

# Common Page Elements

## Top Banner

- The Queen's University webmark
  - The guidelines require this to be the first thing on the page
  - Use the small black 2x PNG
  - The alt text "Queen's University" is also a requirement
- The Queen's University logo
  - Use the black PNG
- The text "Department of Agriculture"
  - This text must link to the home page
- Main navigation for the site
- Social media links
  - <https://www.facebook.com/QueensComputing>
  - <https://twitter.com/queenscomputing>

## Bottom Banner

- The unit signature
- The department's address:  
MacGillivray-Brown Hall  
218 Barrie St.  
Kingston, ON  
K7L 3K3
- Contact information – you must be able to click on these to email or call:  
[agriculture@queensu.ca](mailto:agriculture@queensu.ca)  
613-555-5555

# Individual Pages

## Home Page

[Use the title “Sustain and Secure”]

The purpose and focus of the Department of Agriculture is to provide education and research that promote food security and sustainability. This discipline approaches these challenges from three perspectives:

1. economic,
2. environmental and
3. social.

## About

Agriculture is a highly multi-disciplinary field; students can expect to study mathematics, biology, chemistry, economics and sociology. It is vital to understand all of the factors that affect food sustainability and ensure or threaten food security.

Agricultural production systems are facing increasing competition from other sectors for limited natural resources. The availability of these resources and their quality are also being affected by unsustainable management practices and changing climatic and weather conditions. To respond to this situation, the agriculture sectors must improve their sustainability performance and adapt to the impacts of climate change in ways that do not compromise global efforts to ensure food security for all. These challenges are intimately and inextricably related, and need to be addressed simultaneously. --- *Climate Smart Agriculture Sourcebook*, The Food and Agriculture Organization of the United Nations committees. Click here to visit their website. [Add a link to <http://www.fao.org> for the previous sentence.]

## Programs

### Crop Science

Students in Crop Science study not only crop production and management, but the plants themselves.

### Food Science

Students in Food Science study the development, safety and supply of food.

### Common First Year

If you enrol in Agriculture, there is no need to declare a plan/major immediately. Both Crop Science and Food Science have a common first year; you can make your choice after you've been introduced to both topics.

| Department         | Course Code | Name                               | Units     |
|--------------------|-------------|------------------------------------|-----------|
| Mathematics        | MATH 121    | Differential and Integral Calculus | 6         |
| Chemistry          | CHEM 112    | General Chemistry                  | 6         |
| Biology            | BIOL 102    | Introductory Biology of Cells      | 3         |
|                    | BIOL 103    | Introductory Biology of Organisms  | 3         |
| Agriculture        | AGRI 105    | Fundamentals of Crop Science       | 3         |
|                    | AGRI 106    | Fundamentals of Food Science       | 3         |
| Elective(s)        |             |                                    | 6         |
| <b>Total Units</b> |             |                                    | <b>30</b> |

The Faculty of Arts and Science requires students to declare a plan/major once they have completed 24 units (or more). This typically occurs at the end of their first year. See: <https://www.queensu.ca/artsci/undergrad-students/plan-selection>.