***Horticulture:*** *Associate in Science – Non-Transfer*

Almost every community in Southern California has at least one golf course. Keeping “greens” green and fairways “playable” takes as much skill as the golfers who play on them. These skills are particularly important given the challenging environmental conditions and state and federal laws governing these endeavors in Southern California.

***Please see a Pathways Counselor:*** A local degree requires a minimum of 60 degree-applicable units with a minimum 2.0 GPA overall. [Contact a Counselor](https://www.msjc.edu/hub/) to create an education plan customized to meet your needs.

Transfer Majors/Award Focus

* Horticulture/Turf & Landscape Management, Non-transfer A.S.
* Horticulture/Turf & Landscape Management, Certificate

GE Pattern/Units

* GE Pattern: Option A
* Total Units: 60-61

**Program maps** indicate the major coursework and recommended general education courses to fulfill your degree in 2 years (approximately 15 units/semester or 30 units/year). If you are a part-time student, start Semester 1 courses and follow the course sequence. Some of the courses listed may be substituted by another course. Please view these options in the official course [catalog](https://catalog.msjc.edu/instructional-programs/).

***Semester 1 16 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| a | COURSE | TITLE | UNIT |
| c | HORT-501 | Horticulture Science | 3 |
| c | HORT-109 | Landscape Design | 3 |
| c | HORT-510 | Law & Regulations | 3 |
| c | PS-101 | Introduction to Political Science | 3 |
| c | ENGL-101 | English Composition | 4 |

***Semester 2 16 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| a | COURSE | TITLE | UNIT |
| c | HORT-502 | Introduction to Turfgrass Management | 3 |
| c | HORT-505 | Golf Course/Landscape Irrigation | 3 |
| c | HORT-507 | Arboriculture | 3 |
| c | MATH-105 | College Algebra 1 | 4 |
| c | COMM-103 | Interpersonal Communication | 3 |

Career Options

Landscaping and Groundskeeping Workers (SM, C, A)

Soil and Plant Scientists (B, M)

Find more careers: [msjc.emsicc.com](http://msjc.emsicc.com)

Required Education: SM: some college; C: Certificate; A: Associate, B: Bachelor’s, M: Master’s

***Notes:***

## 1 AREA G (Math Competency) can be demonstrated by a high school math course at or above the level of Algebra 2 with a grade of C or better

Financial Aid

Financial aid is determined by the number of credit hours you take in a semester. Maximize your financial aid by taking 12-15 units per semester.

***Semester 3*** ***16 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| a | COURSE | TITLE | UNIT |
| c | HORT-503 | Advanced Turfgrass Management | 3 |
| c | HORT-504 | Soil Science & Management | 3 |
| c | HORT-506 | Pesticide Law & Regulations | 3 |
| c | SPAN-101 | Elementary Spanish 1 (or higher) | 4 |
| c | GEOG-111 | Geography of CA | 3 |

***Semester 4 12-13 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| a | COURSE | TITLE | UNIT |
| c | CSCR-116 | Integrative Career/Life Planning | 2 |
| c | BIOL-144 | Plant Biology | 4 |
| c | CWEE-549/MGT-500 | Cooperative Work Experience or Introduction to Management | 2-3 |
| c | ART-104 | World Art | 3 |

Work Experience

Sign up for a special project or internship opportunity. Gain [work experience](https://msjc.edu/careereducation/cwee/index.html) and earn credits.