

**Teaching Assistantship
Position Posting
McGill University**

“McGill University is Committed to Equity in Employment”

Date of Posting: May 2, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: June 2, 2019

Course Title: Geographical Perspectives: World Environmental Problems

Course Number: GEOG 200
Instructor: Prof. Thom Meredith

Hours of work: (per term): 90

Number of TA positions available (estimate): 5

Dates of Appointment
Starting: September 1, 2019
Ending: December 31, 2019

Salary:
Hourly rate: \$29.33
Per Term: \$2,639.70

Required Duties: Assisting students with questions about course concepts, mentoring group projects. Invigilating quizzes, and grading written assignments and quizzes. Assisting with on-line communication (managing MyCourses) and with compiling and posting grades. Assisting with preparation of some teaching materials.

Qualifications Required: Knowledge of interdisciplinary aspects of one or more global environmental issue; ability to mentor project groups some skills with Excel and My Courses – or willingness to learn.

Language Requirements (if relevant): Ability to read and write French is an asset.

Name & Title of Course Supervisor: Prof. Thom Meredith

Dept. Authorization: Prof. N. Roulet

Date: May 2, 2019

NOTE: All applicants must apply in writing, using the application form provided, to the appropriate Hiring Unit within ten (10) working days from the close of the posting.

NOTE: Announcements are considered tentative, pending final determination of course offerings and enrolments.

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Date of Posting: May 2, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: June 2, 2019

Course Title: Introductory Geo-Information Science

Course Number: GEOG 201
Instructor: Profs. M. Kalacska & R. Sengupta

Hours of work: (per term): 90

Number of TA positions available (estimate): 4

Dates of Appointment
Starting: September 1, 2019
Ending: December 31, 2019

Salary:
Hourly rate: \$29.33
Per Term: \$2,639.70

Required Duties: Lead laboratory sessions, grade laboratory exercise; grade final and mid-term, answer student questions about laboratory exercises.

Qualifications Required: Strong GIS knowledge and working ability with ArcGIS 10, Google Earth and ArcGIS extensions such as spatial analyst. Basic knowledge of Python and ENVI is an asset.

Language Requirements (if relevant): The laboratory exercises are taught in English

Name & Title of Course Supervisor: Profs. M. Kalacska & R. Sengupta

Dept. Authorization: Prof. N. Roulet

Date: May 2, 2019

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Date of Posting: May 2, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: June 2, 2019

Course Title: Statistics & Spatial Analysis

Course Number: GEOG 202
Instructor: Prof. Tim Elrick

Hours of work: (per term): 90 (1), 45 (1)

Number of TA positions available (estimate): 2

Dates of Appointment
Starting: September 1, 2019
Ending: December 31, 2019

Salary:
Hourly rate: \$29.33
Per Term: \$2,639.70 and \$1,319.85

Required Duties:

- Mark assignments
- Hold regular office hours in lab to help students with assignments
- Facilitate exam review sessions
- Moderate MyCourses student discussions

Qualifications Required:

- Experience working with R
- Experience with introductory statistical theory & concepts (e.g. probability, normal distribution, data types, basic concepts of regression)
- Familiarity with spatial analysis/GIS concepts

Qualifications preferred:

- Experience with SaTScan and/or GeoDa preferred

Name & Title of Course Supervisor: Dr. Tim Elrick

Dept. Authorization: Prof. N. Roulet

Date: May 2, 2019

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Date of Posting: May 2, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: June 2, 2019

Course Title: Environmental Systems

Course Number: GEOG 203

Instructor: Profs. Tim Moore and Christian von Sperber

Hours of work: (per term): 90

Number of TA positions available (estimate): 4

Dates of Appointment

Starting: September 1, 2019

Ending: December 31, 2019

Salary:

Hourly rate: \$29.33

Per Term: \$2,639.70

Required Duties: For hydrology/soils or climatology assignments the TA will provide a demonstration or tutorial. The biogeography assignment may require a trip to the Montreal Botanical Garden and some web based research, but no tutorial. All TAs will mark assignments and exams, hold office hours (as needed), assist in compilation and preparation of course materials, invigilate exams, post material on the course web site and keep a log of their time dedicated to the course. Undergraduate TEAM students will be part of the course.

Qualifications Required: Graduate students who have done at least the equivalent of 300-level training in one of the followings topics: soils, hydrology, climate, biogeography/ecology. Administration of this course requires that each field is covered by a TA who has appropriate experience. Please indicate your expertise in the application.

Language Requirements (if relevant):

Name & Title of Course Supervisor: Profs. Tim Moore and Christian von Sperber

Dept. Authorization: Prof. N. Roulet

Date: May 2, 2019

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Date of Posting: May 2, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: June 2, 2019

Course Title: Geography Of The World Economy

Course Number: GEOG 216
Instructor: Profs. Oliver Coomes and TBA

Hours of work: (per term): 90

Number of TA positions available (estimate): 4

Dates of Appointment
Starting: September 1, 2019
Ending: December 31, 2019

Salary:
Hourly rate: \$29.33
Per Term: \$2,639.70

Required Duties:

1. Marking questions on two mid-terms and final exam;
2. Photocopying of course materials and other miscellaneous tasks (e.g. putting materials on reserve in the library);
3. Office hours (as required by student demand)
4. Assistance in class with distribution of materials and invigilation of class tests; if TA does not have a sufficient background preparation, he/she will be required to attend some lectures (to be determined by Professor);
5. Entering and management of marks in a spreadsheet throughout the term.

Qualifications Required: Excellent English language knowledge (grammar, spelling) for marking exams. Must have fluent spoken and written English. French fluency an asset.

Name & Title of Course Supervisor: Profs. Oliver Coomes and TBA

Dept. Authorization: Prof. N. Roulet

Date: May 2, 2019

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Date of Posting: May 2, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: June 2, 2019

Course Title: Earth's Changing Surface

Course Number: GEOG 272
Instructor: Prof. Wayne Pollard

Hours of work: (per term): 90

Number of TA positions available (estimate): 2

Dates of Appointment
Starting: September 1, 2019
Ending: December 31, 2019

Salary:
Hourly rate: \$29.33
Per Term: \$2,639.70

Required Duties:

- Photocopying and exercise preparation, reserves, myCourses input and coordinating maps for exercises
- Helping students with and grading topographic map based exercises, office hours
- Grading mid-term and part of the final

Qualifications Required: Background in geomorphology and ideally some geology, field oriented, good with topographic maps and map reading in general

Name & Title of Course Supervisor: Prof. Wayne Pollard

Dept. Authorization: Prof. N. Roulet

Date: May 2, 2019

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Date of Posting: May 2, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: June 2, 2019

Course Title: Environmental Management I

Course Number: GEOG 302
Instructor: Prof. Thom Meredith

Hours of work: (per term): 90

Number of TA positions available (estimate): 3

Dates of Appointment
Starting: September 1, 2019
Ending: December 31, 2019

Salary:
Hourly rate: \$29.33
Per Term: \$2,639.70

Required Duties: Assisting students with questions about course concepts, mentoring group projects. Invigilating quizzes, and grading written assignments and exams. Assisting with on-line communication (managing MyCourses) and with compiling and posting grades. Assisting with preparation of some teaching materials.

Qualifications Required: Knowledge of elements of environmental management; ability to mentor project groups some skills with Excel and My Courses – or willingness to learn.

Language Requirements (if relevant): Ability to read and write French is an asset.

Name & Title of Course Supervisor: Prof. Thom Meredith

Dept. Authorization: Prof. N. Roulet

Date: May 2, 2019

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Date of Posting: May 2, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: June 2, 2019

Course Title: Soils And Environment

Course Number: GEOG 305
Instructor: Prof. Tim Moore

Hours of work: (per term): 90

Number of TA positions available (estimate): 1

Dates of Appointment
Starting: September 1, 2019
Ending: December 31, 2019

Salary:
Hourly rate: \$29.33
Per Term: \$2,639.70

Required Duties: Participates in one-day field trip to Mont St.-Hilaire with students to describe soil profiles and collect samples. Runs laboratory analysis section where students measure soil H₂O content, pH etc. Section usually takes up to 12h/week for up to 6 weeks. Collates analytical data and presents them to students; does preliminary assessment/marketing of term papers.

Qualifications Required: Must be well-organized, have soil experience and be prepared to “fix” lab equipment.

Language Requirements (if relevant):

Name & Title of Course Supervisor: Prof. Tim Moore

Dept. Authorization: Prof. N. Roulet

Date: May 2, 2019

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Date of Posting: May 2, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: June 2, 2019

Course Title: Principles Of Remote Sensing

Course Number: GEOG 308
Instructor: Prof. M. Kalacska

Hours of work: (per term): 90

Number of TA positions available (estimate): 1

Dates of Appointment
Starting: September 1, 2019
Ending: December 31, 2019

Salary:
Hourly rate: \$29.33
Per Term: \$2,639.70

Required Duties: Lead laboratory sessions, grade laboratory assignments, and answer students' questions regarding laboratory assignments. Lab sessions are on Mondays.

Must be able to attend ALL laboratory sessions on Mondays 14:30-17:30.

Qualifications Required: In-depth Knowledge of ENVI and remote sensing principles are absolutely required.

Language Requirements (if relevant):

Name & Title of Course Supervisor: Prof. M. Kalacska

Dept. Authorization: Prof. N. Roulet

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Date of Posting: May 2, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: June 2, 2019

Course Title: Political Geography

Course Number: GEOG 316
Instructor: Prof. Ben Forest

Hours of work: (per term): 90 (1), 45 (1)

Number of TA positions available (estimate): 2

Dates of Appointment
Starting: September 1, 2019
Ending: December 31, 2019

Salary:
Hourly rate: \$29.33
Per Term: \$2,639.70 and \$1,319.85

Required Duties:

- Grading of two tests and final exam (short essays) with detailed answer key provided
- Completion of weekly readings
- Grading of weekly reading responses on myCourses
- Occasional miscellaneous interaction with students.

Qualifications Required: Familiarity with basic political geography and/or willingness to learn during the semester. Ability to grade in French helpful, but not required. ***Must be reliable and present throughout the semester.*** Students are encouraged to contact professor before applying.

Language Requirements (if relevant):

Name & Title of Course Supervisor: Prof. Ben Forest

Dept. Authorization: Prof. N. Roulet

Date: May 2, 2019

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Date of Posting: May 2, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: June 2, 2019

Course Title: Urban Social Geography

Course Number: GEOG 331
Instructor: TBA

Hours of work: (per term): 90 (1), 45 (1)

Number of TA positions available (estimate): 2

Dates of Appointment
Starting: September 1, 2019
Ending: December 31, 2019

Salary:
Hourly rate: \$29.33
Per Term: \$2,639.70 and \$1,319.85

Required Duties:

- Grading of in-class tests and end of term project.
- Some reading of lecture notes and course readings relevant to questions graded on in class tests will be necessary. But attendance at lectures is not required.
- Invigilation of in class tests and office hours to consult with students on grading of the tests and project.

Qualifications Required:

- Knowledge of urban social geography or related fields.
- Ability to evaluate written work

Language Requirements (if relevant):

Name & Title of Course Supervisor: TBA

Dept. Authorization: Prof. N. Roulet

Date: May 2, 2019

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Date of Posting: May 2, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: June 2, 2019

Course Title: Issues in Geography (Introduction to Programming for the Spatial Sciences)

Course Number: GEOG 407
Instructor: Prof. Grant McKenzie

Hours of work: (per term): 90

Number of TA positions available (estimate): 1

Dates of Appointment
Starting: September 1, 2019
Ending: December 31, 2019

Salary:
Hourly rate: \$29.33
Per Term: \$2,639.70

Required Duties:

- Assist students with weekly programming exercises (using Python, ArcPy, GDAL) in the active learning classroom, Burnside 511
- Grade assignments (which may be in the form of lab reports and/or python code) and midterm exams
- Hold office hours as needed (in consultation with the instructors)
- Assist with responding to student email queries regarding assignments
- Manage course grade sheet; help to organize and post assignment materials on *myCourses* as needed

Qualifications Required:

- Experience with programming and scripting (e.g. Python, R, Java, etc.) and relevant geographic information system software (e.g., ArcGIS, QGIS) is preferred.
- Coursework in geography and familiarity with object oriented programming concepts.
- Strong quantitative, analytical, and problem-solving skills.
- Strong communication skills and enthusiasm to patiently assist students

NOTE: This course involves challenging analytical work. Please contact the instructors to discuss the specific analytic approaches that may be used in the class if you have concerns before applying to be a TA.

Name & Title of Course Supervisor: Prof. Grant McKenzie

Dept. Authorization: Prof. N. Roulet

Date: May 2, 2019

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Date of Posting: May 2, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: June 2, 2019

Course Title: Geography Of Development

Course Number: GEOG 408
Instructor: Prof. Jon Unruh

Hours of work: (per term): 90 (1), 45 (1)

Number of TA positions available (estimate): 2

Dates of Appointment
Starting: September 1, 2019
Ending: December 31, 2019

Salary:
Hourly rate: \$29.33
Per Term: \$2,639.70 and \$1,319.85

Required Duties:

Grade exams, assist with organization of readings and discussions. Possibility to provide occasional lectures. Answer student emails and meet with students as needed.

Qualifications Required: Preferable PhD level, developing country experience, or familiarity with development issues desired.

Language Requirements (if relevant):

Name & Title of Course Supervisor: Prof. Jon Unruh

Dept. Authorization: Prof. N. Roulet

Date: June 2, 2019

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Date of Posting: May 2, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: June 2, 2019

Course Title: Urban Field Studies

Course Number: GEOG 494
Instructor: Prof. Kevin Manaugh

Hours of work: (per term): 90

Number of TA positions available (estimate): 1

Dates of Appointment
Starting: September 1, 2019
Ending: December 31, 2019

Salary:
Hourly rate: \$29.33
Per Term: \$2,639.70

Required Duties:

- Hold office hours (to be determined by student demand)
- Attend some classes
- Respond to student emails
- Be prepared to help students with any issues related to software used in course (ArcGIS, Excel)
- Possibility of lecturing or giving tutorials
- Posting and maintenance of material on MyCourse as needed

Qualifications Required:

- Skills in survey design and field research methodologies (both qualitative and quantitative)
- Familiarity with GIS
- Good communication skills
- Good organizational and problem solving skills

Name & Title of Course Supervisor: Prof. Kevin Manaugh

Dept. Authorization: Prof. N. Roulet

Date: May 2, 2019

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Teaching Assistantship Position Posting McGill University

“McGill University is Committed to Equity in Employment”

Date of Posting: May 16, 2019

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: July 16, 2019

Course Title: MODELLING ENVIRONMENTAL SYSTEMS

Course Number: GEOG 501

Instructor: Prof. N. Roulet

Hours of work: (per term) 90

Number of TA positions available (estimate): 1

Dates of Appointment

Starting: 1 Sept., 2019

Ending: 31 Dec., 2019

Salary:

Hourly rate: \$29.33

Per Term: \$2,639.70

Required Duties:

- Supervise and assist in 9 modelling workshops held in the active learning classroom BH 511
- Grading of five assignments
- Hold office hours for assignment weeks and the three weeks the students are working on their individual modeling projects
- Assist with 3 workshops when students work on their independent models
- Management of the course grade sheet
- Posting material on myCourses as needed

Qualifications Required:

- Good background in systems modeling (exponential growth and decay, logistics equation, oscillatory behaviour, feedbacks, stability, equilibrium conditions, steps in modeling, etc.).
- Be a systems thinker
- Thorough knowledge of STELLA Professional or equivalent modeling software.
- Good communication skills
- Patience and empathy with students
- Good problem solving skills
- Good organizational skills

Language Requirements (if relevant): English

Name & Title of Course Supervisor: Prof. N. Roulet

Dept. Authorization: Prof. N. Roulet

Date: May 16, 2019

NOTE: All applicants must apply in writing, using the application form provided, to the appropriate Hiring Unit within ten (10) working days from the close of the posting.

NOTE: Announcements are considered tentative, pending final determination of course offerings and enrolments.