

Level 3 Module Choice Table – Biological Sciences

		Pre & Co-requisites	Biochemistry BIOC	Biological Chemistry & Drug Discovery BCDD	Microbiology MBIO	Molecular Biology MOLB	Molecular Genetics MOLG	Biological Sciences and Specialisms		
								Biological Sciences BIOLOGSCI	Biological Sciences (Bioinformatics) BSBI	Biological Sciences (Plant Sciences) BSPS
Sem 1	BS31003 Molecular Structure & Interactions	-	Core	Core	Core	Core	Core	Core	Core	Core
	BS31004 Biochemistry & Cell Biology	-	Core	Core	Core	Core	Core	Core	Core	Core
	BS31005 Genetics	-	Core	Core	Core	Core	Core	Core	Core	Core
	BS31006 Gene Regulation & Expression	-	Core	Core	Core	Core	Core	Core	Core	Core
Sem 2 Block C	BS32003 Drug Discovery & Development	-	-	Core	Option	Option	Option	Option	Option	-
	BS32004 Molecular Microbiology	-	-	Option	Core	Core	Option	Option	Option	Option
	BS32006 Cell Signalling	-	Core	Option	Option	Option	Option	Option	Option	Option
	BS32008 Plant Sciences	-	-	Option	Option	Option	Option	Option	Option	Core
	BS32011 Practical Project A	-	Core	Option	Core*	Core*	Core*	Core*	Core	Option
	BS32029 Cell Proliferation and Survival Mechanisms Underlying Disease	Required for students intending to take Cancer Biology and/or Cancer Pharmacology & Treatment at level 4	-	Option	Option	Option	Option	Option	Option	-
	BS32030 Data and Statistical Analysis	-	-	Option	Option	Option	Option	Option	Option	Option
	BS32031 Bioinformatics Research Skills I	Can not take this module if taken BS21010 at level 2	-	Option	Option	Option	Option	Option	Option	Option
Sem 2 Block D	BS32005 Cell & Developmental Biology	-	Option	-	Option	Option	Option	Option	Option	Option
	BS32007 Organic Synthesis	-	-	Core	Option	Option	Option	Option	Option	-
	BS32009 Immunology	-	Option	-	Option	Option	Option	Option	Option	Option
	BS32010 Applied Bioinformatics	-	Option	-	Option	Option	Option	Option	Core	Option
	BS32012 Practical Project B	-	Option	Core	Core*	Core*	Core*	Core*	Option	Core
	BS32032 Science Communication	-	Option	-	Option	Option	Option	Option	Option	Option

PLEASE NOTE ONLY TWO MODULES ARE TAKEN IN BLOCK C AND IN BLOCK D

Core* = These are compulsory modules to Biological Stream, however students must select practical Project A in block C AND/OR practical Project B in block D

Level 3 Biomedical Stream Modules may be available as Elective Choices only under guidance and where scheduling permits

Disclaimer: Please note that modules normally require a minimum number of enrolled students in order to run. If this minimum is not achieved, the module may be withdrawn for the relevant academic year.

Level 3 Module Choice Table – Biomedical Sciences

			Pre & Co-requisites	Biomedical Sciences BIMS	Neuroscience NEUR	Pharmacology PHAR	Physiological Sciences PHSC
Sem 1	BS31004	Biochemistry & Cell Biology	Students MUST have taken BS31004 if they intend to take BS32006 AND/OR BS32005 in SEM 2	Option	Option	Option	Option
	BS31006	Gene Regulation & Expression		Option	Option	Option	Option
	BS31013	Biomembranes		Core	Core	Core	Core
	BS31016	Practical Techniques in Biomedical Sciences		Core	Core	Core	Core
	BS31019	Regulatory Physiology and Pharmacology		Core	Core	Core	Core
	BS31020	Experimental Cell Culture		Option	Option	Option	Option

Sem 2 Block C	BS32006	Cell Signalling	BS31004 or BS31020	Option	Option	Option	Option
	BS32026	Sensory and Motor Neuroscience		Option	Core	Option	Core
	BS32028	Molecular Pharmacology		Option	Option	Core	Option
	BS32029	Cell Proliferation and Survival Mechanisms Underlying Disease	Required for students intending to take Cancer Biology and Cancer Pharmacology & Treatment at level 4	Option	Option	Option	Option
	BS32030	Data and Statistical Analysis		Option	Option	Option	Option
	BS32031	Bioinformatics Research Skills I	Can not take this module if taken BS21010 at level 2	Option	Option	Option	Option

Sem 2 Block D	BS32005	Cell & Developmental Biology	BS31004 or BS31020	Option	Option	Option	Option
	BS32009	Immunology		Option	Option	Option	Option
	BS32020	Human Epithelial Biology		Option	Option	Option	Core
	BS32021	Quantitative Pharmacology		Option	Option	Core	Option
	BS32024	Neuropsychopharmacology		Option	Core	Option	Option
	BS32032	Science Communication		Option	Option	Option	Option

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