



Horticulture

# Mt. San Antonio College's Horticulture Programs

Orientation  
Fall, 2021

# Introduction of Staff

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- Brian Scott - Department Chair, Soils, Turf, Construction, Design, etc.
- Jennifer Hinothroza – Hort. Science, ID, Arboriculture, Interiors, etc.
- Chaz Perea – Hort. Science, IPM, Parks, ID, Irrigation
- Jesus Ramirez – Horticulture Unit Supervisor and Adjunct Professor - Propagation
- Irma Arvizu– Horticulture Production Assistant

# Introduction of Staff - continued

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- Bruce Carleton – Farm Manager
- Bill Millward - Irrigation
- Gretchen Heimlich– IPM
- Alicia Baugh– Nursery Management, Design
- Danny Akers – Construction
- Michael Bennett - Equipment

# Program Declaration

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- Make sure to declare your goal (Certificate or Degree)!!!!

## Associates Degrees

- Ornamental Horticulture
- Park and Sports Turf Management
- Integrated Pest Management
- Plant Science AS-T
- Agriculture Science and Technology

## Certificates of Achievement

- Horticulture Science
- Interior Landscaping
- Landscape Design I
- Landscape Design II
- Landscape Irrigation
- Landscape Construction
- Landscape and Park Maintenance
- Nursery Management
- Tree Care and Maintenance
- Sports Turf Management
- Park Management

# Associates Degree Programs

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- Students will receive an Associates of Science Degree (A.S. Degree)
- Requires completion of General Education classes in addition to the core classes.

# Certificate Programs

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- Only require completion of specified Core Courses
- 6 courses – 18 Units
- Often used for job advancement within a company or to prove job skills.

# Completion of Certificates and Degrees

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- You can earn Certificates and Degrees at the same time.
- Double Major – You can complete a second A.S. degree with the completion of 18 additional units.
- Certificates and Degrees are not automatically given to you when you have completed your required classes.
- You must submit the required paperwork to request them from the Admissions and Records office.

# Catalog Rights

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- You have “Catalog Rights” for the year that you started the program
  - You must be a continuous student, and may not miss more than 1 semester (Fall or Spring) or your catalog rights start from when you return.
  - There is an exception if you miss more than one semester because you are in the military.
- Catalog rights means that if your degree or certificate requirements change while you are attending school, you are held to the original requirement.
- Refer to the catalog from the year you started!



# Applying for Certificates

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- You must fill out an “Application for Certificate” available on the Admissions and Records website.
- The form is submitted to Admissions and Records
- All transcripts from other colleges or universities must be either included with the petition or on file in the Admissions Office.
- At least half of the units for the certificate must have been completed at Mt. SAC.

# Graduation Checks

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- Associates degrees are not automatically conferred. You must complete a graduation check.
- It is recommended that you complete your graduation check one year before your expected finish date.
- Grad Checks **must** be completed by the 7<sup>th</sup> week of the semester when you plan to graduate.
- Application for graduation is available on the Mt. SAC Admissions and Records website.

# Associates of Science Degrees

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- Have a “grad check” performed by the Advising Center.
- Completely fill out a Graduation Petition form and submit it by the deadline for the semester in which you plan to graduate.
- If you are seeking to substitute a course completed at another school or one course for another, you need to petition for a variance with the appropriate department/division.
- All transcripts from other colleges or universities must be either included with the petition or on file in the Admissions Office.
- Submit the petition to the Admissions Office.

# Course Offering Frequency

HORTICULTURE COURSE OFFERINGS AT MT. SAC			COURSE OFFERED:			
CLASS #	CLASS NAME	UNITS	FALL	WINTER	SPRING	SUMMER
AGOR 1	HORTICULTURE SCIENCE	3	X	X	X	X
AGOR 2	PLANT PROPAGATION	3	X		X	
AGOR 5	PARK FACILITIES	3			X	
AGOR 13	LANDSCAPE DESIGN	3	X		X	
AGOR 15	INTERIOR LANDSCAPING	3	X			
AGOR 24	INTEGRATED PEST MANAGEMENT	3	X		X	
AGOR 29	ORNAMENTAL PLANTS: HERBACEOUS	3			X	
AGOR 30	ORNAMENTAL PLANTS: TREES AND WOODY SHRUBS	3	X			
AGOR 32	LANDSCAPING AND NURSERY MANAGEMENT	3			X	
AGOR 35	ORNAMENTAL PLANTS FOR SOUTHWEST CLIMATES	3			X	
AGOR 39	TURFGRASS MANAGEMENT	3			X	
AGOR 40	SPORTS TURF MANAGEMENT	3	X			
AGOR 50	SOIL SCIENCE AND MANAGEMENT	3	X		X	
AGOR 51	TRACTOR AND LANDSCAPE EQUIPMENT OPERATIONS	3	X		X	X
AGOR 53	SMALL ENGINE REPAIR 1	3	X			
AGOR 62	LANDSCAPE IRRIGATION-DESIGN AND INSTALLATION	3	X		X	
AGOR 63	LANDSCAPE IRRIGATION SYSTEMS MANAGEMENT	3	X			
AGOR 64	LANDSCAPE IRRIGATION-DRIP AND LOW VOLUME	3			X	
AGOR 71	LANDSCAPE CONSTRUCTION FUNDAMENTALS	3	X			
AGOR 72	LANDSCAPE HARDSCAPE APPLICATIONS	3			X	
AGOR 73	LANDSCAPING LAWS, CONTRACTING AND ESTIMATING	3	X			
AGOR 75	URBAN ARBORICULTURE	3			X	
AGOR 91	WORK EXPERIENCE IN NURSERY OPERATIONS	1 to 4	X	X	X	X
AGAG 1	FOOD, LAND USE AND POLITICS	3	X	X	X	X

# Educational Plans

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- We do not require you to create a formal education plan, but we do recommend that you have one.
- Department faculty can help you with planning for core courses and basic general education information.
- For transfer information, see Antoine Thomas or one of the academic counselors.
  - Antoine Thomas, Counselor
    - Extension 5922
    - [athomas@mtsac.edu](mailto:athomas@mtsac.edu)

# Example Education Plan

Education Plan

APPROVED BY:

NAME: BRIAN SCOTT

Student: \_\_\_\_\_

TITLE: AGRICULTURAL SCIENCES DEPARTMENT CHAIR

Date: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

Courses Needed for A.S. in Integrated Pest Management

(Major # 50311)

	UNITS:	F 20	W 20	SP 20	SU 20	F 20	W 20	SP 20	SU 20
<b>Required courses:</b>									
AGOR 1 Horticulture Science 3.0									
AGOR 24 Integrated Pest Management 3.0									
AGOR 29 Ornamental Plants - Herbaceous 3.0									
AGOR 30 Ornamental PlantsTrees&Shrub 3.0									
AGOR 39 Turfgrass Production&Mgmt 3.0									
AGOR 50 Soil Science and Management 3.0									
AGOR 62 Landscape IrrigationDesign&Install 3.0									
AGOR 63 Landscape Irrigation SystemsMgmt 3.0									
AGOR 91 Work Experience in Nursery Ops3.0									
<b>PLUS-Select (6) units from following:</b>									
<b>BIOL 1, 2, 3, 4, 4H, 6, 6L, 8, 20, 21, 34, 50; BTNY 3;</b>									
<b>CHEM 10, 20, 40 50, 50H, 51, 60, 80, 81</b>									
<b>PLUS</b>									
<b>Student must take 9 units from the following list:</b>									
AGOR 2 Plant Propagation 3.0									
AGOR 15 Interior Landscaping 3.0									
AGOR 32 Landscaping&Nursery Mgmt 3.0									
AGOR 40 Sports Turf Management 3.0									
AGOR 75 Urban Arboriculture 3.0									
<b>UNITS:</b>		0	0	0	0	0	0	0	0
<b>Total Units 42.0</b>									

TOTAL UNITS: 0

# Recommendations – Courses to Begin With

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- Horticultural Science : AGOR 1
- Soil Science: AGOR 50
- Turfgrass Management: AGOR 39
- Plant ID (Herbaceous and Woody) : AGOR 29 and 30
- Landscape Construction Fundamentals: AGOR 71
- Tractor and Landscape Equipment Operations: AGOR 51
- Plant Propagation: AGOR 2
- Landscape and Nursery Management: AGOR 32
- Irrigation Design and Installation: AGOR 62

# Recommendations: Courses to End With

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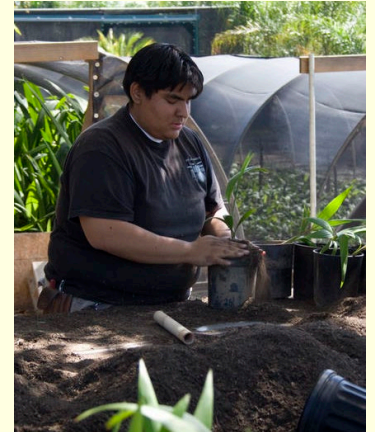
- Landscape Design: AGOR 13
- Integrated Pest Management: AGOR 24
- Sports Turf Management: AGOR 40
- Landscape Hardscape Applications: AGOR 72
- Urban Arboriculture: AGOR 75



# Work Experience

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- 1-4 Units available, repeatable up to 4 times.
- Possibilities:
  - Work at the Horticulture Unit
  - Work on special projects
  - Work for an off-campus employer
- No Experience Necessary. We will train you.



- You Must complete 9 units of Horticulture Classes and attend an orientation before you are eligible for work experience.

# Student Involvement Opportunities

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- Competitive Teams - Turf Team
- Horticulture Club
- “Clippings” Newsletter
- Volunteer Opportunities
  - Descanso Plant Sales
  - Mother’s Day Sale
  - Farm Day
  - Work Days
- Attend Department Events
  - End of year Banquet



# Horticulture

*Any Questions?*