub-total	64

*Recommended but can be replaced with an open elective if student is proficient in computers and receiving institution doesn't require a computer course.

**If needed to ensure minimum credits for degree requirements.

CH 1050 Laboratory Safety	1
CH 2250 Techniques in Laboratory Chemistry	2
CH 3020 Biochemistry I	4
CH 3370 Organic Chemistry I	4
CH 3380 Organic Chemistry II	4
CH 3400 Instrumental Analysis (TECO)	4
CH 3450 Physical Chemistry:Thermodynamics/Kinetics	4
CH 3460 Physical Chem:Quantum Mechanics(WRCO)	4
CH 3500 Inorganic Chemistry	4
CH 4190 Introduction to Research	2
CH 4530 Senior Research	4
CH 3000/4000 level Chemistry elective	4
INCO Integration Connection	3
Electives	<u>12</u>
Sub-total	56

Total required for the degree 120

*three credits for IS 1111 become electives for transfer students entering with 24 or more credits

The maximum number of transfer credits that can be applied to a PSU bachelor degree is 90.

Plymouth State University CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

LRCC students coming to PSU must have grades of C or better in each of their courses and a minimum 2.0 cumulative GPA in order to transfer into the PSU BS Chemistry/General Option.

LRCC students who have completed the AA degree in Liberal Arts with one course with a grade of C- or below, may retake that course during the summer preceding entrance to PSU and still be accepted at PSU under this 2+2 agreement, if she/he earns a grade of C or higher.

LRCC students who complete the AA degree in Liberal Arts will need to take the third and fourth year coursework for the BS Chemistry/General Option.

Advisors at LRCC will work with students to make sure that their English, Humanities, Liberal Arts, Mathematics, Open, Science, and Social Science Electives will transfer in as General Education courses and major requirements at PSU.

If a LRCC student has not completed the AA degree in Liberal Arts, then courses will be transferred in on a course-by-course basis. See Transfer Agreement.

LRCC courses that satisfy PSU Global Awareness Connection

FREN 1200L Elementary French I
FREN 1210L Elementary French II
HIST 2200L World History II
HUMA 1310L Cultural Anthropology
HUMA 1500L Arabic Language and Culture
HUMA 1510L Chinese Language and Culture
PHIL 1290L Introduction to Philosophy
PHIL 2250L Comparative World Religions
SOC 2320L Macroeconomics
SPAN 1200L Elementary Spanish I
SPAN 1210L Elementary Spanish II

LRCC courses that satisfy PSU Wellness Connection

ECE 1240L Health, Nutrition, and Safety in Child Care
HSV 1310L Psychosocial Aspects of Aging
HSV 2300L The Aging Process
SCI 1290L Nutrition for Health and Fitness
SCI 1440L Human Biology with Lab

LRCC courses that satisfy PSU Creative Thought Direction [English, Humanities at LRCC]

ARTS 1400L Exploration in the Visual Arts
ENGL 2230L Survey of American Literature
ENGL 2240L The American Short Story
ENGL 2310L Fiction Workshop
ENGL 2320L Poetry Workshop
ENGL 2330L Playwriting Workshop
ENGL 2340L Scriptwriting for Film and Television
ENGL 2460L Tolkien and The Ring of Power
ENGL 2500L Introduction to Literature
ENGL 2540L The Nature Writers
ENGL 2550L Popular Fiction
ENGL 2570L The Myth of the Hero
HUMA 1550L Music Appreciation
MMDA 1100L Communicating Through Storyboards
MMDA 1500L Introduction to Motion Graphics

LRCC courses that satisfy PSU Past and Present Direction [Social Science at LRCC]

HIST 1310L American History and Civilization I
HIST 1320L American History and Civilization II
HIST 1400L New Hampshire History
HIST 1500L Latin American History and Civilization
HIST 2100L World History I
HIST 2250L History of the Twentieth Century
HIST 2350L US Labor and Reform Movements
HUMA 2000L Introduction to Canadian Studies
HUMA 2500L Humanities in Western Civilization I
HUMA 2520L Humanities in Western Civilization II
SOC 1420L Introduction to World Geography

LRCC courses that satisfy PSU Self and Society Direction [Liberal Arts at LRCC]

FIN 1800L Personal Financial Management
HIST 1380L Women in US History-1600 to the Present
HSV 1200L Introduction to the Human Services Profession
HSV 1300L Gerontology
HSV 1400L Justice and the Community
HSV 2280L Political/Social Issues of Human Services
HSV 2320L Political/Social Issues in Gerontology
POL 2220L Current Social and Political Issues
SOC 2250L Critical Thinking and Decision Making
SOC 2350L Children, Youth, and Families

LRCC courses that satisfy PSU Diversity Connection

FREN 1200L Elementary French I
FREN 1210L Elementary French II
PHIL 2270L Ethical Issues
SOC 1240L Introduction to Sociology
SOC 2210L Organizational Behavior
SPAN 1200L Elementary Spanish I
SPAN 1210L Elementary Spanish II