



Republic of the Philippines
Cebu Normal University
 Osmeña Blvd., Cebu City, 6000, Philippines

**College of Computing, Artificial Intelligence,
 and Sciences**

Telephone No.: (+63 32) 254 6814 loc. 140

Email: ccais@cnu.edu.ph

Website: www.cnu.edu.ph



BACHELOR OF SCIENCE IN CHEMISTRY

CMO No. 47, s. 2017; BOR Res. No. _____

Effectivity AY: 2023-2024

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
Course No.	Descriptive Title	Units	Course No.	Descriptive Title	Units
NSTP 1	National Service Training Program 1	3	NSTP 2	National Service Training Program II	3
PATHFit 1	Movement Competency Training	2	PATHFit 2	Exercise-based Fitness Activities	2
GE MMW	Mathematics in the Modern World	3	GE PC	Purposive Communication	3
GE WF	Wikang Filipino	3	GE US	Understanding the Self	3
Phys 101a	University Physics I (Lecture)	3	Chem 102	Inorganic Chemistry I	3
Phys 101b	University Physics I (Laboratory)	1	Phys 102a	University Physics II (Lecture)	3
Chem 101a	Principles of Chemistry (Lecture)	3	Phys 102b	University Physics II (Laboratory)	1
Chem 101b	Principles of Chemistry (Laboratory)	2	Math 107	Calculus II	4
Math 104	Calculus I	4			
		Total Units			Total Units
		24			22

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Course No.	Descriptive Title	Units	Course No.	Descriptive Title	Units
PATHFit 3	Menu of Dance, Sports, Martial Arts, Group Exercise, Outdoor and Adventure Activities	2	PATHFit 4	Menu of Dance, Sports, Martial Arts, Group Exercise, Outdoor and Adventure Activities	2
GE PP	Panitikang Pilipino	3	GE AA	Art Appreciation	3
GE LOG	Logic	3	GE CW	The Contemporary World	3
Chem 103	Inorganic Chemistry II	3	Chem 106a	Organic Chemistry II (Lecture)	3
Chem 104a	Analytical Chemistry I (Lecture)	3	Chem 106b	Organic Chemistry II (Laboratory)	2
Chem 104b	Analytical Chemistry I (Laboratory)	2	Chem 107a	Physical Chemistry I (Lecture)	3
Chem 105a	Organic Chemistry I (Lecture)	3	Chem 107b	Physical Chemistry I (Laboratory)	1
Chem 105b	Organic Chemistry I (Laboratory)	2	Chem 108a	Analytical Chemistry II (Lecture)	3
GE LWR	Life and Works of Rizal	3	Chem 108b	Analytical Chemistry II (Laboratory)	2
			ChemElec 1	Chemistry Elective 1	3
		Total Units			Total Units
		24			25



Certification Date: 24 January 2024
 Recertification due date: 24 January 2027
 For verification of the certificate please
 Access www.gcl-intl.com (Certification
 Check and type the registration number)

Registration No. 52Q18778



The WORLD
 UNIVERSITY
 RANKINGS
 for INNOVATION





Republic of the Philippines
Cebu Normal University
 Osmeña Blvd., Cebu City, 6000, Philippines

**College of Computing, Artificial Intelligence,
and Sciences**

Telephone No.: (+63 32) 254 6814 loc. 140

Email: ccais@cnu.edu.ph

Website: www.cnu.edu.ph



THIRD YEAR

FIRST SEMESTER			SECOND SEMESTER		
Course No.	Descriptive Title	Units	Course No.	Descriptive Title	Units
GE STS	Science, Technology and Society	3	GE RPH	Readings in the Philippine History	3
GE ETH	Ethics	3	Chem 112	Physical Chemistry III	3
Chem 109a	Biochemistry I (Lecture)	3	Chem 113	Biochemistry II	3
Chem 109b	Biochemistry I (Laboratory)	2	Chem 114	Chemical Research I	3
Chem 110a	Physical Chemistry II (Lecture)	3	ChemElec 3	Chemistry Elective 3	3
Chem 110b	Physical Chemistry II (Laboratory)	1	Chem 118	Advanced Analytical Chemistry	3
Chem 111a	Analytical Chemistry III (Lecture)	3	Chem 119	Advanced Inorganic Chemistry	3
Chem 111b	Analytical Chemistry III (Laboratory)	1			
ChemElec 2	Chemistry Elective 2	3			
Total Units		22	Total Units		21

THIRD YEAR

SUMMER					
Course No.	Descriptive Title	Units			
Chem 117	Professional Engagement	3			
Total Units		3			

FOURTH YEAR

FIRST SEMESTER			SECOND SEMESTER		
Course No.	Descriptive Title	Units	Course No.	Descriptive Title	Units
Chem 115	Chemical Research II	3	Chem 116	Chemical Research III	3
ChemElec 4	Chemistry Elective 4	3	Chem 121	Chemical Jurisprudence	3
Chem 120	Comprehensive Course 1	3	Chem 122	Comprehensive Course 2	3
Total Units		9	Total Units		9

Total Credit Units: 159 units



Certification Date: 24 January 2024
 Recertification due date: 24 January 2027
 For verification of the certificate please
 Access www.gcl-intl.com (Certification
 Check and type the registration number)



The WORLD
UNIVERSITY
RANKINGS
for INNOVATION





Republic of the Philippines
Cebu Normal University
Osmeña Blvd., Cebu City, 6000, Philippines

College of Computing, Artificial Intelligence, and Sciences

Telephone No.: (+63 32) 254 6814 loc. 140

Email: ccaais@cnu.edu.ph

Website: www.cnu.edu.ph



Chemistry Elective Courses:

1. Food Chemistry
2. Environmental Chemistry
3. Advanced Organic Chemistry
4. Natural Products Chemistry
5. Computational Chemistry
6. Materials Chemistry
7. General Industrial Chemistry
8. Molecular Spectroscopy
9. Biotechnology/Microbiology
10. Nanotechnology
11. Biomolecules
12. Entrepreneurship
13. Special Topics in Chemistry



Certification Date: 24 January 2024
Recertification due date: 24 January 2027
For verification of the certificate please
Access www.gcl-intl.com (Certification
Check and type the registration number)



The WORLD
UNIVERSITY
RANKINGS
for INNOVATION

