

Teaching Assistantship Position Posting McGill University

McGill University is Committed to Equity in Employment

Date of Posting: December 20, 2017

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: December 22, 2017

Course Title: Global Places and People

Course Number: GEOG 210

Instructor: Professors Brian Robinson & Yann le Polain de Waroux

Hours of work: (per term) 90 hrs

Number of TA positions available (estimate): 1

Dates of Appointment

Starting: January 8, 2018

Ending: April 30, 2018

Salary:

Hourly rate: \$29.33

Per Term: \$2639.70

Required Duties:

- Grading of course examinations and compiling results. Questions on midterms will be in short-answer format (1 paragraph), multiple choice, etc. The instructors will provide detailed answer keys.
- Assisting with & grade field exercises and/or projects. Answer keys or grading rubrics will be provided.
- Invigilation of midterm exams, including distributing, collating, and verifying midterm exam papers.
- When necessary, assist in compilation and photocopying of course materials. Some viewing of videos might be required for grading.
- Hold office hours once a week for student enquiries regarding course material and evaluations.
- Some grading of student work; and collation and verifying of grades/papers.
- MyCourses management. Show videos to class and manage AV equipment.
- All TAs should be available on campus until the final exam has been fully graded (as late as the first week of May).

Qualifications Required:

- Familiarity with Basic Themes in Cultural Geography, Political Geography, and Social-economic Geography
- Bilingual an Asset
- Ability to manage database/spreadsheets

Name & Title of Course Supervisors: Professors Brian Robinson & Yann le Polain de Waroux

Dept. Authorization: Prof. N. Roulet

Date: December 20, 2017

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: December 21, 2017

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: December 22, 2017

Course Title: Raster Geo-Information Science

Course Number: GEOG 306

Instructor: Professor Bernhard Lehner

Hours of work: (per term) 45-hrs

Number of TA positions available (estimate): 1

Dates of Appointment

Starting: January 8, 2018

Ending: April 30, 2018

Salary:

Hourly rate: \$29.33

Per Term: \$1319.85(45 hr)

Required Duties:

- Assist in GIC classroom and audio-visual setup.
- Assist in GIC laboratory.
- Assist in (or administer) previously created GIS tutorials during lab sessions.
- Assist students with development of final project ideas (including data access, downloads and manipulation) .
- Grade (or support grading of) GIS assignments, lab exercises, final project, mid-term and final exams.

Qualifications Required:

- Strong GIS knowledge and advanced working ability within ESRI's ArcGIS 10,x software environment.
- Must have taken an appropriate sequence of GIS courses (from beginner to intermediate level, e.g. Geog201, Geog306, Geog307).
- Some GIS customization/programming knowledge is an asset.
- Good communication skills and patience interacting with students are required.

Name & Title of Course Supervisor: Professor B. Lehner

Dept. Authorization: Prof. N. Roulet

Date: December 21, 2017

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Date of Posting: December 20, 2017

Hiring Unit & Address: Geography
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Application Deadline Date: December 22, 2017

Course Title: Socioeconomic Applications of GIS

Course Number: GEOG 307

Instructor: Professor Raja Sengupta

Hours of work: (per term) 45 hrs

Number of TA positions available (estimate): 1

Dates of Appointment

Starting: January 8, 2018

Ending: April 30, 2018

Salary:

Hourly rate: \$29.33

Per Term: : \$1319.85

Required Duties:

- Administer previously created GIS labs/tutorials during lab sessions.
- Assist students with development of final project ideas (including data access and downloading, and manipulation).
- Grade the labs when completed.
- Grade the final project.

Qualifications Required:

- Requires knowledge of both ESRI ArcView and ArcGIS software, and some customization/programming knowledge.
- Must have taken the following courses (or their equivalents): GEOG 201: Intro to GIS, GEOG 306: Raster GIS, GEOG 307: Socio-economic Applications of GIS, GEOG 506: Seminar in GeoInformation Science

Name & Title of Course Supervisor: Professor Raja Sengupta

Dept. Authorization: Prof. N. Roulet

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Hiring Unit & Address: Geography
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Application Deadline Date: December 22, 2017

Course Title: Environmental Hydrology

Course Number: GEOG 322

Instructor: Professors Nigel Roulet & Bernhard Lehner

Hours of work (per term): 90-hrs

Number of TA positions available: 1

Dates of Appointment:

Starting: January 8, 2018

Ending: April 30, 2018

Salary:

Hourly rate: \$29.33

Per Term: \$2639.70

Required Duties:

- Short presentation to class on the take home assignments in lecture periods
- Grading of three to five assignments and some parts of the mid-term and final examination based on marking key provided by the course instructors
- Management of the grade sheets
- Weekly office hours
- Advising students on the writing of a precis of a research paper and / or annotated bibliographies
- Grading of a precis assignment

Qualifications Required:

- Good conceptual understanding of surface hydrological processes including precipitation, evapotranspiration, controls on water storage in the soil water and groundwater zone, the production of runoff in catchments, runoff regime of large rivers, and the catchment hydrology of permafrost regions, forested catchment in the boreal and temperate zone, wetlands, and lakes and reservoirs
- Ability to communicate clearly and effectively to students from a mix of educational science backgrounds
- Working knowledge of MyCourses WebCT: e.g. posting lectures and reading material, posting course announcements; assignment dropbox; etc.
- Ability to effectively co-manage with instructors a course grade sheets effectively
- Patience and empathy when dealing with students
- Experience with using bibliographic search engines such as Scopus or Web of Science and bibliographic software such as Endnote
- Excellent English skills: grammar and composition

Name & Title of Course Supervisor: Professors Nigel Roulet & Bernhard Lehner

Dept. Authorization: Prof. N. Roulet

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Hiring Unit & Address: Geography
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Application Deadline Date: December 22, 2017

Course Title: Quantitative Methods

Course Number: GEOG 351

Instructor: Professor Sebastien Breau

Hours of work: (per term) 135-hrs

Number of TA positions available (estimate): 1

Dates of Appointment:

Starting: January 8, 2018

Ending: April 30, 2018

Salary:

Hourly rate \$29.33

Per Term: \$3959.55

Required Duties

- Grading (lab assignments, midterm and final exams)
- Lead a few lab sessions during semester
- Assist in responding to student emails and basic maintenance on myCourses.

Qualifications Required:

- Strong background in basic statistics and regression analysis
- Knowledge of STATA preferred but not required

Name & Title of Course Supervisor: Professor Sebastien Breau

Dept. Authorization: Prof. N. Roulet

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Hiring Unit & Address: Geography
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Application Deadline Date: December 22, 2017

Course Title: Principles of Geospatial Web

Course Number: GEOG 384

Instructor: Professor Renee Sieber

Hours of work: (per term) 90 hrs

Number of TA positions available (estimate): 1

Dates of Appointment

Starting: January 8, 2018

Ending: April 30, 2018

Salary:

Hourly rate: \$29.33

Per Term: \$2639.70

Required Duties:

- Grading
- Running coding workshops on Javascript
- Assistance with Javascript and coding in general
- Assistance in design of assignments

Qualifications Required:

- Real-world coding skills (Javascript preferable)
- Experience with web development and offline development (database, server, user interface)
- Skills in data visualization (SVG preferred)
- Good organization skills

Name & Title of Course Supervisor: Professor Renee Sieber

Dept. Authorization: Prof. N. Roulet

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