



The Associate of Arts degree (A.A.) at JCCC is a general transfer degree and partners well with the first two years of most bachelor degree programs. Students pursuing the A.A. may select courses that satisfy both the A.A. degree requirements and lower division requirements for a bachelor's degree at four-year institutions. The 33 hours of electives within the A.A. allow students to complete additional general education and lower division courses required for specific majors. The A.A. degree requires completion of 60 credit hours; please see [JCCC A.A. degree requirements](#). The maximum number of hours from a community college that will be applied toward a bachelor's degree at most four-year schools is between 60 and 63 credit hours or 50% of the degree. Meeting with a JCCC counselor is strongly recommended for selection of appropriate courses.

Students earning a Bachelor of Science in Plant Sciences are required to complete all [University general education](#), [University graduation](#) (see below), and degree requirements, including selected foundational courses, which may fulfill some University general education requirements. Students earning a degree in Plant Sciences must select at least [one emphasis area](#).

Click [here](#) for the University general education requirements with JCCC equivalents.

Note: The University general education guide with JCCC equivalents can be found at: <https://www.jccc.edu/student-resources/transfer/files/transfer-guides/mu-gen-ed-reqs.pdf>

If you are planning to transfer courses (including AP credit) and would like to information on how they apply to this degree, you can email CAFNRadvising@missouri.edu for general recommendations.

Undergraduate (University) Requirements - Undergraduate students must complete all University requirements as well as all requirements specified for the degree(s) and major(s), and requirements of the college or school, and department offering the degree. This would include the University general education requirements as well as the following:

- A second MU Writing Intensive course (must be completed with a grade of C- or better) must be completed in a student's major. It needs to be a 3000/4000 level MU WI course approved as part of the curriculum by the faculty of a student's major.
- Complete an approved capstone course* with MU course work in the student's major.
- Complete a minimum of 30 credit hours in MU-authored courses.
- Complete no fewer than 120 credit hours of coursework.
- Earn no less than a 2.00 GPA, as defined by the GPA of Record.
- Pass the Missouri Higher Education Civics Achievement Examination with a score of seventy percent or greater.

It is the STUDENT'S RESPONSIBILITY to check for updates to all transfer information. This transfer guide is provided as a service and is updated as needed. Degree requirements at the four-year colleges are subject to change by those institutions. To ensure you have the most accurate up to date information about the program, it is imperative you meet with an advisor at the transfer institution.

MU Plant Sciences, BS Requirements

| MU Course | Hrs | JCCC Course | Hrs |
|--|-----|--|----------|
| Foundational Courses | | | |
| BIO SC 1200 General Botany with Laboratory | 5 | BIOL 125 General Botany | 5 |
| CHEM 1400/1401 College Chemistry I/Lab <i>(required for BBB & Crop Mang emphasis)</i> OR CHEM 1100 Atoms and Molecules with Lab | 3/1 | CHEM 124/125 General Chemistry I Lecture*/Lab* OR CHEM 122 Principles of Chemistry* | 4/1 5 |
| COMMUN 1200 Public Speaking | 3 | COMS 121 Public Speaking | 3 |
| ECONOM 1015 Principles of Macroeconomics OR ECONOM 1014 Principles of Microeconomics | 3 | ECON 230 Principles of Macroeconomics OR ECON 231 Principles of Microeconomics | 3 |
| MATH 1100 College Algebra | 3 | MATH 171 College Algebra* | 3 |

| MU Course | Hrs | JCCC Course | Hrs |
|--|-----|---|--------|
| Horticultural Science & Design Emphasis Area Requirements | | | |
| CHEM 1100 Atoms and Molecules with Lab | 4 | CHEM 122 Principles of Chemistry* | 5 |
| PLNT SCI 2075 Environmental Horticulture | 3 | HORT 115 Home Horticulture | 2 |
| PLNT SCI 2210 Ornamental Landscape Plants I | 3 | HORT 214 Woody Plants, Deciduous OR HORT 215 Woody Plants, Evergreens | 3 |
| PLNT SCI 2215 Ornamental Landscape Plants II | 3 | HORT 220 Herbaceous Plants | 3 |
| Additional required coursework must be taken at MU. | | | |
| <i>Select five courses from the following:</i> | | | |
| PLNT SCI 2254 Landscape Design | 3 | HORT 135 Landscape Design | 3 |
| PLNT SCI 3355 Introductory Turfgrass Management | 3 | HORT 140 Turfgrass I AND HORT 240 Turfgrass II* | 3 3 |

*JCCC course has a pre-requisite or co-requisite.