

# DEPARTMENT OF FOREST RESOURCES MANAGEMENT

## Job Posting: Undergraduate Teaching Assistants 2022-2023 (Term 1 & Term 2)

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### Undergraduate Teaching Assistants

#### Term 1

#### General Courses

Course No.: [FRST 100 - Term 1](#)

Instructor: [Andres Varhola](#)

Course Name: [Sustainable Forests \(Intro to Forestry\)](#)

Total No. Required: 1 UTA

#### Required Qualifications:

- Graduate student in Forestry
- Excellent writing skills to assist in essay review
- Good general knowledge of Forestry in BC and globally is highly desirable

#### Description of General Nature of Duties:

- Read, grade essays and mark assignments and online discussions
- Assist with course logistics in the classroom and other general duties

Hours Allotted: 6 hours per week for 16 weeks (96 hours) depending on budget and enrollment

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Course No.: [FRST 231 - Term 1](#)

Instructor: [Andres Varhola](#)

Course Name: [Introduction to Biometrics](#)

Total No. Required: 2-3 UTAS

#### Required Qualifications:

- 80% or better in FRST 231 or equivalent

#### Description of General Nature of Duties:

- Provide assistance to students in completing problem sets during scheduled lab times and/or office hours
- Some marking and/or supervision of undergraduate markers may be required

Hours Allotted: 6-12 hours per week for 16 weeks (96/192 hours) depending on budget and enrollment

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Course No.: [FRST 232 - Term 1](#)

Instructor: [Suborna Ahmed](#)

Course Name: [Computer Applications in Forestry](#)

Total No. Required: 2 UTAS

#### Required Qualifications:

- Must be proficient with powerful tools on Microsoft Office Suite (Word and Excel)
- Experience analyzing data and creating graphs on R/RStudio/RMarkdown
- Experience handling spatial data and creating maps on QGIS
- Excellent verbal and written skills and strong organizational skills

#### Description of General Nature of Duties:

- Assists students during the lab and lecture sessions
- Grade assignments, discussion posts and other components
- Keep office hours and respond to piazza posts

Hours Allotted: 6 hours per week for 16 weeks (96 hours) depending on budget and enrollment

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# DEPARTMENT OF FOREST RESOURCES MANAGEMENT

## Job Posting: Undergraduate Teaching Assistants 2022-2023 (Term 1 & Term 2 )

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**Course No.:** FRST 385 / FOPR 388 - Term 1

**Instructor:** Younes Alila

**Course Name:** Watershed Hydrology

**Total No. Required:** 3-5 UTAS

### Required Qualifications:

- Undergraduate degree in a related field
- Ability to work independently
- Experience teaching, grading and providing feedback to students
- Experience with field hydrological measurement methods and Proficient with Microsoft Excel

### Description of General Nature of Duties:

- Provide assistance to students in completing problem sets during scheduled lab times and/or office hours
- Some marking and/or supervision of undergraduate markers may be required

**Hours Allotted:** 6 hours per week for 16 weeks (96 hours) depending on budget and enrollment

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# DEPARTMENT OF FOREST RESOURCES MANAGEMENT

## Job Posting: Undergraduate Teaching Assistants 2022-2023 (Term 1 & Term 2 )

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### U F O R

**Course No.:** UFOR 100 - Term 1

**Instructor:** Andrew Almas

**Course Name:** Greening the City (Intro to Urban Forestry)

**Total No. Required:** 1 UTA

#### Required Qualifications:

- Knowledge of urban forestry, urban design, urban ecology concepts, and/or experience with community forestry, horticulture, arboriculture, or landscape and recreation planning/management
- Excellent writing & communications skills
- Preference will be given to students who have taken this course before

#### Description of General Nature of Duties:

- Assisting the instructor with field and lab exercises, and other course-related activities
- Grading assignments and coordinating field trips and in-class activities

**Hours Allotted:** 1 UTA for 12 hours per week for 16 weeks (96 hours) depending on budget and enrollment

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**Course No.:** UFOR 200 - Term 1

**Instructor:** TBA

**Course Name:** Urban Forests and Well-Being

**Total No. Required:** 1 UTA

#### Required Qualifications:

- Knowledge of urban forestry, public health, recreation, and particularly how urban forests relate to human health and well-being
- Excellent writing & communication skills
- Preference will be given to student who have taken this course before

#### Description of General Nature of Duties:

- Assisting instructor with organizing lectures, field trips, and other course-related activities
- Grading assignments

**Hours Allotted:** 1 UTA for 6 hours per week for 16 weeks (96 hours) depending on budget and enrollment

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**Course No.:** UFOR 220 - Term 1

**Instructor:** TBA

**Course Name:** Urban Forest Inventory and Assessment

**Total No. Required:** 2 UTAS

#### Required Qualifications:

- Knowledge of urban forestry and urban ecology concepts especially in assessments and management and/or experience with tree mensuration and inventory, and assessment of ecosystem services
- Excellent writing & communication skills
- Preference will be given to student who have taken this course before

#### Description of General Nature of Duties:

- Assisting the instructor with field and lab exercises, and other course-related activities
- Grading assignments

**Hours Allotted:** 1 UTA for 12 hours per week for 16 weeks (192 hours) depending on budget and enrollment

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# DEPARTMENT OF FOREST RESOURCES MANAGEMENT

## Job Posting: Undergraduate Teaching Assistants 2022-2023 (Term 1 & Term 2 )

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**Course No.:** UFOR 300 - Term 1

**Instructor:** Susan Day

**Course Name:** Arboriculture Principles and Practice

**Total No. Required:** 0.5 UTA

### Required Qualifications:

- Knowledge of arboriculture and plant physiology and soils basics
- Must have completed UFOR 300 and received a grade of 84 or higher or have extensive relevant experience
- Excellent writing & communication skills

### Description of General Nature of Duties:

- Assisting the instructor with field and lab exercises, and other course-related activities
- Grading assignments

**Hours Allotted:** 1 UTA for 6 hours per week for 16 weeks (96 hours) depending on budget and enrollment

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**Course No.:** UFOR 316 - Term 1

**Instructor:** Athena McKown

**Course Name:** Trees and Shrubs in Landscape (Identification)

**Total No. Required:** 0.5 UTA

### Required Qualifications:

- Identification of common urban tree and shrubs in BC, knowledge of plant morphology
- Knowledge of characteristics, suitability and maintenance of urban trees and shrubs
- Excellent writing, communication and organizational skills

### Description of General Nature of Duties:

- Assisting students with plant identification, attending field trips
- Coordinating lab tutorials and grading assignments

**Hours Allotted:** 1 UTA for 6 hours per week for 16 weeks (96 hours) depending on budget and enrollment

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# DEPARTMENT OF FOREST RESOURCES MANAGEMENT

## Job Posting: Undergraduate Teaching Assistants 2022-2023 (Term 1 & Term 2)

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### Term 2

### General Courses

Course No.: [FRST 231 - Term 2](#)

Instructor: [Younes Alila](#)

Course Name: [Introduction to Biometrics](#)

Total No. Required: 2-3 UTAS

**Required Qualifications:**

- 80% or better in FRST 231 or equivalent

**Description of General Nature of Duties:**

- Provide assistance to students in completing problem sets during scheduled lab times and/or office hours
- Some marking and/or supervision of undergraduate markers may be required

**Hours Allotted:** 6-12 hours per week for 16 weeks (96/192 hours) depending on budget and enrollment

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Course No.: [FRST 232 - Term 2](#)

Instructor: [Suborna Ahmed](#)

Course Name: [Computer Applications in Forestry](#)

Total No. Required: 2 UTAS

**Required Qualifications:**

- Must be proficient with powerful tools on Microsoft Office Suite (Word and Excel)
- Experience analyzing data and creating graphs on R/RStudio/RMarkdown
- Experience handling spatial data and creating maps on QGIS
- Excellent verbal and written skills and strong organizational skills

**Description of General Nature of Duties:**

- Assists students during the lab and lecture sessions
- Grade assignments, discussion posts and other components
- Keep office hours and respond to piazza posts

**Hours Allotted:** 12 hours per week for 16 weeks (192 hours) depending on budget and enrollment

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Course No.: [FRST 239 - Term 2](#)

Instructor: [Salmon Lee](#)

Course Name: [Tree and Stand Level Measurements](#)

Total No. Required: 1 UTA

**Required Qualifications:**

- Must have completed a course in introductory biometrics, and at least two courses in forest measurements, including measures of trees, logs, and stands in the field, and on photographs and other remotely sensed media
- Must be familiar with the use of statistics packages such as MINITAB, and the ESRI suite of Geographic Information systems packages
- Must be familiar with using dendrometers and hypsometers for tree measurements
- Must be able to identify trees and other plant species
- Preference will be given to graduate students with a Bachelors degree in forest management or forest science

**Description of General Nature of Duties:**

- Assist the instructor with experiential learning in labs, field setting, and computer laboratories

**Hours Allotted:** 12 hours per week for 16 weeks (192 hours) depending on budget and enrollment

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# DEPARTMENT OF FOREST RESOURCES MANAGEMENT

## Job Posting: Undergraduate Teaching Assistants 2022-2023 (Term 1 & Term 2 )

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### U F O R

**Course No.:** UFOR 110 - Term 2

**Instructor:** Keunhyun Park

**Course Name:** Introduction to Urban Forest Design

**Total No. Required:** 1 UTA

#### Required Qualifications:

- Knowledge of urban forestry, urban design, urban ecology concepts, and/or experience with community forestry, horticulture, arboriculture, or landscape and recreation planning/management
- Excellent verbal and writing skills
- Experience with graphic software (e.g., Adobe Suite, 3D modelling, rendering)

#### Description of General Nature of Duties:

- Assisting the instructor with field and lab exercises, and other course-related activities
- Grading assignments
- Coordinating field trips and in-class activities

**Hours Allotted:** 1 UTA for 12 hours per week for 16 weeks (192 hours) depending on budget and enrollment

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