

FACULTY OF SCIENCE, ENGINEERING AND BUILT ENVIRONMENT

2019 COURSE ENROLMENT MAP



Last updated 10/08/2018

Natural History (Burwood) Unit set code MJ-S000069		CP	Campus	Period	Prerequisite
SLE136	Life on an Evolving Planet	1	B	T2	Nil
SLE204	Animal Diversity	1	B, WP	T1	SLE111 or SLE132
SLE203	Plant Biology	1	B	T1	One of SLE103, SLE111, SLE132 or SLE151
SLE237	Biogeography (T3)	1	B	T3	One of SLE102, SLE103, SLE111, SLE115, SLE132, SLE136 or SLE151
SLE370	Evolution	1	B, WP	T1	One of SLE204, SLE205, SLE237, SLE254 plus one other level 2 SLE-coded unit.
SLE395	Palaeobiology	1	B	T1	One of SLE102, SLE136, SLE103 plus two level 2 units.
Plant Biology (Burwood) Unit set code MJ-S000070		CP	Campus	Period	Prerequisite
SLE132	Biology: Form and Function	1	B, WP	T2	Nil
SLE203	Plant Biology	1	B	T1	One of SLE103, SLE111, SLE132 or SLE151
SLE237	Biogeography (T3)	1	B	T3	One of SLE102, SLE103, SLE111, SLE115, SLE132, SLE136 or SLE151
SLE310	Pest Plants and Animals	1	B	T1	Two level 2 SLE-coded units.
SLE317	Australian Vegetation and Its Management	1	B	T2	Two level 2 SLE-coded units.
SLE370	Evolution	1	B, WP	T1	One of SLE204, SLE205, SLE237, SLE254 plus one other level 2 SLE-coded unit.
Fisheries and Aquaculture (Waurn Ponds) Unit set code MJ-S000072		CP	Campus	Period	Prerequisite
SLE134	Recreational Fisheries Science	1	WP	T3	Nil
SLE261	Diversity of Fishes	1	WP	T2	One of SLE111, SLE132, SLE103 or SLE144
SLE262	Aquaculture and the Environment	1	WP	T2	Nil
SLE217	Aquaculture Nutrition and Seafood Quality	1	WP	T2	SLE111
SLE329	Aquatic Animal Health and Reproduction	1	WP	T2	Any two level 2 SLE-coded units
SLE343	Fisheries Management	1	WP	T2	SLE261
Genomics (Burwood, Waurn Ponds) Unit set code MJ-S000075		CP	Campus	Period	Prerequisite
SLE234	Microbiology	1	B, WP	T1	SLE111 or for students enrolled in H300 - SLE111 or HMM102 and HMM103
SLE254	Genetics and Genomics	1	B, WP	T2	SLE111 or SLE144
SLE228	Forensic Genomics	1	B, WP	T2	Nil
SLE340	Genomes and Bioinformatics	1	B*, WP	T1	SLE254
SLE321	Molecular Biology Techniques	1	B, WP~	T1	One of SLE206, SLE221, SLE234 or SLE254
SLE341	Ecological and Conservation Genetics	1	B*, WP	T1	SLE254

Course: S320 Bachelor of Science

Campus: Burwood (Melbourne), Waurn Ponds (Geelong)

Students must complete at least one major sequence.

Major Sequences

Animal Biology (Burwood, Geelong) Unit set code MJ-S000064		CP	Campus	Period	Prerequisite
SLE132	Biology: Form and Function	1	B, WP	T2	Nil
SLE204	Animal Diversity	1	B, WP	T1	SLE111 or SLE132
SLE205	Vertebrate Structure and Function	1	B, WP	T2	SLE132
SLE315	Marine Animal Physiology	1	C	T2	One of SLE204, SLE211, SLE219, SLE265, SLE232, SLE255 or SLE221
SLE307	Behavioural Ecology (T3)	1	B	T3	SLE204
SLE370	Evolution	1	B, WP	T1	One of SLE204, SLE205, SLE237, SLE254 plus one other level 2 SLE-coded unit.
Geography (Burwood) Unit set code MJ-S000074		CP	Campus	Period	Prerequisite
SLE102	Physical Geography	1	B, WP	T2	Nil
AIG103	People and Place: An Introduction to Human Geography	1	B, WP, C	T1	Nil
SLE202	Landscape Evolution	1	B	T1	SLE102
SLE237	Biogeography	1	B	T3	One of SLE102, SLE103, SLE111, SLE115, SLE132, SLE136 or SLE151
SLE328	Oceans, Coasts and Climate Change##	1	C^	T2	Any two level 2 SLE-coded units
AIG300	Australian Urban Geography: National and International Perspectives	1	B, WP, C	T2	Nil

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While the information provided here was correct at the time of publication, Deakin University reserves the right to alter, amend or delete details of course and unit offerings. Created August 2018. Deakin University IRICOS Provider Code: 00113B

Cell Biology (Burwood, Geelong) Unit set code MJ-S000065					
CP	Campus	Period	Prerequisite		
Note: students undertaking this major sequence must have completed SLE155 Chemistry for the Professional Sciences (prereq to SLE212)					
SLE212	Biochemistry	1	B, WP	T1	SLE152 or SLE155
SLE254	Genetics and Genomics	1	B, WP	T2	SLE111 or SLE144
SLE206	Cell Biology	1	B (T2) WP (T3)	T2, T3	SLE111
SLE222	Biochemical Metabolism	1	B, WP	T2	SLE152 or SLE155
SLE346	Molecular Basis of Disease	1	B, WP	T2	SLE212 and one of SLE206, SLE211, SLE222 or SLE214
SLE340 or SLE321	Genomes and Bioinformatics or Molecular Biology Techniques	1 1	B*, WP B, WP~	T1 T1	SLE254 One of SLE206, SLE221, SLE234 or SLE254
Chemistry (Geelong) Unit set code MJ-S000009					
CP	Campus	Period	Prerequisite		
Note: students undertaking this major sequence must have completed SLE155 Chemistry for the Professional Sciences (prereq to SLE210)					
SLE210	Chemistry the Enabling Science	1	B, WP	T1	SLE152 or SLE155
SLE213	Introduction to Spectroscopic Principles	1	WP	T1	SLE152 or SLE155
SLE214	Organic Chemistry	1	B, WP	T2	SLE152 or SLE155
SLE229	Introduction to Separation Science	1	WP	T2	SLE152 or SLE155
SLE316	Analytical Chemistry	1	WP	T1	SLE213 and SLE229
SLE318	Synthetic and Medicinal Chemistry	1	B, WP	T1	SLE214 and at least four other level 2 units.
Chemistry and Materials Science (Burwood) Unit set code MJ-S000066					
CP	Campus	Period	Prerequisite		
Note: students undertaking this major sequence must have completed SLE155 Chemistry for the Professional Sciences (prereq to SLE210)					
SLE210	Chemistry the Enabling Science	1	B, WP	T1	SLE152 or SLE155
SLE214	Organic Chemistry	1	B, WP	T2	SLE152 or SLE155
SLE235	Chemical Systems (T3)	1	B	T3	SLE155
SLE212	Biochemistry	1	B, WP	T1	SLE152 or SLE155
SLE330	Materials Chemistry	1	B	T1	One of SLE210, SLE214, SLE235
SLE338	Electrochemistry for a Sustainable Future	1	B	T2	One of SLE210, SLE214, SLE235

* Available at the Melbourne Burwood Campus from 2020
~ Available at the Geelong Waurm Ponds Campus from 2020
^ Available from 2020

SLE328 - not available in 2019 (replaced by SLE332 GIS for Environmental Scientists)

Environmental Science (Burwood) Unit set code MJ-S000011					
CP	Campus	Period	Prerequisite		
SLE102	Physical Geography	1	B, WP	T2	Nil
SLE239	Introduction to Geographic Information Systems	1	C	T2	Nil
SLE231	Hydrology and Water Resources Management	1	B	T1	One of SLE101, SLE102 or SLE239
SLE202	Landscape Evolution	1	B	T1	SLE102
SHD301	Creating Sustainable Futures	1	B	T2	Must have completed six credit point units at Level 2 or higher.
SLE322	Landscape Ecology	1	B	T1	Two level 2 SLE-coded units.
Human Biology (Burwood, Geelong) Unit set code MJ-S000068					
CP	Campus	Period	Prerequisite		
SLE132	Biology: Form and Function	1	B, WP	T2	Nil
SLE254	Genetics and Genomics	1	B, WP	T2	SLE111 or SLE144
SLE211	Principles of Physiology	1	B, WP	T1	One of SLE111, HBS109 or SLE132
SLE221	Systems Physiology	1	B, WP	T2	One of SLE111, HBS109, SLE132
SLE323	Advanced Topics in Biomedical Science	1	B, WP	T1	Any two of SLE221, SLE222, SLE254 or SLE234
SLE339 or SLE340	Human Genetics and Genomics or Genomes and Bioinformatics	1 1	B, WP~ B*, WP	T2 T1	SLE254 SLE254
Mathematical Modelling (Burwood, Geelong, Cloud (online)) Unit set code MJ-500					
CP	Campus	Period	Prerequisite		
SIT194	Introduction to Mathematical Modelling	1	B, WP, C	T2	Nil
SIT192	Discrete Mathematics	1	B, WP, C B, C	T1 T2	Nil
SIT291	Mathematical Methods for Information Modelling	1	B, C	T1	SIT194
SIT292	Linear Algebra for Data Analysis	1	B, C	T2	SIT192
SIT396	Complex Analysis	1	B, WP, C	T2	Two units chosen from SIT291, SIT292, SIT294
SIT399	Optimization Modelling and Decision Analysis	1	B, C	T1	One of SIT291, SIT292, SIT281
Freshwater Biology (Waurm Ponds) Unit set code MJ-S000067					
CP	Campus	Period	Prerequisite		
SLE263	Marine and Coastal Ecosystems	1	WP	T1	One of SLE103, SLE144 or SLE132
SLE244	Aquatic Ecology	1	WP	T2	SLE103 or SLE144
SLE223	Water Quality and Ecological Health	1	WP	T2	One of SLE133, SLE155, SLE150
SLE348	Freshwater Biology	1	WP	T1	SLE111 or SLE132
SEV322	Hydraulics and Hydrology	1	WP, C	T1	SEM218
SLE304	Geographic Information Systems: Uses in Aquatic Environments	1	WP	T1	Any 2 level two science course-grouped units

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