

BACHELOR OF SCIENCE (AGRICULTURAL AND ENVIRONMENTAL SCIENCES) - B.SC. (AG.ENV.SC.)

Students register in one **major** and at least one **specialization**. They may design their own program by choosing any major, and at least one specialization (see notes below for the majors in Environment and specializations in Agricultural Economics). By choosing two different specializations, students have the option of developing their own interdisciplinary interests. They may also choose to do a minor. The multidisciplinary specialization is designed for those interested in broad training.

Note: Students choosing the major in Environment will select a concentration instead of a specialization.

Note: Specializations in the Agricultural Economics major are restricted to Agricultural Economics students.

All the required and complementary courses for the major must be completed in full. Within each specialization, at least 18 credits must be unique, i.e., they only count for that specialization and do not overlap with either the major or a second specialization. At least 12 credits must be from 400-level courses or higher.

These programs are also available as **honours** programs for students after they have completed their U2 year if they meet the requirements. See individual programs for details.

Majors and Honours

Graduates of programs marked with an asterisk (*) can be eligible for membership in the *Ordre des agronomes du Québec* and other provincial institutes of agriculture.

- Agricultural Economics *
- Agro-environmental Sciences *
- Environmental Biology
- Global Food Security
- Life Sciences (Biological and Agricultural)
- Environment – see Major in Environment - B.Sc.(Ag.Env.Sc.) and B.Sc.

Full program descriptions are listed at B.Sc.(Ag.Env.Sc.) Major and Honours Programs (p. 1).

Note: In the program description for each major is a suggested list of specializations that complement that major.

Specializations

Each specialization consists of 24 credits of courses (required and complementary) that provide a coherent package designed to prepare students for a future in a given discipline. Students will select at least

one specialization. However, students wishing to broaden their training have the option of choosing to do two. Although the list of suggested specializations appears under each major in the programs section, students interested in other specializations should consult with their academic advisor.

The following are specializations for the major programs listed above in Agricultural Economics, Agro-Environmental Sciences, Environmental Biology, Global Food Security, and Life Sciences (Biological and Agricultural).

Complete descriptions of specialization programs can be found below:

- Agribusiness Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Animal Biology Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Animal Health and Disease Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Animal Production Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Applied Ecology Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Environmental Economics Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- International Agriculture Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Life Sciences (Multidisciplinary) Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Microbiology and Molecular Biotechnology Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Plant Biology Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Plant Production Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Professional Agrology Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Professional Agrology for Agribusiness Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Soil and Water Resources Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Wildlife Biology Major (B.Sc.(Ag.Env.Sc.)) (24 credits)

Available Programs

- Agribusiness Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Agricultural Economics Honours (B.Sc.(Ag.Env.Sc.)) (42 credits)
- Agricultural Economics Major (B.Sc.(Ag.Env.Sc.)) (42 credits)
- Agro-Environmental Sciences Major (B.Sc.(Ag.Env.Sc.)) (42 credits)
- Animal Biology Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Animal Health and Disease Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Animal Production Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Applied Ecology Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Bachelor of Science (Agricultural and Environmental Sciences) - B.Sc.(Ag.Env.Sc.) (p. 1)
- Environmental Biology Honours (B.Sc.(Ag.Env.Sc.)) (54 credits)
- Environmental Biology Major (B.Sc.(Ag.Env.Sc.)) (42 credits)
- Environmental Economics Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- International Agriculture Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Life Sciences (Biological and Agricultural) Honours (B.Sc.(Ag.Env.Sc.)) (54 credits)
- Life Sciences (Biological and Agricultural) Major (B.Sc.(Ag.Env.Sc.)) (42 credits)
- Life Sciences (Multidisciplinary) Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Microbiology and Molecular Biotechnology Major (B.Sc.(Ag.Env.Sc.)) (24 credits)

- Plant Biology Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Plant Production Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Professional Agrology for Agribusiness Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Professional Agrology Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Soil and Water Resources Major (B.Sc.(Ag.Env.Sc.)) (24 credits)
- Wildlife Biology Major (B.Sc.(Ag.Env.Sc.)) (24 credits)