

# HORTICULTURE SCIENCE (CERTIFICATE N0489)

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## Natural Sciences Division Certificate N0489

This certificate is designed to give students basic knowledge and skills pertaining to horticulture science.

### Required Courses

Course Prefix	Course Name	Units
AGOR 1	Horticultural Science	3
AGOR 24	Integrated Pest Management	3
AGOR 29	Ornamental Plants - Herbaceous	3
AGOR 30	Ornamental Plants - Trees and Woody Shrubs	3
AGOR 39	Turf Grass Production and Management	3
AGOR 50	Soil Science and Management	3
Total Units		18

Guided Pathways of Study Suggested Course Sequence (<https://www.mtsac.edu/guided-pathways/pathway-results.html?pathwyvar=N0489&desc=Horticulture+Science+Certificate+N0489>)

### Program Learning Outcomes

*Upon successful completion of this program, a student will be able to:*

- explain the binomial method of plant nomenclature
- evaluate the soil conditions at an existing site and make specific recommendations for the immediate and long-term correction of all problems
- give a professional quality oral presentation

Review [Student Learning Outcomes \(SLOs\)](#) for this program.