

BCIA Pre-approved Courses for AABI Students

When selecting unrestricted electives, AABI students who are interested in registering with the BC Institute of Agrologists (BCIA) as an AAg (Articling Agrologist) or PAg (Professional Agrologist) are encouraged to select from the list of courses pre-approved by the BCIA below to ensure they meet the requirements. If a course is not on the pre-approved list, students can request to have it reviewed for approval by including the syllabus in an email to admin@bcia.com. Courses are generally not reviewed in advance of submitting an application.

*Course requires supporting documentation; may or may not be accepted depending on subject matter

Yellow highlight = required AABI courses or equivalent (please refer to [this link](#) for AABI requirements)

Blue highlight = additional courses required for Honours in AABI

Foundational Knowledge Courses → *select 8 total*

Natural Science Courses

- ☐ BIOL_V 112 Biology of the Cell
- ☐ BIOL_V 121 Genetics, Evolution and Ecology
- ☐ BIOL_V 200 Fundamentals of Cell Biology
- ☐ BIOL_V 201 Introduction to Biochemistry
- ☐ BIOL_V 230 Fundamentals of Ecology
- ☐ BIOL_V 234 Fundamentals of Genetics
- ☐ BIOL_V 260 Fundamentals of Physiology
- ☐ CHEM_V 121 (CHEM_V 111) Structure and Bonding in Chemistry
- ☐ CHEM_V 123 (CHEM_V 113) Thermodynamics, Kinetics and Organic Chemistry
- ☐ CHEM_V 233 Organic Chemistry for the Biological Sciences
- ☐ EOSC_V 315 The Ocean Ecosystem
- ☐ PHYS_V 100 Introductory Physics
- ☐ PHYS_V 131 Energy and Waves
- ☐ PHYS_V 117 Dynamics and Waves

Mathematics, Calculus & Statistics Courses

- ☐ BIOL_V 300 Fundamentals of Biostatistics
- ☐ FRST_V 231 Introduction to Biometrics
- ☐ FRST_V 430 Advanced Biometrics
- ☐ LFS_V 252 Land, Food and Community: Quantitative Data Analysis
- ☐ MATH_V 100 Differential Calculus with Applications
- ☐ MATH_V 101 Integral Calculus with Applications
- ☐ MATH_V 180 Differential Calculus with Physical Applications
- ☐ STAT_V 200 Elementary Statistics for Applications

Economics, Communications/Writing and Computer Science

- ☐ APBI_V 398 Research Methods in Applied Biology
- ☐ ECON_V 101 (ECON_V 310) Principles of Microeconomics
- ☐ ECON_V 102 Principles of Macroeconomics

- ☐ ECON_V 310 (ECON_V 101) Principles of Microeconomics
- ☐ LFS_V 150 Scholarly Writing and Argumentation in Land and Food Systems

Agrology Courses → *select 20 total, 8 of which must be at the 300 level or higher*

100-200 Level Agrology Courses

- ☐ APBI_V 260 Agroecology I: Introduction to Principles and Techniques
- ☐ APBI_V 265 Sustainable Agriculture and Food Systems
- ☐ BIOL_V 204 Vertebrate Structure and Function
- ☐ BIOL_V 205 Comparative Invertebrate Zoology
- ☐ LFS_V 250 Land, Food and Community I: Introduction to Food Systems and Sustainability

300-400+ Level Agrology Courses

- ☐ APBI_V 311 (BIOL_V 364) Comparative Cardiovascular, Respiratory and Osmoregulatory Physiology
- ☐ APBI_V 312 Reproductive and Digestive Physiology
- ☐ APBI_V 314 Animals and Society
- ☐ APBI_V 315 Animal Welfare and the Ethics of Animal Use
- ☐ APBI_V 316 Equine Biology, Health and Welfare
- ☐ APBI_V 327 (BIOL_V 327) Introduction to Entomology
- ☐ APBI_V 360 Agroecology II: Application and Analysis
- ☐ APBI_V 361 Key Indicators of Agroecosystem Sustainability
- ☐ APBI_V 410 Applied Animal Health and Physiology
- ☐ APBI_V 414 Animals and Global Issues
- ☐ APBI_V 419 Fish Health
- ☐ APBI_V 428 Integrated Pest Management
- ☐ APBI_V 444 (FRST_V 444) Agroforestry
- ☐ APBI_V 460 Agroecology III: Synthesis and Evaluation
- ☐ APBI_V 497* Directed Studies
- ☐ APBI_V 499* Undergraduate Thesis
- ☐ BIOL_V 310 Introduction to Animal Behaviour
- ☐ BIOL_V 327 (APBI_V 327) Introduction to Entomology
- ☐ BIOL_V 328 Introductory Parasitology
- ☐ BIOL_V 331 Developmental Biology
- ☐ BIOL_V 335 Molecular Genetics
- ☐ BIOL_V 336 Fundamentals of Evolutionary Biology
- ☐ BIOL_V 338 Introduction to Genomics
- ☐ BIOL_V 364 (APBI_V 311) Comparative Cardiovascular, Respiratory and Osmoregulatory Physiology
- ☐ BIOL_V 402 Aquatic Ecology
- ☐ BIOL_V 416 Principles of Conservation Biology
- ☐ BIOL_V 427 Ornithology and Herpetology
- ☐ BIOL_V 454* Comparative Animal Physiology

- ☐ BIOL_V 464 Animal Developmental Genetics
- ☐ CONS_V 330 Conservation Science and Sustainability
- ☐ CONS_V 486 Fish Conservation and Management
- ☐ EOSC_V 470 Biological Oceanography
- ☐ EOSC_V 478 Introduction to Fisheries Science
- ☐ FNH_V 350 Fundamentals of Nutrition
- ☐ FRST_V 302 Forest Genetics
- ☐ FRST_V 308 Forest Entomology
- ☐ FRST_V 386 Aquatic Ecosystems and Fish in Forested Watersheds
- ☐ FRST_V 395 Forest Wildlife Ecology and Management
- ☐ FRST_V 444 (APBI_V 444) Agroforestry
- ☐ LFS_V 302A* International Field Studies
- ☐ LFS_V 350 Land, Food and Community II