

CHEMISTRY– GENERAL (SCIENCE) – BACHELOR OF SCIENCE

CHEM-G-BSC

Subject: Administered by the Department of Chemistry.

Plan: Consists of 48.00 units as described below.

Program: The Plan, with sufficient electives to total 90.00 units will lead to a Bachelor of Science Degree.

Requirements for this program have been modified. Please consult the [2021-2022 Calendar](#) for the previous requirements.

Code	Title	Units
1. Core		
A. Complete the following:		
CHEM 112	General Chemistry	6.00
B. Complete the following:		
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, Interfaces	3.00
CHEM 222	Methods of Structure Determination	3.00
CHEM 223	Organic Reactions	3.00
C. Complete 3.00 units from the following:		3.00
CHEM 397	Experimental Chemistry	
CHEM 398	Experimental Chemistry I	
CHEM 399	Experimental Chemistry II	
2. Option		
A. Complete 9.00 units from the following:		9.00
CHEM at the 300-level or above		
3. Supporting		
A. Complete 6.00 units from the following:		6.00
PHYS 104	Fundamental Physics	
PHYS 106	General Physics	
PHYS 115	Introduction to Physics I	
& PHYS 116	and Introduction to Physics II	
B. Complete 6.00 units from the following:		6.00
MATH 120	Differential and Integral Calculus	
MATH 121	Differential and Integral Calculus	
MATH 123	Differential and Integral Calculus I	
& MATH 124	and Differential and Integral Calculus II	
Electives		
Elective Courses		42.00
Total Units		90.00

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, LAW, NURS and courses in the Faculty of Engineering and Applied Science.