

Master of Science in Analytical Chemistry-MSc (Analytical Chem)

Programme Structure				
Semester	Module Code	Module Name	Credit Value	Status (Core /Optional)
1	CHE5113	Fundamentals of Analytical Chemistry	3	Core
1	CHE5123	Instrumental Analysis	3	Core
1	CHE5133	Spectroscopic Methods	3	Core
1	CHE5143	Analytical Separations	3	Core
1	CHE5153	Advanced Analytical Chemistry Laboratory I	3	Core
2	CHE5213	Electroanalytical Chemistry	3	Core
2	CHE5222	Analytical Aspects in Industry	2	Core
2	CHE5242	Computer Applications in Analytical Chemistry	2	Core
2	CHE5273	Advanced Analytical Chemistry Laboratory II	3	Core
3	CHE5233	Laboratory Safety and Quality Management	3	Core
3	CHE5252	Research Methodology and Scientific Writing	2	Core
3	CHE6113	Environmental Analytical Chemistry	3	Optional
3	CHE6123	Food Chemistry and Analysis	3	Optional
3	CHE6133	Bioanalytical Chemistry	3	Optional
3	CHE6143	Some Aspects of Nanoscience and Technology	3	Optional
3	CHE6153	Pharmaceutical Analytical Chemistry	3	Optional
3	CHE6163	Materials Characterization	3	Optional
4	CHE6218	Research Project	18	Core

*All the optional courses are based on Analytical Chemistry and its application. Depending on the specialty of the candidate, he/she has the option to pick the most suitable optional courses related to the work or his/her preference. Each candidate has to pick four (04) optional courses out of the six (06) offered as a requirement of the third semester.