

BSC (HONS) (MEDICAL AND HEALTH SCIENCES) - CK707

Programme Requirements

Code	Title	Credits
Year 1		
Students take 60 credits as follows:		
<i>Core Modules</i>		
EH1011	Foundations in Epidemiology	10
MH1010	Introductory Human Biology	15
MH1020	Cardiovascular Biology	5
MH1030	Respiratory Biology	10
MH1040	Gastrointestinal, Nutritional and Metabolic Biology	10
MH1050	Introduction to Translational Medicine	5
PT1020	Introduction to Pharmacology	5
Year 2		
Students take 60 credits as follows:		
<i>Core Modules</i>		
BC2024	Molecular Biology and Gene Regulation in Health and Disease	5
EH2010	Applied Epidemiology	5
MH2010	Research Skills and Ethics	5
MH2020	Research Methods in Medical Sciences	5
MH2101	Biology of the Nervous System	10
MH2102	Bone, Renal and Reproductive Biology	10
PM2004	Mechanisms of Disease	10
PT2020	Introduction to Toxicology	5
PT2021	Molecular and Cellular Pharmacology	5
Year 3		
Students take 60 credits as follows – all listed core modules (55 credits) and 5 credits of elective modules:		
<i>Core Modules</i>		
AN3013	Neurobiology of Disease	5
BC3021	Cell Signalling in Health and Disease	5
EH3013	Population Health	5
MB3001	Medical Microbiology	5
MH3010	Structured Literature Project in Medical and Health Sciences	10
MH3050	Advances in Translational Medicine	5
PL3001	Pathophysiology	5
PM3017	Systems Pathology	5
PT3020	Pharmacology of Disease	10
<i>Elective Modules</i>		
Students take 5 credits from the following:		
PH3046	Philosophy of Biology (5)	
AN3003	Neurobiology of Regulatory Systems (5)	
AN3009	Human Embryology and Developmental Anatomy (5)	
BC3007	Principles of Medical Genetics (5)	
MB3008	Immunology: Host Response to Pathogens. (5)	
MB3022	Virology (5)	

MX1009	History of Medicine (5)	
PL3005	Cell and Epithelial Physiology (5)	
Year 4		
Students take 60 credits as follows – all listed core modules (20 credits) and 40 credits of elective modules:		
<i>Core Modules</i>		
MH4010	Research Project in Medical and Health Sciences	20
<i>Elective Modules</i>		
Students take modules to the value of 40 credits from the following:		
MH4021	Introduction to Clinical Development (5)	
AN4009	Behavioural and Cognitive Neuroscience (5)	
AN4012	Medical Imaging and Biomedical Devices in the Neurosciences (5)	
AN4013	Advanced Topics in Neuroscience (5)	
AN4016	Neurodevelopmental Biology in Health and Disease. (5)	
AN4017	Prenatal and Perinatal Exposures and the Developing Brain. (5)	
BC4001	Advanced Cell Biology (5)	
BC4009	Cancer Biology (5)	
BC4011	Cell and Molecular Basis of Neurodegenerative disease (5)	
BC4022	Immunobiology of Health and Disease (5)	
EH4000	Advanced Applied Epidemiology (5)	
EH4009	Contemporary Global Health Issues (5)	
MB4030	Advanced Medical Microbiology and Immunology (5)	
MB4031	Advanced Virology and Antiviral Immunity (5)	
MH4020	Clinical Development Trial Lead (CDTL) Internship (5)	
PL4006	Regulation of Epithelial Transport (5)	
PL4009	Applied Cardiovascular and Respiratory Physiology (5)	
PL4010	Control of Breathing in Health and Disease (5)	
PL4011	Learning and Memory (5)	
PL4012	Physiology of Calcium Signalling (5)	
PL4015	Microbiome and Physiology (5)	
PL4016	Dynamic Physiology in Biological Systems (5)	
PL4014	Endocrine and Gastrointestinal Physiology (5)	
PT4021	Immunopharmacology and Chemotherapy (10)	
PT4022	Drug Discovery and Development (5)	
PT4023	Endocrine, Metabolic and Reproductive Pharmacology (5)	
PT4024	Current Topics in Pharmacology (5)	
MH4019	Medical and Health Sciences Work Placement (5)	
SY4002	Cancer Immunology and Cellular Immunotherapy (5)	

Total Credits **240**

Examinations

Full details and regulations governing Examinations for each programme will be contained in the *Marks and Standards Book* and for each module in the *Book of Modules*.