INSTRUCTOR: Dr. Shawn Mansfield

COURSE #: FRST 311

COURSE NAME: Plant Physiology

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

Must have completed undergraduate courses in Plant Physiology and should preferably be doing a graduate degree in this area.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Assisting students at lab stations (first part of term) and with independent lab projects (latter part of term). Marking lab reports.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>6</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

INVIGILATION ASSIGNMENTS DURING EXAMINATION PERIODS ARE A PART OF THE DUTIES OF A TEACHING ASSISTANT. MARKERS ARE NOT REQUIRED TO INVIGILATE.

STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

These rates will be adjusted to reflect changes in the current collective agreement between CUPE Local 2278 and the University should any changes be made.

Please submit your application through the TA Application System at <u>https://applications.forestry.ubc.ca/</u> by **April 30, 2025**.

Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Mr. Vincent Leung

COURSE #: WOOD 120

COURSE NAME: Introduction to Wood Products and Global Trade

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Knowledge of the Canadian Forest Industry.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Responsible for marking lab reports, assignments, and term projects/presentations, supervising field trips, assist with running labs and general support for the instructor.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>3-6</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Neil Leveridge

COURSE #: NRES 225

COURSE NAME: Communication Strategies

TOTAL NUMBER REQUIRED: 2

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies. Must have excellent written and oral communications skills, and a strong understanding of grammar and composition as well as professional and scientific writing. Should have a general understanding of important issues related to forestry and/or wood products processing.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Marking of assignments is required, and the TA is expected to provide detailed feedback to students regarding their writing and communication skills. The TA will also provide additional assistance and guidance in the writing workshop, usually attending one workshop a week per section. Some preparation of course materials may be required. Instructor support as requested. TA is expected to hold office hours to provide students with one-on-one support. Attending and participating in marking meetings to ensure consistency in grading practices will be required.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>5.5 Hours/week for each Section</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Greg Smith

COURSE #: <u>WOOD 244</u>

COURSE NAME: Quantitative Methods in the Wood Industry

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Must have experience in spreadsheets, VB Programming, Matrix Algebra, and Differential Equations.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Assist during problem/lab sessions, prepare solutions to homework and problem session assignments, mark homework assignments

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>3-6</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

These rates will be adjusted to reflect changes in the current collective agreement between CUPE Local 2278 and the University should any changes be made.

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Felix Wiesner

COURSE #: <u>WOOD 276</u>

COURSE NAME: Mechanics of Wood Products

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Have a good working knowledge of engineering mechanics.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Provide teaching assistance during problem/lab sessions, prepare solutions to homework and problem sessions assignments and mark homework assignments.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>4-9</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

INVIGILATION ASSIGNMENTS DURING EXAMINATION PERIODS ARE A PART OF THE DUTIES OF A TEACHING ASSISTANT. MARKERS ARE NOT REQUIRED TO INVIGILATE.

STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Chunping Dai

COURSE #: WOOD 280

COURSE NAME: Wood Anatomy and Identification

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Experience with the macroscopic identification of North American hardwood and softwood species.

DESCRIPTION OF GENERAL NATURE OF DUTIES: Assist in preparation and delivery of wood identification labs. Marking of lab reports.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>3-6</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Taraneh Sowlati

COURSE #: <u>WOOD 330</u>

COURSE NAME: Industrial Engineering

TOTAL NUMBER REQUIRED: 2

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies. Must have a good knowledge of operations research, linear programming, and MS Excel.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Provide assistance during lab sessions, mark assignments and reports, assist in preparing assignments/projects, and provide general assistance to the instructor.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>5-10</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Julie Cool

COURSE #: WOOD 335

COURSE NAME: Quality Improvement

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Must have a good knowledge of statistics and quality control concepts. Knowledge of MS Excel is an asset.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Provide assistance during lab sessions, mark assignments and reports including providing feedback to students, assist in preparing assignments/projects, and provide general assistance to the instructor.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>11</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Please submit your application through the TA Application System at <u>https://applications.forestry.ubc.ca/</u> by **April 30, 2025**.

Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Mr. Vincent Leung

COURSE #: WOOD 356

COURSE NAME: Machine Components

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies. An understanding of machine component design and mechanics of materials.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Responsible for marking lab reports, assignments, and term projects/presentations, supervising field trips, assist with running labs and general support for the instructor.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>3-6</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

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GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Feng Jiang

COURSE #: WOOD 373

COURSE NAME: Wood Adhesives and Coatings

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Knowledge of wood chemistry preferred.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Assist in the preparation and delivery of labs and marking of assignments and lab reports.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>12</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Julie Cool / Dr. Stavros Avramidis

COURSE #: WOOD 384

COURSE NAME: Sawmilling and Drying

TOTAL NUMBER REQUIRED: 2

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Background in wood physics and primary wood processing.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Responsible for preparing labs, assisting in the running of labs, the marking of homework and lab reports and general support for the instructor

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>4-9.5</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Frank Lam

COURSE #: WOOD 386

COURSE NAME: Applied Mechanics of Materials

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Have a good working knowledge of engineering mechanics.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Provide teaching assistance during problem/lab sessions, prepare solutions to homework and problem sessions assignments and mark homework assignments.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>11</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

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UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Felix Wiesner (New course)

COURSE #: WOOD 391

COURSE NAME: Fire Safety for Timber Buildings

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Have a good working knowledge of engineering mechanics.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Provide teaching assistance during problem/lab sessions, prepare solutions to homework and problem sessions assignments and mark homework assignments.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>3</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

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UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Taraneh Sowlati

COURSE #: <u>WOOD 440</u>

COURSE NAME: Engineering Economics

TOTAL NUMBER REQUIRED: 2

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies. Must have a good knowledge of engineering economics and MS Excel.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Provide assistance during lab sessions, mark assignments and reports, assist in preparing assignments/projects, and provide general assistance to the instructor.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>5-11</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Mr. Robert Fuerst

COURSE #: <u>WOOD 485</u>

COURSE NAME: Furniture Construction

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Fundamental knowledge in reading and creating technical drawings for furniture; familiarity with technical drawing standards for furniture; practical woodworking skills; industrial furniture production experience; woodworking machine safety course; familiarity with wooden joints and hardware for furniture construction; product developing and engineering skills; AutoCAD skills.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Assist in teaching labs and classes; assist in marking homework and assignments; create technical drawings and production documents; building samples and mock-up (wooden joints) models; create furniture testing examples.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>3-6</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

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UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex,

sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Métis, Inuit, or Indigenous person.

INSTRUCTOR: Mr. Jörn Dettmer

COURSE #: WOOD 488

COURSE NAME: Wood Product Design and Development I

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Familiarity with technical drawing standards for furniture; practical woodworking skills; woodworking machine safety course.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Assist in running labs; providing supervision of safe machinery operation in the CAWP Advanced Machinery laboratory; assist in marking homework and assignments.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>5</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

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GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Taraneh Sowlati

COURSE #: WOOD 492

COURSE NAME: Modelling for Decision Support

TOTAL NUMBER REQUIRED: 2

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies. Must have a good knowledge of mathematical programming and Monte Carlo simulation.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Provide assistance during lab sessions, mark assignments and reports, assist in preparing assignments/projects, and provide general assistance to the instructor.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>5-11</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Julie Cool

COURSE #: <u>WOOD 494</u>

COURSE NAME: Principles of Wood Cutting and Tooling

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Wood processing knowledge, hands-on wood products manufacturing experience preferred.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Conduct labs and/or assist during lab sessions, mark reports and assignments including providing feedback to students and provide office hours to answer students' questions.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>3-6</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

INVIGILATION ASSIGNMENTS DURING EXAMINATION PERIODS ARE A PART OF THE DUTIES OF A TEACHING ASSISTANT. MARKERS ARE NOT REQUIRED TO INVIGILATE.

STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

These rates will be adjusted to reflect changes in the current collective agreement between CUPE Local 2278 and the University should any changes be made.

Please submit your application through the TA Application System at <u>https://applications.forestry.ubc.ca/</u> by **April 30, 2025**.

Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Neil Leveridge

COURSE #: NRES 225

COURSE NAME: Communication Strategies

TOTAL NUMBER REQUIRED: 3

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Must have excellent written and oral communications skills, and a strong understanding of grammar and composition as well as professional and scientific writing. Should have a general understanding of important issues related to forestry and/or wood products processing.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Marking of assignments is required, and the TA is expected to provide detailed feedback to students regarding their writing and communication skills. The TA will also provide additional assistance and guidance in the writing workshop, usually attending one workshop a week per section. Some preparation of course materials may be required. Instructor support as requested. TA is expected to hold office hours to provide students with one-on-one support. Attending and participating in marking meetings to ensure consistency in grading practices will be required.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>5.5 Hours/week for each Section</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

INVIGILATION ASSIGNMENTS DURING EXAMINATION PERIODS ARE A PART OF THE DUTIES OF A TEACHING ASSISTANT. MARKERS ARE NOT REQUIRED TO INVIGILATE.

STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Greg Smith

COURSE #: <u>WOOD 245</u>

COURSE NAME: Programming for Wood Products Manufacturing Applications

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies. Must have excellent written and oral communications skills, and a strong understanding of grammar and composition as well as professional and scientific writing. Should have a general understanding of important issues related to forestry and/or wood products processing. Must have experience in spreadsheets, VB Programming, Matrix Algebra, and Differential Equations.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Assist in the delivery of computer based labs and tutorials using a range of software programs (excel, access, VBA Programming) and marking of lab assignments.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>11</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Stavros Avramidis

COURSE #: WOOD 282

COURSE NAME: Wood Physics and Mechanics

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Background in wood physics and drying.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Responsible for preparing labs, assisting in the running of labs, the marking of homework and lab reports and general support for the instructor. This position supports the Wood Physics part of the course.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>3-6</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

INVIGILATION ASSIGNMENTS DURING EXAMINATION PERIODS ARE A PART OF THE DUTIES OF A TEACHING ASSISTANT. MARKERS ARE NOT REQUIRED TO INVIGILATE.

STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Please submit your application through the TA Application System at <u>https://applications.forestry.ubc.ca/</u> by **April 30, 2025**.

Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Cristiano Loss

COURSE #: WOOD 282

COURSE NAME: Wood Physics and Mechanics

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Background in wood mechanics.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Responsible for preparing labs, assisting in the running of labs, the marking of homework and lab reports and general support for the instructor. This position supports the Wood Mechanics part of the course.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>2-3</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Mr. Robert Fuerst

COURSE #: WOOD 290

COURSE NAME: Secondary Wood Products Manufacturing

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Knowledge and experience in secondary wood processing.

DESCRIPTION OF GENERAL NATURE OF DUTIES: Conduct labs in the Advanced Wood Processing Lab with wood processing machines and mark assignments.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>3-6</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
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UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Mr. Jörn Dettmer

COURSE #: WOOD 292

COURSE NAME: Two-dimensional and Solid Computer Aided Graphics

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Knowledge and experience in AutoCAD.

DESCRIPTION OF GENERAL NATURE OF DUTIES: Assisting instructor in the running of lab sessions and marking weekly lab assignments and term projects.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>3-6</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Chris Gaston

COURSE #: WOOD 365

COURSE NAME: Wood Industry Business Fundamentals

TOTAL NUMBER REQUIRED: 2

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Some knowledge of business, marketing and business management.

DESCRIPTION OF GENERAL NATURE OF DUTIES: Assist in grading of assignments and running tutorials.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>5-12</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

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UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Minghao Li (New Course)

COURSE #: WOOD 390

COURSE NAME: Wood Products Performance and Building Applications

TOTAL NUMBER REQUIRED:

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Have a good working knowledge of engineering mechanics.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Provide teaching assistance during problem/lab sessions, prepare solutions to homework and problem sessions assignments and mark homework assignments.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>3</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Haibo Feng (New Course)

COURSE #: WOOD 395

COURSE NAME: Sustainable Timber-Built Technologies

TOTAL NUMBER REQUIRED:

REQUIRED QUALIFICATIONS:

A full-time student registered in the department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Must have knowledge on building science, sustainable construction, and wood buildings.

DESCRIPTION OF GENERAL NATURE OF DUTIES: Supervision of lab exercises, plant tours and marking of assignments.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>3</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Hamish van der Ven

COURSE #: WOOD 461

COURSE NAME: Globalization and Sustainability

TOTAL NUMBER REQUIRED: 3

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in a program with a sustainability focus. Some knowledge of sustainability, environmental governance, business or markets. Must have strong written and oral communication skills.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Grading essays and other written assignments, running participatory tutorials, holding regular office hours, inputting grades through Canvas, providing general support for the instructor.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>7</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Philip Evans

COURSE #: WOOD 464

COURSE NAME: Wood Finishing and Protection

TOTAL NUMBER REQUIRED: 2

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Familiar with secondary wood processing operations.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Responsible for marking lab reports, assignments and general support for the instructor.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>4-11</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Mr. Vincent Leung

COURSE #: WOOD 482

COURSE NAME: CAD/CAM

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Must have proficiency with the English language. Must have an understanding of CAD/CAM.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Responsible for marking lab reports, assignments, and term projects/presentations, supervising field trips, assist with running labs and general support for the instructor.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>10</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

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GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Chunping Dai

COURSE #: WOOD 487

COURSE NAME: Wood Composites

TOTAL NUMBER REQUIRED: 2

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Background in adhesives and reconstituted wood composites.

DESCRIPTION OF GENERAL NATURE OF DUTIES: Assist in delivery of the labs and marking of problem sets and lab reports.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>5-11</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Dr. Haibo Feng

COURSE #: WOOD 491

COURSE NAME: Environmental Facilities Design

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Must have knowledge of environmental engineering and plant layout principals for secondary wood manufacturing facilities.

DESCRIPTION OF GENERAL NATURE OF DUTIES: Supervision of lab exercises, plant tours and marking of assignments.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>11</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

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GTA 2	\$38.65/HR
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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Mr. Robert Fuerst

COURSE #: WOOD 499

COURSE NAME: Wood Products Capstone

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Must have a good knowledge of plant layout design techniques, industrial engineering and secondary wood products manufacturing. Knowledge of AutoCAD is an asset.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Conduct weekly labs, help prepare classes, hold office hours to provide assistance to students, mark assignments.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>7</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

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GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

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Please submit your application through the TA Application System at <u>https://applications.forestry.ubc.ca/</u> by **April 30, 2025**.

Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Mr. Robert Fuerst

COURSE #: WOOD 499

COURSE NAME: Wood Products Capstone

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Applicant must have a good knowledge about engineering economics, economic feasibility and financial accounting.

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Conduct weekly labs, help prepare classes, hold office hours to provide assistance to students, mark assignments.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>5.5</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

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UTA	\$26.40/HR

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Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.

INSTRUCTOR: Mr. Robert Fuerst

COURSE #: WOOD 499

COURSE NAME: Wood Products Capstone

TOTAL NUMBER REQUIRED: 1

REQUIRED QUALIFICATIONS:

A full-time student registered in the Department or Faculty or a full-time student registered in the Faculty of Graduate Studies in an interdisciplinary program. Must have a good understanding of the principles and problems involved in marketing goods and services, including the process through which businesses analyze, plan, implement, and manage marketing programs to develop and maintain relationships with their target customers (e.g. market research, marketing mix, situation analysis, etc.).

DESCRIPTION OF GENERAL NATURE OF DUTIES:

Conduct weekly labs, help prepare classes, hold office hours to provide assistance to students, mark assignments.

HOURS ALLOTED TO EACH COMPONENT OF JOB DUTIES: Average of <u>4</u> Hours of work per week

ADDITIONAL REQUIREMENT: VALID STUDY PERMIT and S.I.N. (for international students)

In addition, it is <u>strongly</u> recommended that all TAs take the Graduate Instructional Skills Workshop offered by the UBC Centre for Teaching, Learning and Technology.

INVIGILATION ASSIGNMENTS DURING EXAMINATION PERIODS ARE A PART OF THE DUTIES OF A TEACHING ASSISTANT. MARKERS ARE NOT REQUIRED TO INVIGILATE.

STIPENDS: Hours and Rates are established by contract between UBC & the TA. Union, CUPE Local 2278.

GTA 1	\$40.16/HR
GTA 2	\$38.65/HR
UTA	\$26.40/HR

These rates will be adjusted to reflect changes in the current collective agreement between CUPE Local 2278 and the University should any changes be made.

Please submit your application through the TA Application System at <u>https://applications.forestry.ubc.ca/</u> by **April 30, 2025**.

Students are members of the Bargaining Unit (CUPE Local 2278) from the time that they are appointed.