

Chemistry & Physics

BA Chemistry, 30 hours, requires a Minor

Suggested Course Outline

Freshman

Freshman Seminar	71-101	1	Composition	10-112	3
Biological Sciences		4	Fine Arts		3
Modern Language		3	Modern Language		3
Composition	10-111	3	America – A Historical Survey	33-155	3
College Algebra *	17-118	3	Fundamentals of Oral Comm	29-102	3
<u>Total</u>		<u>14</u>	<u>Total</u>		<u>15</u>

Sophomore

Modern Language	24-114/115	3	Minor		6
General Chemistry I & Lab	24-114/115	4	Introduction to Literature	10-220	3
General Physics I/Lab	25-110/111	(4)	General Chemistry II & Lab	24-116/117	5
Minor		6	General Physics II/Lab	25-112/113	4
<u>Total</u>		<u>17</u>	<u>Total</u>		<u>18</u>

Junior

General Psychology	08-103	3	Humanities/Philosophy		3
Minor		3	Minor		3
Electives*		6	Organic Chemistry II	24-344	3
Organic Chemistry I & Lab (F So)	24-342/343	5	Chemistry Elective above 300		3
<u>Total</u>		<u>17</u>	<u>Social Science</u>		<u>3</u>
			<u>Total</u>		<u>15</u>

Senior

Minor		6	Intro to American Government	34-102	3
Quantitative Analysis & Lab (F)	24-322/323	5	Chemistry Seminar	24-592	1
Chemistry Elective above 300		4	Electives*		10
<u>Total</u>		<u>15</u>	<u>Institutional Requirement-Technology</u>		<u>3</u>
			<u>Total</u>		<u>17</u>

- If one has not taken a substantial high school chemistry course, Chemistry 112/113 should be taken prior to Chemistry 114/115. Furthermore, student needs to have mastered Algebra II in high school.
- Without two years of biology in high school, Biology 102/103 needs to be taken prior to Biology 112/113 or 114/115
- Students with a 27 or above ACT are eligible to begin with Calculus I.
- *Forty semester hours of courses numbered above 300 are required. 21 hours are defined in this major.
- 9 credit hours of the same modern language (e.g. Spanish)

Fo Fall Odd Years

Fe Fall Even Years

So Spring Odd Years

Se Spring Even

(Please note this outline does not supersede the requirements listed in the Northwest Undergraduate Student Catalog nor does it constitute a contractual arrangement, rather it is for information only. It is the student's responsibility to be aware of and to meet all University and Department requirements as listed in the catalog.

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