

Faculty of Sciences				
BIOLOGY				
Semester	Cycle	Code	Title	Credits
1 st	Bachelor	SBIOB132	Theories of evolution	2
1 st	Master	SBIOM120	Stem Cells and Differentiation	3
1 st	Master	SBIOM121	Organelle Dysfunction as the Basis of Diseases	3
1 st	Master	SBIOM122	Cancer	3
1 st	Master	SBIOM124	Host Pathogen Interactions	3
1 st	Master	SBIOM128	Hot Topics in Microbiomes, Diabetes and Cardiovascular Diseases	3
1 st	Master	SBIOM132	Bacterial Genetics and Evolution	3
1 st	Master	SBIOM133	Glycobiology	3
1 st	Master	SBIOM134	Protein Structure and Function	3
1 st	Master	SBIOM201	Parasitology	2
1 st	Master	SBIOM208	Anticancer Therapies	2
1 st	Master	SBOEM111	Advanced and applied evolutionary	3
1 st	Master	SBOEM112	Data analysis and modelling of biological systems	5
1 st	Master	SBOEM114	Molecular ecology and biodiversity genomics	4
1 st	Master	SBOEM115	Environmental Epigenetics	2
1 st	Master	SBOEM116	Applied bioinformatics for molecular ecology	2
1 st	Master	SBOEM170	Advances in applied and basic ecotoxicology	5
1 st	Master	SSPSM203	Philosophy of Life Sciences	3
1 st	Master	LBIR1328	Climatology and Hydrology Applied to Agronomy and the Environment	6
1 st	Master	LBOE2140	Landscape Ecology	4
1 st	Master	LBOE2150	Movement ecology	2
1 st	Master	LBOE2151	Thermal Ecology	2
1 st	Master	LBRTI2101	Data Science in bioscience engineering - Partim A : spatial and temporal data	3
-	Bachelor	SBIOB304	Bachelor thesis	5
2 nd	Bachelor	SBIOB305	Evolution	2
2 nd	Bachelor	SBIOB343	Conservation and Population Genetics	2
2 nd	Bachelor	SBIOB362	Ecoethology	3
2 nd	Bachelor	SBIOB369	Metabolic diversity and ecology of microorganisms	3
2 nd	Bachelor	SBIOB375	Internship rotations	5
2 nd	Master	SBOEM162	Biodiversity and ecosystem functioning	2
2 nd	Master	SBIOM136	Bacterial Cell Biology	3
2 nd	Master	SBIOM104	Intensive Integrated Practical Courses	3
2 nd	Master	SBOEM113	Behavioural responses to a changing world	4
2 nd	Master	LBOE2113	Scientific and Professional Communication in English	3
2 nd	Master	LGEO2140	Global environmental challenges in the Anthropocene	5
2 nd	Master	LDROP2101	Management of Intellectual Property Rights	5
2 nd	Master	LSC2220	Philosophy of science	2
CHEMISTRY				
Semester	Cycle	Code	Title	Credits
1 st	Master	SCHIM102	Advanced Theoretical Chemistry	6

1 st	Master	SCHIM103	Advanced Inorganic Chemistry: Adsorption, Interfaces, Heterogeneous Catalysis	6
1 st	Master	SCHIM104	Characterization Techniques in Life and Materials Chemistry	6
1 st	Master	SCHIM106	Advanced Organic Chemistry	6
1 st	Master	SCHIM202	Green Chemistry	4
1 st	Master	SCHIM203	Supramolecular Chemistry	4
1 st	Master	SCHIM204	Solid state chemistry	4
1 st	Master	SCHIM235	Innovative technologies in chemistry	4
1 st	Master	SMMMM110	Microbiology Basics	4
1 st	Master	SMMMM114	Eukaryotic Microorganisms	2
1 st	Master	SMMMM115	Applied and Synthetic Microbiology	3
1 st	Master	SMMMM116	Genomics and bioinformatics	5
1 st	Master	SMMMM119	Bacterial Stress Response and Signalling	2
1 st	Master	SMMMM120	Pathogens and Epidemiology	3
1 st	Master	SMMMM121	Antibiotics, from Origin to Resistance	2
1 st	Master	SMMMM122	Microbial interactions and communities	2
1 st	Master	SMMMM125	Chemistry of the bacterial cell	2
1 st	Master	SMMMM201	Master Thesis	30
2 nd	Master	SCHIM109	Scientific Programming for Chemists	4
2 nd	Master	SCHIM114	Organometallic Synthesis and Catalysis	4
2 nd	Master	SCHIM121	Microscopy Applied to Materials Chemistry	4
2 nd	Master	SCHIM124	Processes and Methods for the Preparation of Solid Nanomaterials	4
1 st & 2 nd	Master	SCHIM125	Master Thesis	23
2 nd	Master	SCHIM214	Strategy for the Synthesis of Complex Molecules	4
2 nd	Master	SCHIM215	Glycoscience	4
2 nd	Master	SCHIM222	Nanotechnologies	4
2 nd	Master	SCHIM224	Organic photochemistry	4
2 nd	Master	SCHIM225	Asymmetric synthesis and catalysis	4
2 nd	Master	SMMMM113	Professional English (level B2+)	2
-	Master	SMMMM109	Research Initiation (Biblio and/or Lab Work)	22
-	Master	SMMMM202	Internship (Research Lab/Industry)	30
MATHEMATICS				
-	Bachelor	SMATB243	Introduction to Space Sciences	3
VETENARY MEDICINE				
1 st	Master	SVETM209	Molecular Virology	2
2 nd	Bachelor	SVETB103	Animal Ethnography (Partial E-Learning) (niveau B1)	5
2 nd	Bachelor	SVETB295	Applied English 1 (level B2)	2
2 nd	Bachelor	SVETB392	Research Student + (Linked to SVETB314)	2
2 nd	Bachelor	SVETB399	Applied English 2 (Linked to SVET B314 and SVET B392) (level B2+)	2
LIST OF ENGLISH LANGUAGE COURSES				
1 st & 2 nd	Bachelor	SCDLB104	Introduction to Scientific English (level B1 and above)	3
1 st & 2 nd	Bachelor	SCDLB204	English and maths (level B1 and above)	3
1 st & 2 nd	Bachelor	SCDLB201	English : Communicating Science Effectively (level B2)	2

1 st & 2 nd	Bachelor	SCDLB301	Writing and Presenting a Scientific Literature Review (level B2)	2
1 st & 2 nd	Bachelor	SCDLB102	Introduction to Scientific English (level B1 and higher)	3
1 st & 2 nd	Bachelor	SCDLB202	English : Communicating Science Effectively (level B2 and above)	3
1 st & 2 nd	Bachelor	SCDLB302	English: Presentation Skills (level B2 and above)	3
1 st & 2 nd	Bachelor	SCDLB203	English : Communicating Sciences Effectively (level B1 and above)	3
1 st & 2 nd	Bachelor	SCDLB205	English II (level B1 and above)	3
1 st & 2 nd	Bachelor	SCDLB305	English III (level B2 minimum)	3
1 st & 2 nd	Bachelor	SCDLB101	Introduction to Scientific English (level B1 and above)	2
1 st & 2 nd	Bachelor	SCDLB103	Introduction to Scientific English (level B1 and above)	3
1 st & 2 nd	Bachelor	SCDLB303	English : Debating Science (level B2 minimum)	3
1 st & 2 nd	Bachelor	SCDLB304	English, maths and communication (level B2 and above)	3
1 st & 2 nd	Bachelor	SCDLB105	Introduction to Scientific English (level B1 and above)	3
Other				
2 nd	Master	LNANO2991	Seminars on the ethical and socio-economical aspects of nanotechnologies	2

 The courses in orange are accessible to UNamur students only