

Chemical Clinical Biologist

FIRST SEMESTER	C
Advanced Mathematics	5
General Chemistry	7
Cell Biology	5
Application of Information Technologies	2
Leadership, Entrepreneurship and Innovation	2
Total	21
SECOND SEMESTER	C
Physics	4
Physicochemistry	7
Morphological Sciences	6
Basic Microbiology	3
Biostatistics	2
Total	22
THIRD SEMESTER	C
Fundamentals of Analytical Chemistry	6
Basic Organic Chemistry	6
Medical Physiology	4
Medical Parasitology	3
Elective courses I Curricular area of general university formation	2
Total	21
FOURTH SEMESTER	C
Techniques in Organic Chemistry	3
Biochemistry	6
Pathology	2
Applied Analytical Chemistry	7
Elective courses II Curricular area of general university formation	2
Social Responsibility and Sustainable Development	2
Total	22
FIFTH SEMESTER	C
Instrumental Analysis	5

Molecular Biology	5
Organic Analysis	3
Hematology	3
Genetics	2
Basic Immunology	3
Elective courses III Curricular area of general university formation	2
Total	23
SIXTH SEMESTER	C
Clinical Biochemistry	5
Blood Bank and Transfusion Medicine	4
Medical Bacteriology	5
Micology and Virology	4
Elective courses I Curricular area of fundamental professional formation	3
Peace Culture	2
Total	23
SEVENTH SEMESTER	C
Clinical Pathology	14
Diagnostic Medical Microbiology	4
Research Seminar I	2
Elective courses II Curricular area of fundamental professional formation	3
Total	23
EIGHTH SEMESTER	C
Food Analysis	5
Toxicology and Legal Chemistry	3
Management and Quality in the Clinical Laboratory	2
Elective courses III Curricular area of fundamental professional formation	3
Elective courses I	10
Total	23
NINTH SEMESTER	C
Social Service	16
General Exit Examination Course	3
Elective courses IV Curricular area of fundamental professional formation	3
Ethics and Culture of Legality	2
Total	24
TENTH SEMESTER	C
Elective courses II Curricular area of integrative professional formation	22
Total	22
Total of PE	224

Symbology

C: Credits

PE: Educational program.