

BIOLOGY PROGRAM WORKSHEETS 2010-11
Animal Biology Program Electives

Some courses listed here may not be available in the current year. Please check the UBC Course Schedule website for current course availability <http://courses.students.ubc.ca>!!! Please remember that Science students are only permitted to do 18 credits of courses from faculties other than Arts or Science (i.e. APBI, ANAT, CONS, FRST & MEDG) courses.

APBI 314 – Animals and Society	BIOL 434 – Population Genetics
APBI 315 – Animal Welfare and the Ethics of Animal Use	BIOL 436 – Integrated Functional Genomics
APBI 414 – Principles of Animal Breeding	BIOL 441 – Animal Cell Biology
APBI 495 – Principles of Wildlife Management in Forests and Agricultural Environments	BIOL 445 – Darwin's Fishes
ANAT 390 – Introduction to Microscopic Human Anatomy	BIOL 450 – Molecular Adaptation of Animals to the Environment
ANAT 391 – Introduction to Gross Human Anatomy	BIOL 454 - Comparative Animal Physiology
BIOC 302 – General Biochemistry	BIOL 455 – Comparative Neurobiology
BIOC 303 - Molecular Biochemistry	BIOL 456 – Comparative and Molecular Endocrinology
BIOL 301 – Biomathematics	BIOL 457 – Comparative Environmental Physiology
BIOL 305 – Biological/Geological Oceanography (EOSC 371)	BIOL 458 – Developmental Neurobiology
BIOL 310 – Animal Behaviour	BIOL 463 – Gene Regulation in Development
BIOL 325 – Animal Mechanics and Locomotion	BIOL 464 – Animal Development Genetics
BIOL 326 – Biology of Invertebrates	BIOL 465 – Diversity and Evolution of Fishes
BIOL 327 – Entomology (AGRO 327)	CONS 330 – Conservation Biology
BIOL 328 – Parasitology	EOSC 371 – Biological/Geological Oceanography (BIOL 305)
BIOL 331 – Developmental Biology	EOSC 474 – Marine Pollution (OCGY 410)
BIOL 332 – Protistology	EOSC 478 – Introduction to Fisheries Science (OCGY 420)
BIOL 336 - Evolutionary Genetics	FNH 452 - Ruminant Nutrition
BIOL 337 – Genetics Laboratory	FNH 454 – Fish Nutrition
BIOL 405 – Marine Ecology	FRST 386 – Aquatic Ecosystems and Fish in Forested Watersheds
BIOL 408 - Principles of Applied Ecology	FRST 395 – Forest Wildlife Ecology and Management
BIOL 409 - Field Course in Ecology	MATH 361 –Mathematical Biology
BIOL 410 – Current Topics in Animal Behaviour	MRNE 400/401/402 – Directed Studies/Special Topics in Marine Science ***
BIOL 411 - Insect Ecology	MRNE 410 – Marine Invertebrates
BIOL 413 – Zoogeography	MRNE 411 – Invertebrate Embryology
BIOL 416 – Conservation Biology	MRNE 412 – Biology of Fishes
BIOL 418 – Evolutionary Biology	MRNE 413 – Marine Molluscs
BIOL 419 – Ecological Parasitology	MRNE 430 – Marine Ecology
BIOL 425 – Biomechanics	MRNE 440 – Marine Birds
BIOL 426 - Mammalogy	MRNE 445 – Marine Mammals
BIOL 427 – Ornithology and Herpetology	
BIOL 430 – Genome Evolution	

*** MRNE 400/401/402 may be used as an Animal Biology elective only if the content has been agreed upon by the Animal Biology advisor.