# AGRICULTURAL SCIENCE, B.S.

**Begin Campus:** Any Penn State Campus

**End Campus:** University Park

## Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2023-24 academic year. To access previous years' suggested academic plans, please visit the archive (https://bulletins.psu.edu/undergraduate/archive/) to view the appropriate Undergraduate Bulletin edition (*Note: the archive only contains suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin*).

### Agricultural Science, B.S. at University Park Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

**First Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| ENGL 15, 30H, or ESL 15‡† | 3 | General Education Course (GQ)‡† | 3 |
| General Education Course (GQ)‡† | 3 | CHEM 101 or 110 | 3 |
| BIOL 110, 11 ***and*** 12, or BISC 3 | 3-4 | CAS 100, CAS 100A, CAS 100B, or CAS 100C‡† | 3 |
| AGSC 100 | 1 | General Education Course | 3 |
| Agriculture Course (any College of Agricultural Sciences course) | 3 | Agriculture Course (any College of Agricultural Sciences course) | 3 |
| General Education Course | 3 | | |
| | **16-17** | | **15** |

**Second Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| ANSC 290, AEE 100, ERM 151, AG 100, or SC 101 (Careers in Agriculture) | 1-2 | AGECO 144, 457, PLANT 217, ENT 457, ERM 210, FDSC 200, or ANSC 207 ***and*** ANSC 208 (Technology in Agriculture) | 3 |
| Animal Science Course (any ANSC course) | 3 | SOILS 412W, AGECO 122, EGEE 101, FOR 470, METEO 122, CED 327, SOILS 71, SOILS 101, or WFS 209N (Natural Resources/Ecology) | 3 |
| General Education Course | 3 | General Education Course | 3 |
| General Education Course | 3 | College of Agricultural Sciences Minor Course* | 3 |
| AG 160, 134, CED 201, FDSC 105, or STS 105 (Ag and Environmental Policy) | 3 | General Education Course | 3 |
| | **13-14** | | **15** |

**Third Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| ENGL 202C or 202D‡† | 3 | AEE 400, AGBM 338, CED 420W, CED 450, FOR 418, FOR 488Y, or 100 (International Agriculture) | 3 |
| AEE 311 or 465 | 3 | AEE 360 | 3 |
| SOILS 412W, AGECO 122, EGEE 101, FOR 470, METEO 122, CED 327, SOILS 71, SOILS 101, or WFS 209N (Natural Resources/Ecology) | 3 | Horticulture Course (any HORT course) | 3 |
| AEE 330W or 440 | 3 | General Education Course | 3 |
| College of Agricultural Sciences Minor Course* | 3 | Elective | 3 |
| | **15** | | **15** |

**Fourth Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| AEE 460 | 3 | Crop Managment Course (any AGECO, AGRO, or ENT course) | 3 |
| College of Agricultural Sciences Minor Course* | 3 | College of Agricultural Sciences Minor Course* | 3 |
| College of Agricultural Sciences Minor Course* | 3 | College of Agricultural Sciences Minor Course* | 3 |
| Ag Economics & Rural Sociology Course (any AGBM, CED, or RSOC course) | 3 | Agriculture Course (any College of Agricultural Sciences course) | 3 |
| Elective | 4 | Elective | 3 |
| General Education Course (GHW) | 1.5 | General Education Course (GHW) | 1.5 |
| | **17.5** | | **16.5** |

**Total Credits 123-125**

* Course requires a grade of C or better for the major
‡ Course requires a grade of C or better for General Education
# Course is an Entrance to Major requirement
† Course satisfies General Education and degree requirement

**University Requirements and General Education Notes:**

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the

GWS designation and replace both ENGL 30H and CAS 100. Each course is 3 credits.

**Advising Notes:**

- Students must complete a minor in the College of Agricultural Sciences (18-21 credits).
- Work with your academic adviser in the development of your plan as some courses are not taught every semester.

## Agricultural Science, B.S. at Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

**First Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| ENGL 15, 30H, or ESL 15‡† | 3 | General Education Course (GQ)‡† | 3 |
| General Education Course (GQ)‡† | 3 | CHEM 101 or 110 | 3 |
| BIOL 110, 11 ***and*** 12, or BISC 3 | 3-4 | CAS 100, CAS 100A, CAS 100B, or CAS 100C‡† | 3 |
| General Education Course | 3 | General Education Course | 3 |
| General Education Course | 3 | Agriculture Course (any College of Agricultural Sciences course) | 3 |
| | **15-16** | | **15** |

**Second Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| SOILS 412W, AGECO 122, EGEE 101, FOR 470, METEO 122, CED 327, SOILS 71, SOILS 101, or WFS 209N (Natural Resources/Ecology) | 3 | ENGL 202C or 202D‡† | 3 |
| Agriculture Course (any College of Agricultural Sciences course) | 3 | SOILS 412W, AGECO 122, EGEE 101, FOR 470, METEO 122, CED 327, SOILS 71, SOILS 101, or WFS 209N (Natural Resources/Ecology) | 3 |
| Elective | 3 | General Education Course | 3 |
| General Education Course | 3 | General Education Course | 3 |
| General Education Course | 3 | Agriculture Course (any College of Agricultural Sciences course) | 3 |
| | **15** | | **15** |

**Third Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| AEE 311 or 465 | 3 | AEE 400, AGBM 338, CED 420W, CED 450, FOR 418, FOR 488Y, or 100 (International Agriculture) | 3 |
| AGECO 144, 457, PLANT 217, ENT 457, ERM 210, FDSC 200, or ANSC 207 ***and*** ANSC 208 (Technology in Agriculture) | 3 | AEE 360 | 3 |
| AEE 330W or 440 | 3 | Horticulture Course (any HORT course) | 3 |
| ANSC 290, AEE 100, ERM 151, AG 100, or SC 101 (Careers in Agriculture) | 1 | Animal Science Course (any ANSC course) | 3 |
| College of Agricultural Sciences Minor Course* | 3 | College of Agricultural Sciences Minor Course* | 3 |
| Elective | 2 | | |
| | **15** | | **15** |

**Fourth Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| AEE 460 | 3 | AG 160, 134, CED 201, FDSC 105, or STS 105 (Ag and Environmental Policy) | 3 |
| College of Agricultural Sciences Minor Course* | 3 | Crop Managment Course (any AGECO, AGRO, or ENT course) | 3 |
| College of Agricultural Sciences Minor Course* | 3 | College of Agricultural Sciences Minor Course* | 3 |
| Elective | 3 | College of Agricultural Sciences Minor Course* | 3 |
| Ag Economics & Rural Sociology Course (any AGBM, CED, or RSOC course) | 3 | Elective | 3 |
| General Education Course (GHW) | 1.5 | General Education Course (GHW) | 1.5 |
| | **16.5** | | **16.5** |

**Total Credits 123-124**

* Course requires a grade of C or better for the major
‡ Course requires a grade of C or better for General Education
# Course is an Entrance to Major requirement
† Course satisfies General Education and degree requirement

**University Requirements and General Education Notes:**

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**Advising Notes:**

- Students must complete a minor in the College of Agricultural Sciences (18-21 credits).
- Work with your academic adviser in the development of your plan as some courses are not taught every semester.