

# CHEMISTRY – MINOR (SCIENCE)

## CHEM-Z

**Subject:** Administered by the Department of Chemistry.

**Plan:** Consists of 48.00 units as described below.

**Program:** The Plan, in combination with a Major plan in another subject, and with sufficient electives, will lead to an Honours Bachelors Degree.

Code	Title	Units
<b>1. Core</b>		
<b>A. Complete the following:</b>		
CHEM 112	General Chemistry	6.00
<b>B. Complete the following:</b>		
CHEM 211	Main Group Chemistry	3.00
CHEM 212	Principles of Chemical Reactivity	3.00
CHEM 213	Introduction to Chemical Analysis	3.00
CHEM 221	Material, Solutions, and Interfaces	3.00
CHEM 222	Methods of Structure Determination	3.00
CHEM 223	Organic Reactions	3.00
<b>C. Complete 3.00 units from the following:</b>		<b>3.00</b>
CHEM 397	Experimental Chemistry	
CHEM 398	Experimental Chemistry I	
CHEM 399	Experimental Chemistry II	
<b>2. Option</b>		
<b>A. Complete 9.00 units from the following:</b>		<b>9.00</b>
CHEM at the 300-level or above		
<b>3. Supporting</b>		
<b>A. Complete 6.00 units from the following:</b>		<b>6.00</b>
PHYS 104	Fundamental Physics	
PHYS 106	General Physics	
PHYS 115 & PHYS 116	Introduction to Physics I and Introduction to Physics II	
<b>B. Complete 6.00 units from the following:</b>		<b>6.00</b>
MATH 120	Differential and Integral Calculus	
MATH 121	Differential and Integral Calculus	
MATH 123 & MATH 124	Differential and Integral Calculus I and Differential and Integral Calculus II	
<b>Total Units</b>		<b>48.00</b>

## 4. Notes

A. A maximum of 6.00 units from courses offered by other Faculties and Schools may be counted toward the program and/or Plan requirements. This includes courses in BMED, COMM, GLPH, HSCI, LAW, NURS, and courses in the Faculty of Engineering and Applied Science.