

## SUMMER STUDENT – FORESTRY

<b>Employment Status:</b>	Temporary, full-time contract for 16 weeks
<b>Compensation Range:</b>	\$24.80 per hour + 4% vacation pay
<b>Location:</b>	London, ON, and surrounding area

### POSITION OVERVIEW

The Summer Student will support the County's forestry and environmental initiatives by developing and enhancing a comprehensive forest resource inventory. Working with GIS and remote sensing technologies, the incumbent will gather, analyze, and organize forest data to assess carbon sequestration and other ecosystem services. This work will contribute to calculating natural asset values and integrating environmental data into the County's corporate asset management systems. The position offers a valuable opportunity to apply technical GIS skills and environmental knowledge in a practical, project-focused setting.

This position is 35 hours per week, commencing June 2, 2025, for a total of 16 weeks.

### QUALIFICATIONS

- Enrollment in or recent graduation from a post-secondary program in Forestry, Environmental Science, Geography, GIS, or a related field.
- Experience with GIS software (e.g., ArcGIS, QGIS) is required.
- Experience with analysis and interpretation of remote sensing technologies (e.g., LiDAR, satellite imagery) as it relates to forest ecosystems is considered an asset.
- Familiarity with forest ecosystem services, carbon sequestration concepts, and natural asset valuation is an asset.
- Strong organizational and analytical skills, with attention to detail.
- Ability to work independently with minimal supervision and collaboratively as part of a team.
- Strong communication skills for documentation and reporting purposes.
- A valid "G" driver's licence with a clean driver's abstract, and access to a vehicle to travel as required to fulfil job responsibilities.

### CHOOSE MIDDLESEX COUNTY?

Middlesex County is a vibrant upper-tier municipality located in Southwestern Ontario. We offer a thriving business climate, easy access to transportation routes, and quality of life with exceptional healthcare facilities, affordable housing, an array of educational opportunities and bountiful recreation and cultural choices in a picturesque setting. The County's administration headquarters are located in London, but Middlesex County is comprised of unique villages, towns and rural communities that have great attractions for residents and tourists.

At Middlesex County, you will have a chance to make an impact in your everyday work and build lasting relationships in the communities in which we live and serve. We offer a culture that values inclusion, diversity of thought, and employee development. We invest in our people to help them leverage their strengths to achieve their career aspirations.

### HOW TO APPLY

If you are interested in this opportunity, please submit your cover letter and resume by email to [hr@middlesex.ca](mailto:hr@middlesex.ca) by 4:30 p.m. on **May 16, 2025**.

We thank all applicants who apply, but only those applicants to be interviewed will be acknowledged. Personal information is collected under the authority of the *Municipal Freedom of Information and Protection of Privacy Act* and will be used for candidate selection purposes only.

### WHAT WE OFFER

- Flexible Work Opportunities
- Employee Recognition Events
- Professional Development
- OMERS Pension Plan (option to participate)
- Employee and Family Assistance Program

### VISIT OUR CAREERS PAGE

<https://www.middlesex.ca/departments/human-resources/job-opportunities>

**Join our team and build a rewarding career!**

Middlesex County is an equal opportunity employer. We are committed to a diverse and inclusive workplace for everyone. Accommodations are available throughout the recruitment process. If you are contacted for an interview, please advise us of any accommodations that may be required. This information will be treated confidentially and only used for the purpose of providing an accessible recruitment experience.



## COUNTY OF MIDDLESEX POSITION DESCRIPTION

<b>Title:</b>	Summer Student – Forestry
<b>Department:</b>	Planning and Development
<b>Reports To:</b>	Woodlands Conservation Officer / Weed Inspector
<b>Positions Supervised:</b>	N/A
<b>Effective Date:</b>	April 2025

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### POSITION SUMMARY:

The Summer Student will support the County's forestry and environmental initiatives by developing and enhancing a comprehensive forest resource inventory. Working with GIS and remote sensing technologies, the incumbent will gather, analyze, and organize forest data to assess carbon sequestration and other ecosystem services. This work will contribute to calculating natural asset values and integrating environmental data into the County's corporate asset management systems. The position offers a valuable opportunity to apply technical GIS skills and environmental knowledge in a practical, project-focused setting.

### PRIMARY DUTIES & RESPONSIBILITIES:

- Build and update detailed forest resource inventory layers using GIS platforms.
- Analyze and interpret remote sensing data related to forest ecosystems.
- Conduct comprehensive forest ecosystem analyses using proprietary software to quantify ecosystem values, including carbon sequestration.
- Assemble, organize, and format forest datasets for integration with corporate asset management systems.
- Collaborate with internal staff to ensure data consistency and accuracy for reporting purposes.
- Prepare maps, data summaries, and reports as required.
- Perform site visits to gather field data as necessary (access to a vehicle required).
- Maintain accurate records of work completed and methodologies used.
- Support additional environmental and forestry projects as assigned.
- Perform other duties as assigned.

Note: the above represents the major functions of the position but does not preclude the addition of other related functions as required.

### MINIMUM QUALIFICATIONS:

#### Education & Experience

- Enrollment in or recent graduation from a post-secondary program in Forestry, Environmental Science, Geography, GIS, or a related field.
- Experience with GIS software (e.g., ArcGIS, QGIS) is required.



- Experience with analysis and interpretation of remote sensing technologies (e.g., LiDAR, satellite imagery) as it relates to forest ecosystems is considered an asset.

#### Knowledge, Skills and Abilities

- Familiarity with forest ecosystem services, carbon sequestration concepts, and natural asset valuation is an asset.
- Strong organizational and analytical skills, with attention to detail.
- Ability to work independently with minimal supervision and collaboratively as part of a team.
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