

Landscape Horticulture (10-001-4)

Associate of Applied Science

Effective 2026/2027

The course sequence shown on this sheet is the recommended path to completion. Courses will be scheduled in the terms indicated here. All courses should be taken in the order shown to help you stay on track and graduate according to your academic plan. Courses in this program may be offered in a variety or combination of formats (for example: in-person, video conferencing, online, etc.). More detailed scheduling information for this program can be found at <https://www.gtc.edu/landscape-horticulture>.

K-D = Kenosha/days, F=Fall, S=Spring, SU=Summer

Term	Course Number	Credits	Course Title	Requisites (prereq- before/ coreq-with)	Notes	K-D
1	890-155	1	Gateway to Success (G2S)		<ul style="list-style-type: none"> Students are required to take this course in their first semester of enrollment. Please see an advisor for details. 	F
1	*001-143	3	Herbaceous Plants	Coreq: 001-185		F
1	*001-146	1	Sustainable Landscape		<ul style="list-style-type: none"> Faculty have identified this milestone course as providing a strong foundation for success throughout the program. 	F
1	*001-147	1	Soils and Plant Nutrition		<ul style="list-style-type: none"> Faculty have identified this milestone course as providing a strong foundation for success throughout the program. 	F
1	*001-148	1	Plant Pests and Beneficials			F
1	*001-185	3	Intro to Horticulture		<ul style="list-style-type: none"> Faculty have identified this milestone course as providing a strong foundation for success throughout the program. 	F
1	804-134	3	Mathematical Reasoning	Prereq: 854-760	<ul style="list-style-type: none"> Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details. 	F
2	*001-129	1	Pesticide Applicator Certification			S
2	*001-132	3	Landscape Plants Evergreen	Prereq: 001-185		S
2	*001-142	3	Vegetable Science			S
2	*001-151	3	Greenhouse Crops	Coreq: 804-134 OR 804-135; 801-136		S
2	461-120	3	Small Power Equipment			S
2	801-136	3	English Composition 1	Prereq: 831-103 OR 851-757	<ul style="list-style-type: none"> Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details. 	S

(*) Students must achieve a combined average of 2.0 ("C") or above for this major course to meet graduation requirements.

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Term	Course Number	Credits	Course Title	Requisites (prereq- before/ coreq-with)	Notes	K-D
3	*001-111	3	Horticulture Practicum	Prereq: 001-147; 001-151		SU
3	801-196 OR 801-198	3	Oral/Interpersonal Communication OR Speech			SU
4	*001-130	3	Landscape Plants Trees/Shrubs Deciduous	Prereq: 001-185		F
4	*001-136	3	Landscape Management			F
4	*001-140	3	Landscape Design/ Introduction	Prereq:001-143; 001-146 Coreq: 001-130		F
4	*001-160	3	Landscape Construction and Enhancements	Prereq: 001-111		F
5	*001-117	3	Landscape Design/Advanced	Prereq: 001-140		S
5	*001-122	3	Horticulture Business Operations	Prereq: 001-136; 001-160		S
5	*001-159	1	3D Landscape Rendering	Coreq: 001-117		S
5	*001-180	1	Horticulture Portfolio	Prereq: 001-130; 001-143; 001-147; 001-151		S
5	809-196	3	Sociology, Introduction to	Prereq: 838-105 OR 851-757	<ul style="list-style-type: none"> Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details. 	S
5	809-198	3	Psychology, Introduction to	Prereq: 838-105 OR 851-757	<ul style="list-style-type: none"> Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details. 	S

Minimum Program Total Credits Required: 61

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The Landscape Horticulture program trains students in sustainable landscape design and management. Plant identification, plant healthcare, hardscape development, irrigation installation and landscape estimating are important elements of this program. Plant health care explores pest and disease identification, prevention, and control through developing integrated pest- management systems. Learners will complete Pesticide Applicator Training. Technical skills such as proper planting, pruning, use of equipment and weed- control are covered. Sustainable landscape design and management is completed with hands-on, project-based learning all while considering environmental interactions and effects. Advanced skills in digital design, 3-D rendering, and presentation will also be taught. Campus and community projects provide opportunities for learners to engage in sustainable landscape design, installation, retrofits and management.

Program Learning Outcomes

Graduates will be able to:

- 1 Analyze growing media.
- 2 Diagnose plant health.
- 3 Communicate as a horticulture professional.
- 4 Apply design principles.
- 5 Provide horticulture maintenance.
- 6 Apply the principles of plant science.

Essential Career Competencies

Gateway's six essential career competencies are the general attitudes and skills promoted and assessed by all programs. All Gateway graduates will develop skills in:

- 1 Communication Competence
- 2 Critical Thinking and Problem Solving
- 3 Professionalism and Career Management
- 4 Teamwork and Collaboration
- 5 Cultural Competence
- 6 Technology Competence

Gateway Technical College reserves the right to modify curriculum requirements for students who interrupt enrollment for one year or take over seven years to complete. Tuition and material fees are determined by the board of the Wisconsin Technical College System. Consult My Gateway for exact fee amounts. The District reserves the right to modify, cancel, or relocate course offerings in response to factors such as low enrollment, resource availability, or other relevant considerations to ensure high-quality educational experiences. Students will be notified in writing and are encouraged to meet with their Academic Advisor to adjust their academic plan.

Admission Requirements

- 1 Students must submit an application and pay \$30 fee.
- 2 Students must meet one of the following: minimum cumulative high school GPA of 2.6 (unweighted); earned at least 12 college credits with a minimum GPA of 2.0; or complete valid reading, writing, and math placement assessments.

Graduation Requirements

- 1 Minimum 61 credits with a cumulative GPA of 2.0 or above.
- 2 *Average of 2.0 ("C") or above for these major courses.
- 3 Complete 890-155 Gateway to Success (G2S) in the first semester.

For a complete list of Graduation Requirements, check the Student Handbook or [Graduation Requirements](#).

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