



Full-Time Pathway to Success
School of Protective and Human Services

Arboriculture/Urban Forestry Technician (10-001-5)

Associate of Applied Science

Effective 2023/2024

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.).

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

Term	Course #	Cr.	Course Title	Requisites (prereq- before/ coreq-with)	K-D
1	890-155	1	Gateway to Success (G2S)		F
1	*001-118	2	Landscape Plant ID		F
1	*001-133	2	Chainsaw Safety and Operation		F
1	*001-124	2	Fundamentals of Aerial Tree Work		F
1	*001-173	2	Urban Tree Maintenance		F
1	*001-189	2	Plant Healthcare & Treatments		F
1	801-136	3	English Composition 1 ^{1,3}	Prereq: 831-103 OR 831-107	F
2	*001-110	2	Tree Growth and Development	Prereq: 001-118; Coreq: 001-185; 801-136; 804-135	S
2	*001-129	1	Pesticide Applicator Certification		S
2	*001-156	2	Tree Care Practicum 1	Prereq: 001-124; 001-173	S
2	*001-185	3	Intro to Horticulture		S
2	*001-186	3	People, Resources, and Sustainability		S
2	804-135	3	Quantitative Reasoning ^{1,3}	Prereq: 834-109	S
3	809-166 OR 809-195	3	Intro to Ethics: Theory & Apps ¹ OR Economics ¹	Prereq: 838-105 OR 831-107	SU
3	801-196 OR 801-198	3	Oral/Interpersonal Communication OR Speech ³		SU
4	*001-105	3	Dendrology and Silvics	Prereq: 001-118; 801-136; 804-135	F
4	*001-136	3	Landscape Management		F
4	*001-157	2	Tree Care Practicum 2	Prereq: 001-156	F
4	*001-184	3	Ecological Basis for Natural Resource Management		F
4	*001-199	3	Fish, Forestry, and Wildlife		F
5	*001-113	3	Ornamental Plant Health Care	Prereq: 001-005; 001-118; 001-189	S
5	*001-183	2	Applied Urban Forestry	Prereq: 001-110; 001-173; 001-105	S
5	*001-190	2	Arboriculture Capstone	Prereq: 001-157; 001-105	S
5	*001-198	3	Intro to Soil and Water Resources	Prereq: 001-184; 001-185; 001-186	S
5	809-198	3	Psychology, Intro to ^{1,3}	Prereq: 838-105 OR 831-107	S

Minimum Program Total Credits Required: 61

Notes associated with courses (identified by a superscript number at the end of the course title) are located on the back of the sheet.

Mastery of this course will put students on a path to achieve successful degree completion, on-time graduation, and enrich the college experience. Students are required to take this course in their first semester of enrollment. Please see an advisor for details.

= Milestone Course. Faculty have identified this course as providing a strong foundation for success throughout the program.

(*) indicates students must achieve a combined average of 2.0 ("C") or above for these major courses to meet graduation requirements.

Arboriculture/Urban Forestry Technician (10-001-5)

The *Arboriculture/Urban Forestry Technician* associate degree prepares individuals for year-round, entry level work in tree care operations as an Arborist (commercial, municipal, golf course, utility), or a person who maintains tree health and improves tree growing conditions in the urban environment. Through exploration of natural resources, arboriculture, and urban forestry, students acquire skills in tree and plant biology, tree and plant identification, insect and disease management, aerial tree pruning and removal (tree climbing is optional), and tree planting. Students will operate tools and equipment used within the industry according to safety standards. Through coursework, students may become Wisconsin certified pesticide applicators. Summer employment in industry is available and encouraged between spring and fall semesters.

Program Learning Outcomes

Graduates will be able to:

1. Diagnose ornamental plant disorders.
2. Identify wood plants by common and scientific names.
3. Apply tree biology for arboricultural maintenance practices.
4. Adhere to industry safety standards.

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:

- Communication
- Professionalism and Career Management
- Cultural Competence
- Critical Thinking and Problem Solving
- Teamwork and Collaboration
- Technology Competence

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

- Minimum 61 credits with an average of 2.0 or above.
- *Average of 2.0 ("C") or above for these major courses.
- 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](#).

Notes

1. Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details.
2. Gateway has many articulation agreements with four-year colleges and universities. If you are planning on transferring to a four-year institution please review this information online at gtc.edu/transfer. If an institution is not listed please contact them directly to see which courses transfer. You may also contact your advisor for more information.
3. A credit for prior learning assessment is available for this course. For more information, please contact cfpl@gtc.edu.

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. Occasionally, the District may offer a particular course out of published sequence. By doing so, the District does not obligate itself to offer succeeding courses out of published sequence.