

BIOLOGY Major Advising Plan

PLU Course	Major Requirement	Program	Course Abroad
BIOL 330SA	BIOL 330	Trinidad & Tobago Gateway	BIOL 1364: Genetics I
BIOL 330SA	BIOL 330	Victoria University of Wellington, New Zealand	BIOL 241: Genetics
BIOL 330SA	BIOL 330	U of Tasmania, Australia	KPZ215: Genetics & Evolution
Cellular & Molecular Biology			
BIOL 350SA	Cellular & Molecular Biology	Namibia Gateway	MBG3711: Microbial Genetics
BIOL 350SA	Cellular & Molecular Biology	Namibia Gateway	MBL3701: Recombinant DNA Technology
BIOL 350SA	Cellular & Molecular Biology	Namibia Gateway	MBL3631: Cell Molecular Biology and Genetics
BIOL 350SA	Cellular & Molecular Biology	Trinidad & Tobago Gateway	BIOL 2265: Fundamentals of Microbiology
BIOL 350SA	Cellular & Molecular Biology	U of Aberdeen, Scotland	BI20B2: Physiology of Human Cells
BIOL 342SA	Cellular & Molecular Biology	USN Gateway (Bo, Norway)	Microbiology
BIOL 350SA	Cellular & Molecular Biology	U of Tasmania, Australia	KLA 210: Microbiology
BIOL 350SA	Cellular & Molecular Biology	U of Tasmania, Australia	JFA 305: Aquatic Molecular Biology
BIOL 350SA	Cellular & Molecular Biology	U of Tasmania, Australia	CBA 265: Molecular Biology in Health & Diseases
BIOL 350SA	Cellular & Molecular Biology	U of Aberdeen, Scotland	BI20ME: Molecular Biology of the Gene
BIOL 350SA	Cellular & Molecular Biology	U of Aberdeen, Scotland	BC3503: The Molecular Control of Cell Function
BIOL 350SA	Cellular & Molecular Biology	Victoria University of Wellington, New Zealand	BIOL 252: Cell & Developmental Biology
BIOL 350SA	Cellular & Molecular Biology	U of Aberdeen, Scotland	BI25M5: Microbes, Infection & Immunity
BIOL 350SA	Cellular & Molecular Biology	U of Tasmania, Australia	CXA300: Human Molecular Biology
BIOL 350SA	Cellular & Molecular Biology	Victoria University of Wellington, New Zealand	BIOL 340: Genes and Genomes
BIOL 350SA	Cellular & Molecular Biology	Victoria University of Wellington, New Zealand	BIOL 234: Microbes and their Environments
BIOL 350SA	Cellular & Molecular Biology	U of Aberdeen, Scotland	BI25M7: Energy for Life
BIOL 350SA	Cellular & Molecular Biology	Trinidad & Tobago Gateway	BIOC 3500: Molecular Virology
BIOL 350SA	Cellular & Molecular Biology	Trinidad & Tobago Gateway	BIOL 2164: Principles of Molecular Biology
BIOL 350SA	Cellular & Molecular Biology	Trinidad & Tobago Gateway	BIOL 3772: Plant Development
BIOL 350SA	Cellular & Molecular Biology	Trinidad & Tobago Gateway	BIOC 2162: Circulatory and Secretory Systems
BIOL 350SA	Cellular & Molecular Biology	Trinidad & Tobago Gateway	BIOC 2262: Gene Expression
BIOL 350SA	Cellular & Molecular Biology	Trinidad & Tobago Gateway	BIOL 3162: Principles of Microbial Biotechnology
Organism Structure & Function			

BIOL 350SA	Organism Structure & Function	Namibia Gateway	BLG3611: Animal Form and Function
BIOL 350SA	Organism Structure & Function	Namibia Gateway	MBL3771: Physiology
BIOL 350SA	Organism Structure & Function	Trinidad & Tobago Gateway	BIOL 2764: Physiology of Plants
BIOL 350SA	Organism Structure & Function	U of Tasmania, Australia	KLA346: Plant Pathology
BIOL 350SA	Organism Structure & Function	U of Aberdeen, Scotland	BI2510: Principles of Animal Physiology
BIOL 350SA	Organism Structure & Function	U of Tasmania, Australia	KPA214: Plants in Action
BIOL 350SA	Organism Structure & Function	Victoria University of Wellington, New Zealand	BIOL 243: Physiology & Pharmacology
BIOL 350SA	Organism Structure & Function	U of Aberdeen, Scotland	DB3804: Development of Organ Systems
BIOL 350SA	Organism Structure & Function	Trinidad & Tobago Gateway	BIOL 2867: Physiology of Animals
BIOL 350SA	Organism Structure & Function	Trinidad & Tobago Gateway	BIOC 3364: Biochemical Basis of Disease
BIOL 350SA	Organism Structure & Function	Trinidad & Tobago Gateway	BIOL 3866: Parasite Biology
Ecology and Evolution			
BIOL 350SA	Ecology and Evolution	Namibia Gateway	EBL3721: Biosystematics I
BIOL 350SA	Ecology and Evolution	Namibia Gateway	MBL3611: Microbial Systematics
BIOL 368SA	Ecology and Evolution	Namibia Gateway	EBL3631: Introduction to Ecology
BIOL 350SA	Ecology and Evolution	Namibia Gateway	BLG3701: Microbial Ecology
BIOL 369SA	Ecology and Evolution	Namibia Gateway	EBL3751: Aquatic Ecology
BIOL 367SA	Ecology and Evolution	Namibia Gateway	EBL3771: Conservation Biology and Biodiversity
BIOL 368SA	Ecology & Evolution	U of Aberdeen, Scotland	BI2020: Ecology
BIOL 350SA	Ecology & Evolution	Trinidad & Tobago Gateway	BIOL 3465: Tropical Forest Ecology and use
BIOL 350SA	Ecology & Evolution	U of Tasmania, Australia	KPA210: Plants of Tasmania
BIOL 350SA	Ecology & Evolution	Victoria University of Wellington, New Zealand	BIOL 219: New Zealand Flora and Fauna
BIOL 350SA	Ecology & Evolution	U of Aberdeen, Scotland	BI15F1: Plants and their Habitats in Northern Scotland
BIOL 461SA	Ecology & Evolution	Victoria University of Wellington, New Zealand	BIOL 329: Evolution
BIOL 350SA	Ecology & Evolution	USN Gateway (Bo, Norway)	Alpine Ecology
BIOL 350SA	Ecology & Evolution	Victoria University of Wellington, New Zealand	BIOL 372: Applied Marine Biology
BIOL 369SA	Ecology & Evolution	U of Aberdeen, Scotland	BI25Z5: Fundamentals in Marine Biology
BIOL 368SA	Ecology & Evolution	Victoria University of Wellington, New Zealand	BIOL 222: Ecology and Environment
BIOL 350SA	Ecology & Evolution	Victoria University of Wellington, New Zealand	BIOL 271: Introductory Marine Ecology
BIOL 367SA	Ecology & Evolution	U of Aberdeen, Scotland	BI2509: Conservation Biology
BIOL 362SA	Ecology & Evolution	U of Aberdeen, Scotland	BI3505: Behavioural Biology
BIOL 350SA	Ecology & Evolution	Victoria University of Wellington, New Zealand	BIOL 227: Plants and Algae: Function and Diversity
BIOL 350SA	Ecology & Evolution	U of Tasmania, Australia	KSM 305: Aquatic Botany
BIOL 461SA	Ecology & Evolution	U of Aberdeen, Scotland	BI2017: Genes and Evolution

BIOL 350SA	Ecology & Evolution	U of Aberdeen, Scotland	DB4002: Evolution and Development
BIOL 350SA	Ecology & Evolution	Victoria University of Wellington, New Zealand	BIOL 132: Biodiversity and Conservation
BIOL 350SA	Ecology & Evolution	Victoria University of Wellington, New Zealand	BIOL 328: Behaviour and Conservation Ecology
BIOL 350SA	Ecology & Evolution	U of Aberdeen, Scotland	BI25F3: Parasitology
BIOL 367SA	Ecology & Evolution	USN Gateway (Bo, Norway)	Conservation Biology
BIOL 350SA	Ecology & Evolution	Victoria University of Wellington, New Zealand	BIOL 236: Environmental Microbiology
BIOL 350SA	Ecology & Evolution	U of Aberdeen, Scotland	BI25F1: Freshwater and Terrestrial Ecology
BIOL 350SA	Ecology & Evolution	USN Gateway (Bo, Norway)	Alpine Biodiversity and Climatic Change
BIOL 350SA	Ecology & Evolution	U of Aberdeen, Scotland	BI25P4: Plants, People, And The Environment
BIOL 350SA	Ecology & Evolution	Victoria University of Wellington, New Zealand	BIOL 228: Animal Diversity
BIOL 350SA	Ecology & Evolution	Victoria University of Wellington, New Zealand	BIOL 325: Global Change Biology: The Ecology of Our Planet Under Stress
BIOL 350SA	Ecology & Evolution	Victoria University of Wellington, New Zealand	BIOL 327: Population and Community Ecology
BIOL 350SA	Ecology & Evolution	CIEE Costa Rica, Tropical Ecology & Conservation	BIOL 3001: Tropical Diversity
BIOL 350SA	Ecology & Evolution	CIEE Costa Rica, Tropical Ecology & Conservation	ECOL 3001: Tropical Community Ecology
BIOL 462SA	Ecology & Evolution	Trinidad & Tobago Gateway	BIOL 3768: Plant Diversity & Systematics
BIOL 368SA	Ecology & Evolution	Trinidad & Tobago Gateway	BIOL 2464: Fundamentals of Ecology
BIOL 367SA	Ecology & Evolution	Trinidad & Tobago Gateway	BIOL 3466: Coastal Ecosystems & Resource Management
BIOL 350SA	Ecology & Evolution	Trinidad & Tobago Gateway	BIOL 3409: Caribbean Coral Reefs
BIOL 350SA	Ecology & Evolution	Trinidad & Tobago Gateway	BIOL 3462: The Ecology of Freshwaters
BIOL 350SA	Ecology & Evolution	Trinidad & Tobago Gateway	BIOL 3870: Insect Biology
General Upper-division Biology courses			
BIOL 495	Upper-division Biology	CIEE Costa Rica, Sustainability & the Environment	COOP/ENVT/BIOL Conservation and Sustainability Internship
BIOL 491	Upper-division Biology	CIEE Costa Rica, Tropical Ecology & Conservation	BIOL/ENVT Independent Research in Biology/Ecology
BIOL 491	Upper-division Biology	Trinidad & Tobago Gateway	BIOC 3069: Biochemistry Research Project
BIOL 491	Upper-division Biology	Trinidad & Tobago Gateway	BIOL 3774: Research and Practical Skills in Plant Biology
BIOL 350SA	Upper-division Biology	Trinidad & Tobago Gateway	BIOC 2169: Practical Skills in Biochemistry II
CHEM 403SA	Upper-division Biology (required pre-approval from BIOL Chair)	Trinidad & Tobago Gateway	BIOL 1362: Biochemistry I
Botanical			
BIOL 350SA	Botanical	U of Tasmania, Australia	KLA346: Plant Pathology
BIOL 350SA	Botanical	U of Tasmania, Australia	KPA214: Plants in Action
BIOL 350SA	Botanical	U of Aberdeen, Scotland	BI15F1: Plants and their Habitats in Northern Scotland

BIOL 350SA	Botanical	U of Aberdeen, Scotland	BI25P4: Plants, People, And The Environment
Zoological			
BIOL 350SA	Zoological	U of Aberdeen, Scotland	BI2510: Principles of Animal Physiology
BIOL 350SA	Zoological	Trinidad & Tobago Gateway	BIOL 2867: Physiology of Animals
BIOL 362SA	Zoological	U of Aberdeen, Scotland	BI3505: Behavioural Biology
BIOL 350SA	Zoological	Victoria University of Wellington, New Zealand	BIOL 228: Animal Diversity
Supporting Coursework			
MATH 145SA	MATH 151 or MATH 145 (B.S. Biology only)	Namibia Gateway	BLG3621: Biometrics I
MATH 145SA	MATH 151 or MATH 145 (B.S. Biology only)	U of Tasmania, Australia	KSM309: Quantitative Methods in Biology
MATH 145SA	MATH 151 or MATH 145 (B.S. Biology only)	U of Aberdeen, Scotland	BI3010: Statistical Analysis of Biological Data
MATH 151SA	MATH 151 or MATH 145 (B.S. Biology only)	Victoria University of Wellington, New Zealand	MATH 141: Calculus 1A
MATH 151SA	MATH 151 or MATH 145 (B.S. Biology only)	U of Aberdeen, Scotland	MA 1005: Calculus I
MATH 151SA	MATH 151 or MATH 145 (B.S. Biology only)	Namibia Gateway	MAT3611: Calculus I
MATH 151SA	MATH 151 or MATH 145 (B.S. Biology only)	U of Tasmania, Australia	KMA 152: Mathematics 1A
CHEM 115SA	CHEM 115	U of Tasmania, Australia	KRA 113: Chemistry 1A
CHEM 115SA	CHEM 115	Gateway Namibia	CHM3511: Chemistry 1A
CHEM 331SA	CHEM 331 (B.S. Biology only)	Gateway Namibia	CHM3651: Organic Chemistry I
CHEM 331SA	CHEM 331 (B.S. Biology only)	U of Aberdeen, Scotland	CM 2514: Organic & Biological Chemistry