

# DEPARTMENT OF FOREST RESOURCES MANAGEMENT

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

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### Graduate Teaching Assistants

#### General Courses

Course No.: [CONS 101 - Term 1](#)

Instructor: [David Bunn](#)

Course Name: [Introduction to Conservation](#)

Total No. Required: 1 GTA

#### Required Qualifications:

- A degree in conservation, natural resources management or related field, and an interest in broad issues of conservation, communities, and sustainability globally
- Good writing and editing skills
- Experience with marking, and providing feedback, across a variety of written and social media platforms

#### Description of General Nature of Duties:

- Administering and grading 2 multiple choice tests for 260 students
- Creating and monitoring weekly Canvas short assignments
- Co-administering (with two other GTAs and the main instructor) a project-based group assignment
- Providing feedback to student Canvas bulletin board submissions
- Working with students in support of key concepts and learning outcomes
- Administration of two field trip events: in Pacific Spirit Park, and one marine location

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

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Course No.: [CONS 127 - Term 1](#)

Instructor: [Chris Colton](#)

Course Name: [Observing Earth from Space](#)

Total No. Required: 5 GTAS

#### Required Qualifications:

- Graduate student in Forestry
- Excellent writing skills to assist in essay preparation

#### Description of General Nature of Duties:

- Management of blogs and online course system
- Basic marking
- Compilation of grades

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

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

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

Instructor: **TBA**

Course Name: **Foundations of Conservation**

Total No. Required: 2-3 GTAS

### Required Qualifications:

- A degree in conservation, natural resource management or related field with an emphasis/interest in social dimensions (an interest or background in Indigenous-led conservation, rights-based approaches or similar is highly regarded)
- Knowledge of conservation issues across spatial scales and in different geographic contexts
- Excellent writing and editing skills
- Experience with marking and providing feedback – especially with essays

### Description of General Nature of Duties:

- Marking 3 short (500 word) essay assignments throughout the term
- Coordinating student feedback, discussion and reflective writing via Canvas
- Working with students individually regarding course content and to provide feedback on essay development

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

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Course No.: **CONS 210 - Term 1**

Instructor: **TBA**

Course Name: **Visualizing Climate Change**

Total No. Required: 2-3 GTAS

### Required Qualifications:

- Graduate Student (preferable PhD candidate) and/or experience in climate change, landscape planning, visual media, and/or communications
- Excellent verbal and written skills
- Strong organizational skills
- Preferable previous TA experience, including I-Clickers and Canvas web platform

### Description of General Nature of Duties:

- Co-ordinate field trips, assignments, and references
- Run tutorial for students on climate change communication plans
- Assist in student project supervision/coordination and grading assignments and midterm
- Coordinate class website and student communications

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

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Course No.: **CONS 340 - Term 1**

Instructor: **Mike Meitner**

Course Name: **Introduction to GIS for Forestry and Conservation**

Total No. Required: 1-2 GTAS

### Required Qualifications:

- A detailed knowledge of geographic information systems and related technologies

### Description of General Nature of Duties:

- Assist students in lab sections
- Grade two exams

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

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- Hold office hours to mentor students and trouble shoot problems

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

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**Course No.:** [CONS 481 - Term 1](#)

**Instructor:** [Michael Meitner](#)

**Course Name:** [Conservation Planning and Wildland Recreation](#)

**Total No. Required:** 1 GTA

### Required Qualifications:

- General familiarity with planning concepts

### Description of General Nature of Duties:

- Assist students in lab sections, grade exams, lab assignments and a final paper

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

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**Course No.:** [CONS 491 - Term 1](#)

**Instructor:** [David Bunn](#)

**Course Name:** [Recreation and Tourism Planning](#)

**Total No. Required:** 2 GTAS

### Required Qualifications:

- General familiarity with recreation and Tourism planning concepts
- Graduate Student (preferable PhD candidate) and/or experience in recreation and tourism and planning
- Excellent verbal and written skills
- Strong organizational skills
- Preferable previous TA experience, including experiences with i-Clickers and management of Canvas platform

### Description of General Nature of Duties:

- Co-ordinate field trips, assignments, and references
- Assist in student final project supervision/coordination and grading assignments
- Coordinate class website and student communications
- Assist students in lab sections

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

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**Course No.:** [CONS 496 - Term 1](#)

**Instructor:** [Jacqueline Sunderland](#)

**Course Name:** [Primate Conservation in the Anthropocene](#)

**Total No. Required:** 1 GTA

### Required Qualifications:

- Graduate student with broad knowledge of forest and wildlife conservation
- Excellent writing skills
- Experience in grading assignments

### Description of General Nature of Duties:

- General preparation and overall support during classes
- Grade assignments and provide feedback

**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: Teaching Assistants 2022-2023 (Term 1)

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Course No.: FCOR 599 - Term 1

Instructor: Paul Pickell

Course Name: Project Proposal Development and Proof of Concept

Total No. Required: 1 GTA

### Required Qualifications:

- Graduate Student [Preferably PhD Candidate] with experience in essay writing and proposal development
- Excellent writing, analytical, and editing skills and strong organizational skills

### Description of General Nature of Duties:

- Assist students with proposal development
- Grading assignments
- Coordinating class organization and communication

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

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Course No.: FOPR 264 - Term 1

Instructor: Dominik Roeser

Course Name: Geomatics, Forest Access & Transportation

Total No. Required: 1 GTA

### Required Qualifications:

- Must have experience in running closed traverses with hand compass, chain, and clinometer
- Advantage if have knowledge of forest road design. Comfortable with geometric analysis

### Description of General Nature of Duties:

- Assist in teaching labs, marking assignments 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.: FOPR 464 - Term 1

Instructor: Salmon Lee

Course Name: Forestry Machines

Total No. Required: 1 GTA

### Required Qualifications:

- Must have strong foundation in calculus
- Advantage if have a background in mechanics (i.e. equilibrium analysis, and dynamics of a point mass)

### Description of General Nature of Duties:

- Assist in teaching labs, marking assignments, and other general duties

Hours Allotted: 3 hours per week for 16 weeks (48 hours) depending on budget and enrollment

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# DEPARTMENT OF FOREST RESOURCES MANAGEMENT

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

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

Instructor: [Andres Varhola](#)

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

Total No. Required: 1 GTA & 1 STA

### Required Qualifications:

- Graduate student in Forestry and excellent writing skills to assist in essay preparation

### Description of General Nature of Duties:

- Read, grade essays, mark assignments, meet with students, and other general duties

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

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Course No.: [FRST 110 - Term 1](#)

Instructor: [TBA](#)

Course Name: [Land One: First year Integrative Seminar](#)

Total No. Required: 1 GTA

### Required Qualifications:

- A degree in forestry, land and food systems, conservation, resource management or a related field with an emphasis on/or interest in social dimensions
- General understanding of forestry, food and sustainability issues in different geographic contexts and across scales
- Good writing, editing, and interpersonal skills
- Experience with marking and providing feedback is an asset

### Description of General Nature of Duties:

- Marking of essay assignments throughout the term
- Coordinating student blog and other feedback via Canvas
- Grading short quizzes, coordinating, and participating in two field trips

Hours Allotted: 12-hours per week for 16 weeks (192 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 GTAS & 1 STA

### 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
- In addition some marking and/or supervision of undergraduate markers may be required

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

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# DEPARTMENT OF FOREST RESOURCES MANAGEMENT

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

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

Instructor: [Suborna Ahmed](#)

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

Total No. Required: 2 GTAS

### 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
- Strong organizational skills

### Description of General Nature of Duties:

- Assists students during the lab and lecture sessions
- Help the instructor on developing teaching materials
- Grade assignments, discussion posts and other components
- Keep office hours and respond to piazza posts

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

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Course No.: [FRST 305 - Term 1](#)

Instructor: [David Montwe](#)

Course Name: [Silviculture](#)

Total No. Required: 1 GTA

### Required Qualifications:

- Knowledge of Silviculture (preferably in the context of BC)
- Graduate student (PhD-student/PhD-candidate preferred)

### Description of General Nature of Duties:

- Support of students in online/in-person lab sections
- Assistance in organizing exams and field/online exercises
- Support of students during weekly office hours

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

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Course No.: [FRST 370 - Term 1](#)

Instructor: [Janette Bulkan](#)

Course Name: [Community Forests and Community Forestry](#)

Total No. Required: 1 GTA

### Required Qualifications:

- A degree in conservation, resource management, or related field with an emphasis on/or interest in social dimensions
- Knowledge of community forestry issues across spatial scales and in different geographic contexts would be an asset
- Excellent writing and editing skills
- Experience with marking and providing feedback-especially with essays

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### Description of General Nature of Duties:

- Marking 3 short (650 words) essay assignments through the term
- Working with students individually to provide feedback on essay development

**Hours Allotted:** 3 hours work per week for 16 weeks (48 hours) depending on budget and enrollment

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**Course No.:** [FRST 385 / FOPR 388 - Term 1](#)

**Instructor:** [Younes Alila](#)

**Course Name:** [Watershed Hydrology](#)

**Total No. Required:** 2-3 GTAS

### Required Qualifications:

- Undergraduate degree in a related field
- Ability to work independently
- Experience in marking, teaching and hydrological measurement methods
- Proficient with excel

### Description of General Nature of Duties:

- Provide technical assistance in the computer labs

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

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**Course No.:** [FRST 395 - Term 1](#)

**Instructor:** [Cole Burton](#)

**Course Name:** [Forest Wildlife Ecology & Management](#)

**Total No. Required:** 2.5 GTAS

### Required Qualifications:

- Understanding the principles of animal ecology and population dynamics
- Knowledge of the biology and identification of the terrestrial vertebrates of BC is especially valuable
- The ability to clearly explain the methods used in population estimation and demographic analysis is necessary

### Description of General Nature of Duties:

- Assistance with demonstration of laboratory exercises involving identification (and form and function) of the major groups of terrestrial vertebrates in BC, mark-recapture estimations, and demographic modelling
- Marking laboratory Assignments
- Assistance with marking mid-terms and final examinations

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

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**Course No.:** [FRST 415 - Term 1](#)

**Instructor:** [Harry Nelson](#)

**Course Name:** [Sustainable Forest Policy](#)

**Total No. Required:** 2-3 GTAS

### Required Qualifications:

- Undergraduate degree in a related field
- Educational or practical experience with forest policy in BC and other jurisdictions
- Ability to work independently
- Experience in marking, especially essay writing

### Description of General Nature of Duties:

- Attend class, hold office hours to advise students
- Assist in marking essays and exams
- Coordinate and provide logistical support for class simulation

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

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Course cross listed with FRST 523

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

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**Course No.:** [FRST 422 - Term 1](#)

**Instructor:** [TBA](#)

**Course Name:** [Modelling Forest](#)

**Total No. Required:** 1 GTA

### Required Qualifications:

- Excellent written and oral communication skills
- In depth knowledge of forest management issues, ethics, policy and certification
- Excellent quantitative skills in forest management planning, including experience compiling and running landscape-level forest estate models (e.g., Patchworks, FPS-Atlas, Woodstock, etc.)
- Strong GIS skills in manipulating spatial forest datasets (stands, roads, streams, DEM, administrative boundaries etc.)
- Knowledge of stand-level growth and yield models used in BC (e.g., TASS/TIPSY, VDYP, etc.)

### Description of General Nature of Duties:

- Evaluation of academic and technical written materials and verbal presentations
- Coaching students with literacy or public speaking challenges
- Using specialized software tools to prepare spatially explicate forest harvest scheduling models for use in the course
- Handling student enquiries on forest management planning, stand-level-modelling, GIS and other models presented in class and during laboratory periods

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

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**Course No.:** [FRST 430 - Term 1](#)

**Instructor:** [Bianca Eskelson](#)

**Course Name:** [Advanced Biometrics](#)

**Total No. Required:** 3 GTAS

### Required Qualifications:

As this is a senior class in applications in statistics, the requirements are:

- 85% or better in FRST 430/533 or equivalent course in linear models (applied regression and experimental design)
- Excellent teaching skills

### Description of General Nature of Duties:

- Assist with development of assignments by pre-viewing assignments prepared by the instructor
- Provide assistance to students in completing assignments, and projects, during scheduled lab times and/or office hours
- Marking assignments

**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: Teaching Assistants 2022-2023 (Term 1)

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**Course No.:** FRST 497 - Term 1

**Instructor:** Ken Byrne & Sheri Andrews-Key

**Course Name:** Professional Communication and Ethics

**Total No. Required:** 2 GTAS

### Required Qualifications:

- Outstanding technical communication skills
- Applied sciences, Biology, Forestry

### Description of General Nature of Duties:

- Marking written materials and verbal presentations
- Handling student inquiries
- Coaching students with literacy challenges

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

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**Course No.:** FRST 533C - Term 1

**Instructor:** Bianca Eskelson

**Course Name:** Applied Spatial Statistics

**Total No. Required:** 1 GTAS

### Required Qualifications:

- 85% or better in FRST 430/533 or equivalent course in linear models (applied regression and experimental design)
- Excellent teaching skills

### Description of General Nature of Duties:

- Assist with development of assignments by pre-viewing assignments prepared by the instructor
- Provide assistance to students in completing assignments and projects, during scheduled lab times and/or office hours
- Marking assignments and other assessment components
- Providing Canvas support
- Providing support answering questions on the course discussion boards
- Providing general support to the course

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

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## Job Posting: Teaching Assistants

2022-2023 (Term 1)

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**Course No.:** FRST 538 - Term 1

**Instructor:** Coops & Pickell

**Course Name:** Advanced Geomatics for Management

**Total No. Required:** 2 GTAS

### Required Qualifications:

- Graduate Student [Preferably PhD Candidate] with experience in GIS, remote sensing and spatial data analysis
- Excellent verbal and written skills
- Strong organizational skills
- In depth understanding of ARCP, R and ENVI

### Description of General Nature of Duties:

- Run laboratory exercises on GIS and remote sensing
- Assists students in lab sessions and grading assignments
- Coordinating class organization and communication

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

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**Course No.:** FRST 547 - Term 1

**Instructor:** Lee Salmon

**Course Name:** Forestry in British Columbia

**Total No. Required:** 1 GTA

### Required Qualifications:

- Knowledge of BC forestry and forests. Good organizational skills
- Good English skills in order to grade essays and assignments
- Previous experience in this course preferred – preference will be given to a student who has taken and done well in the course, and has experience in TAing the course, if such a student is available

### Description of General Nature of Duties:

- Preparation of course handouts, maintaining students' email lists, organizing transportation for field trips
- Organizing accommodation and meals for field trips
- Grading and giving written feedback to students on their assignments, maintaining record of grades
- Accompanying field trips
- Providing general support as requested by the instructor

**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: Teaching Assistants 2022-2023 (Term 1)

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### **MIF**

Course No.: **FRST 519 - Term 1**

Instructor: **Boedhihartono/Riggs/Sayer**

Course Name: **Forests and Society**

Total No. Required: 1 GTA

#### **Required Qualifications:**

- Graduate Student -Preferably PhD Candidate
- Interest in international forestry issues, in particular with regards to forests & society; institutions, policy and governance; landscape approaches to sustainable development and conservation; natural resources management and emerging issues in forestry
- Willingness to travel out of town several times during the term, including weekends
- Experience organizing field trips, guest speakers
- Interest in mentoring and reliable
- Capable of working well with graduate students
- Good communication skills
- Class 4 driver license (preferred)
- Excellent writing, analytical, and editing skills
- Strong organizational skills
- Knowledge on tropical forests and livelihoods issues
- Experience of tropical countries in South East Asia, Congo Basin and Central America is an asset
- Available to come to class, when needed, especially on Wednesdays from 9am to 12pm and assist some MIF seminars on Thursdays 13.00-16.00 and/or Fridays 9-12pm

#### **Description of General Nature of Duties:**

This course is for students in the Professional Master of International Forestry. We are looking for a year-long TA to support the MIF Director in course-related activities, most directly associated with courses: FRST 519 T1, FRST 559 T1, FRST562 T1/2, and FRST553 T2.

You are welcome to apply to all of those courses at once.

Some tasks include:

- Lecture preparation
- Assist students with assignments and grading
- Coaching students with literacy challenges
- Coordinating communications (by email, CANVAS, on updating calendar on website)
- Coordinating class organization, student fieldtrips and guest speakers
- Working with students individually regarding course assignments and to provide feedback on essay development

**Hours Allotted:** 3-6 hours per week for 16 weeks (48/96 hours) depending on budget and enrollment

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# DEPARTMENT OF FOREST RESOURCES MANAGEMENT

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

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Course No.: [FRST 559 - Term 1](#)

Instructor: [Terry Sunderland](#)

Course Name: [Natural Resources Planning](#)

Total No. Required: 1 GTA

### Required Qualifications:

- Graduate Student - Preferably PhD Candidate
- Interest in international forestry issues, in particular with regards to forests & society; institutions, policy and governance; landscape approaches to sustainable development and conservation; natural resources management and emerging issues in forestry
- Willingness to travel out of town several times during the term, including weekends
- Experience organizing field trips and invite guest speakers
- Interest in mentoring and reliable
- Capable of working well with graduate students
- Good communication skills
- Class 4 driver license (preferred)
- Excellent writing, analytical, and editing skills
- Strong organizational skills and knowledge on tropical forests and livelihoods issues
- Experience of tropical countries in South East Asia, Congo Basin and Central America is an asset
- Available to come to class, when needed, on Tuesdays and Thursdays from 10am-12pm.

### Description of General Nature of Duties:

This course is for students in the Professional Master of International Forestry. We are looking for a year-long TA to support the MIF Director in course-related activities, most directly associated with courses: FRST 519 T1, FRST 559 T1, FRST562 T1/2, and FRST553 T2. You are welcome to apply to all of those courses at once.

Some tasks include:

- Lecture preparation and assist students with assignments and grading
- Coaching students with literacy challenges
- Coordinating communications (by email, CANVAS, on updating calendar on website)
- Coordinating class organization, student fieldtrips and guest speakers
- Working with students individually regarding course assignments and to provide feedback on essay development

**Hours Allotted:** 3-6 hours per week for 16 weeks (48/96 hours) depending on budget and enrollment

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

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Course No.: [FRST 562 - Term 1](#)

Instructor: [Boedhihartono/Sayer](#)

Course Name: [Topics in International Forestry](#)

Total No. Required: 1 GTA

### Required Qualifications:

- Graduate Student - Preferably PhD Candidate
- Interest in international forestry issues, in particular with regards to forests & society; institutions, policy and governance; landscape approaches to sustainable development and conservation; natural resources management and emerging issues in forestry
- Willingness to travel out of town several times during the term, including weekends
- Experience organizing field trips and invite guest speakers
- Interest in mentoring and reliable
- Capable of working well with graduate students
- Good communication skills
- Class 4 driver license (preferred)
- Excellent writing, analytical, and editing skills
- Strong organizational skills
- Knowledge on tropical forests and livelihoods issues
- Experience of tropical countries in South East Asia, Congo Basin and Central America is an asset
- Available to come to class, when needed, on Tuesdays and Thursdays from 10am-12pm.

### Description of General Nature of Duties:

This course is for students in the Professional Master of International Forestry. We are looking for a year-long TA to support the MIF Director in course-related activities, most directly associated with courses: FRST 519 T1, FRST 559 T1, FRST562 T1/2, and FRST553 T2. You are welcome to apply to all of those courses at once.

Some tasks include:

- Lecture preparation
- Assist students with assignments and grading
- Coaching students with literacy challenges
- Coordinating communications (by email, CANVAS, on updating calendar on website)
- Coordinating class organization, student fieldtrips and guest speakers
- Working with students individually regarding course assignments and to provide feedback on essay development

**Hours Allotted:** 3-6 hours per week for 16 weeks (48/96 hours) depending on budget and enrollment

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### MSFM

**Course No.:** FRST 523 - Term 1

**Instructor:** Harry Nelson

**Course Name:** Forest and Environmental Policy

**Total No. Required:** 2-3 GTAS

**Required Qualifications:**

- Undergraduate degree in a related field
- Educational or practical experience with forest policy in BC and other jurisdictions
- Ability to work independently
- Experience in marking, especially essay writing

**Description of General Nature of Duties:**

- Attend class, hold office hours to advise students
- Assist in marking essays and exams
- Coordinate and provide logistical support for class simulation

Course cross listed with FRST 415

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

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**Course No.:** FRST 556 - Term 1

**Instructor:** Valerie LeMay

**Course Name** Land Information Acquisition and Analysis

**Total No. Required:** 1 GTA

**Required Qualifications:**

- Undergraduate forest measurements courses with high grades or equivalent work experience in forest photogrammetry and GIS, forest sampling, allometric models, field measurements, analysis of field data, growth and yield measures and models, and forest inventory
- Experience using GIS software, WORD, EXCEL, and growth and yield models
- Interest and aptitude for teaching
- Excellent communication skills
- Advanced courses in forest biometrics and forest measurements is desired

**Description of General Nature of Duties:**

- Preparation of exercises and other activities in collaboration with the instructor
- Teaching in lab sessions

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

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**Course No.:** FRST 557 - Term 1

**Instructor:** Ken Byrne, Salmon Lee & David Montwe

**Course Name:** Site-Level Forest Land Management

**Total No. Required:** 1 GTA

**Required Qualifications:**

- Completion of undergraduate level silviculture and operations courses with high grades
- Field experience in forest measurements and site diagnosis
- Interest in teaching
- Capable of working well with graduate students

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- Good communication skills
- Class 4 drivers license is an asset
- Willingness to travel out of town several times during the term, including weekends

### **Description of General Nature of Duties:**

- Lecture and lab preparation. Photocopying as needed. Assistance with inside lab exercises
- Supervision of student field exercises. Grading lab reports
- Requires one-week availability in the field (Site Plan exercise) at Malcolm Knapp Research Forest by the end of October

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

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

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### **M G E M**

**Course No.:** GEM 500 - Term 1

**Instructor:** TBA

**Course Name:** Landscape Ecology and Management

**Total No. Required:** 1 GTA

#### **Required Qualifications:**

- Graduate Student [Preferably PhD Candidate] with experience in disturbance ecology, landscape ecology, and geomatics
- Excellent verbal and written skills
- Strong organizational skills and in depth understanding of R

#### **Description of General Nature of Duties:**

- Run laboratory exercises on landscape ecology
- Assist students in lab sessions
- Assist student project supervision
- Grading assignments
- Coordinating class organization and communication

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

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**Course No.:** GEM 510 - Term 1

**Instructor:** Paul Pickell

**Course Name:** Linear Regression Models and Introduction to Spatial Statistics

**Total No. Required:** 2 GTAS

#### **Required Qualifications:**

- Graduate Student [Preferably PhD Candidate] with experience with statistics and spatial statistics
- Excellent verbal and written skills
- Strong organizational skills and in depth understanding of R

#### **Description of General Nature of Duties:**

- Run laboratory exercises on R
- Assists students in lab sessions and grading assignments
- Coordinate class organization and communication

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

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**Course No.:** GEM 520 - Term 1

**Instructor:** Nicholas Coops

**Course Name:** Remote Sensing for Ecosystem Management

**Total No. Required:** 1 GTA

#### **Required Qualifications:**

- Graduate Student [Preferably PhD Candidate] with experience in remote sensing and spatial data analysis
- Excellent verbal and written skills
- Strong organizational skills and in depth understanding of ENVI

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### Description of General Nature of Duties:

- Run laboratory exercises on remote sensing
- Assists students in lab sessions
- Grading assignments
- Coordinating class organization and communication

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

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**Course No.:** [GEM 530 - Term 1](#)

**Instructor:** [Suborna Ahmed](#)

**Course Name:** [Geospatial Data Analysis](#)

**Total No. Required:** 2 GTAS

### Required Qualifications:

- Graduate Student with experience in spatial data analysis and databases
- Excellent verbal and written skills
- Strong organizational skills
- In depth understanding of Python

### Description of General Nature of Duties:

- Assist students during the exercise sessions
- Grading assignments, exercises, and quizzes
- Keep office hours

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

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**Course No.:** [GEM 540 - Term 1](#)

**Instructor:** [Bianca Eskelson](#)

**Course Name:** [Linear Regression Models and Introduction to Spatial Statistics](#) **Total No. Required:** 2 GTAS

### Required Qualifications:

- 85% or better in a 500-level applied statistics course
- Graduate student [Preferably PhD Candidate] with experience in linear model theory and spatial statistics
- Excellent verbal and written skills
- Excellent teaching skills
- Strong organizational skills and in depth understanding of R

### Description of General Nature of Duties:

- Assist with development of assignments by pre-viewing assignments prepared by the instructor
- Provide assistance to students in completing assignments and projects during scheduled lab times and/or office hours
- Marking assignments and other assessment components and providing Canvas support
- Providing support answering questions on the course discussion boards and general support to the course

**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: Teaching Assistants 2022-2023 (Term 1)

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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: 2 GTAS

#### 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

#### Description of General Nature of Duties:

- Assisting students with group projects and grading assignments
- Coordinating field trips and in-class activities

Hours Allotted: 12 hours per week for 16 weeks (192 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: 2 GTAS

#### Required Qualifications:

- Knowledge of urban forestry, public health, recreation, psychology, and particularly how urban forests relate to human health and well-being
- Excellent writing & communication skills

#### Description of General Nature of Duties:

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

Hours Allotted: 2 GTAs for 12 hours per week each for 16 weeks (192 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: 1 GTA

#### Required Qualifications:

- Knowledge of urban forestry and urban ecology concepts especially in assessments and management
- Experience with tree mensuration and inventory, and assessment of ecosystem services
- Expertise with i-Tree Eco would be an asset
- Excellent writing & communication skills

#### Description of General Nature of Duties:

- Assisting the instructor with organizing lectures, field trips, and other course-related activities
- Field supervision and supporting students with data analysis and grading assignments

# DEPARTMENT OF FOREST RESOURCES MANAGEMENT

## Job Posting: Teaching Assistants

2022-2023 (Term 1)

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

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

**Instructor:** Susan Day

**Course Name:** Arboriculture Principles and Practice

**Total No. Required:** 2 GTAS

### Required Qualifications:

- Knowledge of urban tree species characteristics, urban tree planting, tree management practices, and a background in plant sciences and ecology desirable
- Preferable experience with tree survey, inventory, and mensuration
- ISA Certification or experience in tree risk assessment is desirable
- Excellent writing & communication skills

### Description of General Nature of Duties:

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

**Hours Allotted:** 2 GTAS for 12 hours per week for 16 weeks(192 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

**Total No. Required:** 2 GTAS

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

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**Course No.:** UFOR 401 - Term 1

**Instructor:** Andrew Almas & Melissa Mchale

**Course Name:** Integrated Urban Forestry Capstone Studio

**Total No. Required:** 2 GTAS

### Required Qualifications:

- Knowledge of biophysical and socio-economic components of urban greenspace management and planning
- Preferable experience with tree survey, inventory, and urban design and planning
- Excellent writing & communication skills

### Description of General Nature of Duties:

- Assisting the instructor with organizing lectures, seminars, field trips, and other course-related activities
- Assisting students with their individual/group projects and grading assignments

**Hours Allotted:** 2 GTAs for 12 hours per week each for 16 weeks (192 hours) depending on budget and enrollment

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# DEPARTMENT OF FOREST RESOURCES MANAGEMENT

## Job Posting: Teaching Assistants

2022-2023 (Term 1)

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Course No.: UFOR 420/520 - Term 1

Instructor: Susan Day

Course Name: **Ecology of Urban Green Infrastructure**

Total No. Required: 1 GTA

### Required Qualifications:

- In-depth knowledge of at least some aspects of urban ecology in the context of urban forests
- Excellent writing & communication skills
- Background in plant physiology, botany, urban habitats, or soil science preferred

### Description of General Nature of Duties:

- Lead sessions on in-depth analysis of primary literature
- Provide assistance in critique sessions for written and oral communications
- Assist the instructor with organizing lectures, class activities, seminars, field trips, etc
- Other instructional support as required

**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: Teaching Assistants

2022-2023 (Term 1)

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### MUFL

Course No.: FCOR 599 - Term 1

Instructor: Sara Barron

Course Name: Project Proposal Development and Proof of Concept

Total No. Required: 1 GTA

#### Required Qualifications-MUFL Component:

A degree in (urban) forestry, arboriculture, landscape architecture, urban ecology, conservation, or a closely related field, with proven interest in planning and developing research and other projects (e.g., using different research methods)  
Excellent writing and editing skills  
Experience with marking and providing feedback  
Experience with supporting online course delivery

#### Description of General Nature of Duties-MUFL Component:

- Overall support to online course delivery, including monitoring of discussions boards etc
- Working with students individually as they develop their individual project proposals (research or otherwise)
- Providing feedback on proposals

Online course

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

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Course No.: UFOR 511 - Term 1

Instructor: Paul Pickell

Course Name: Geomatics Principles and Applications

Total No. Required: 1 GTA

#### Required Qualifications:

- A degree in geospatial approaches, (urban) forestry, arboriculture, landscape architecture, conservation, or a closely related field, with proven interest in geomatics
- Experience with various aspects/methods of geomatics
- Excellent writing and editing skills
- Experience with marking and providing feedback
- Experience with supporting online course delivery

#### Description of General Nature of Duties:

- Overall support to online course delivery
- Support to geomatics exercises
- Working with students individually (e.g., providing feedback on / marking assignments) as well as support of e.g., discussion forums

Online course

Hours Allotted: 6-9 hours per week for 16 weeks (96-144 hours) depending on budget and enrollment

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# DEPARTMENT OF FOREST RESOURCES MANAGEMENT

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

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Course No.: UFOR 512 - Term 1

Instructor: Owen Croy

Course Name: Urban Forest Governance

Total No. Required: 1 GTA

### Required Qualifications:

- A degree in (urban) forestry, arboriculture, landscape architecture, conservation, or a closely related field, with proven interest in governance, policy, and planning issues
- Excellent writing and editing skills
- Experience with marking and providing feedback
- Experience with supporting online course delivery

### Description of General Nature of Duties:

- Overall support to online course delivery
- Working with students individually (e.g., providing feedback on / marking assignments) as well as support of e.g., discussion forums

Online course

**Hours Allotted:** 9-12 hours per week (144/192 hours) depending on budget and final enrollment

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Course No.: UFOR 521 - Term 1

Instructor: TBA

Course Name: Advances in Arboriculture and Urban Ecology

Total No. Required: 1 GTA

### Required Qualifications:

- A degree in (urban) forestry, arboriculture, landscape architecture, urban ecology, conservation, or a closely related field, with proven interest in aspects of arboriculture and/or urban ecology
- Excellent writing and editing skills
- Experience with marking and providing feedback
- Experience with supporting online course delivery

### Description of General Nature of Duties:

- Overall support to online course delivery
- Working with students individually (e.g., providing feedback on / marking assignments) as well as support of e.g., discussion forums

Online course

**Hours Allotted:** 9-12 hours per week (144/192 hours) depending on budget and final enrollment

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# DEPARTMENT OF FOREST RESOURCES MANAGEMENT

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

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### G C F M C

Course No.: FOPE 500 - Term 1

Instructor: John Innes

Course Name: Sustainable Forest Management in a Changing World

Total No. Required: 1 GTA

#### Required Qualifications

- A degree in forestry, understanding origins of sustainable forest management, criteria and indicators of sustainable forest management used globally and how these will vary in a changing climate
- Excellent writing and editing skills
- Experience with marking and providing feedback
- Experience with supporting online course delivery

#### Description of General Nature of Duties:

- Overall support to online course delivery
- Working with students individually (e.g., providing feedback on / marking assignments) as well as support of e.g., discussion forums

Online course

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

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Course No.: FOPE 501 - Term 1

Instructor: Nicholas Coops

Course Name: Geomatics in Forestry: Data Collection and Management

Total No. Required: 1 GTA

#### Required Qualifications:

- A degree in geospatial approaches or forestry with proven interest in geomatics
- Understanding of the fundamental concepts of spatial technologies and geo-spatial analysis and experience with various aspects/methods of geomatics
- Excellent writing and editing skills
- Experience with marking and providing feedback
- Experience with supporting online course delivery

#### Description of General Nature of Duties:

- Overall support to online course delivery
- Support to geomatics exercises
- Working with students individually (e.g., providing feedback on / marking assignments) as well as support of e.g., discussion forums

Online course

**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: Teaching Assistants 2022-2023 (Term 1)

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Course No.: FOPE 504 - Term 1

Instructor: Terry Sunderland

Course Name: **Structure and Composition of Tropical Forest Ecosystems**

Total No. Required: 1 GTA

### Required qualifications:

- A degree in forestry, or a closely related field, with proven interest in tropical ecosystems
- Understanding of evolutionary history and main ecological characteristics of the tropical rainforest and seasonal forests, and compare the major differences that exist between the many different types of forests in the tropics
- Excellent writing and editing skills
- Experience with marking and providing feedback
- Experience with supporting online course delivery

### Description of General Nature of Duties:

- Overall support to online course delivery
- Working with students individually (e.g., providing feedback on / marking assignments) as well as support of e.g., discussion forums

Online course

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

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Course No.: FOPE 507 - Term 1

Instructor: Hosny El-Lakany

Course Name: **International Forestry Issues, Institutions, and Multi-Lateral Agreements**

Total No. Required: 1 GTA

### Required qualifications:

- A degree in forestry or a closely related field, with proven interest in aspects of international forest forestry Issues, institutions, and multi-lateral agreements
- Excellent writing and editing skills
- Experience with marking and providing feedback
- Experience with supporting online course delivery

### Description of General Nature of Duties:

- Overall support to online course delivery
- Working with students individually (e.g., providing feedback on / marking assignments) as well as support of e.g., discussion forums

Online course

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

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