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| Description: SFU_BlockSFUTag_P187-1 | **Faculty of Environment****Department of Geography** |
|  |  778.782.3321 |
|  | RCB 7123- 8888 University DriveBurnaby, BC Canada V5A 1S6 |  |  geog-info@sfu.ca [www.sfu.ca/geography](http://www.sfu.ca/geography) |

June 4, 2018

**The Department of Geography invites applications for the following position(s):**

**Sessional Instructors**

**Teaching Support Staff Union (TSSU)**

All positions have a closing date of **Monday, June 18, 2018 at 9:00 am.** The documents should include **three current letters of reference, including at least one from a department/school/program for which courses have been taught, unless the applicant recently taught for the Department of Geography**. Further information is available on the [Department of Geography Website](http://www.sfu.ca/geography/opportunities-in-geography/faculty-ta-sessionals.html).

If you cannot submit an online application, we will accept your application in person at the Department of Geography office (RCB 7123).

For questions and inquiries, please email the Chair’s Assistant at  geogsec@sfu.ca or contact the Manager, Academic and Administrative services at 778.782.2558 or geogmgr@sfu.ca.

In addition to the listed qualifications for each position, the Department of Geography will define qualification in accordance with the Collective Agreement with the Teaching Support Staff Union (TSSU). Evaluation of the adequacy of qualifications is at the Chair’s/Director’s discretion. Departments may interview a short list of candidates. For graduate students enrolled in the SFU program in which they are applying to teach, different criteria may be waived.

Compensation is based on contact hours and is detailed in the TSSU Collective Agreement [salary scales](http://www.tssu.ca/wages/).

Appointment priority is in accordance with the Collective Agreement and the Sessional Instructor Seniority List provided by the University.

Positions marked *Reserve Sessional Instructor* will be prioritized to Graduate and Post-Doctoral applicants in the Department of Geography. However, all qualified applicants are invited to apply.

***The tentative class schedule is available online. Please check the schedule before applying.***

***The University is committed to the principle of equity in employment.***

***Privacy:*** *The information submitted with your application is collected under the authority of the University Act (R.S.B.C. 1996, c.468, s. 27(4)(a)), applicable federal and provincial employment regulations and requirements, the University's non-academic employment policies and applicable collective agreements. The information is related directly to and needed by the University to initiate the employment application process. The information will be used to contact references supplied by you, evaluate your qualifications and complete the employment process by making a hiring decision. Applicant information may also be disclosed to the Teaching Support Staff Union in accordance with Article XIII F.3.1.a (iv) of the Collective Agreement. If you have any questions about the collection, use and disclosure of this information please contact the Associate VP, Human Resources, Simon Fraser University, Burnaby, BC V5A 1S6. Telephone 778-782-3237.

Offers are subject to enrollment and budgetary approval.*

1.

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| COURSE: | **GEOG 214 Weather and Climate** |
| LOCATION: | Burnaby Campus |
| DURATION: | August 30 – December 20, 2018 |
| DETAILS:  | 1x2 hour lecture (Thursdays, 12:30-14:20) 1x2 hour lab; TA supervision; 4 contact hours |
| QUALIFICATIONS: | Applicants should have a graduate degree, preferably a PhD, in geography or related discipline, and demonstrated expertise in weather and climate as well as relevant demonstrated ability to teach in the classroom and lab to students with a wide range of backgrounds in science and social science.Qualifications include a background in atmospheric science including an understanding of the fundamental processes that govern the atmosphere (energy balance, humidity, stability) as well as proficiency with instrumentation to measure atmospheric variables (humidity, temperature, wind speed). This course has a Quantitative designation (<https://www.sfu.ca/ugcr/for_faculty/wqb_criteria_and_definitions/quantitative.html>); course content must fulfill this requirement. |

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| COURSE: | **GEOG 253 Introduction to Remote Sensing** |
| LOCATION: | Burnaby Campus |
| DURATION: | August 30 – December 20, 2018 |
| DETAILS:  | 1x2 hour lecture (Tuesdays, 10:30-12:20) 1x2 hour lab; TA supervision; 4 contact hours |
| QUALIFICATIONS: | Applicants should have a graduate degree; preferably a PhD, in geography or related discipline, and demonstrated expertise in remote sensing as well as relevant demonstrated ability to teach in face-to-face classroom and computer lab settings to students with a wide range of academic backgrounds science and social science.Qualifications include demonstrated competence in the use of analog and digital remote sensing methods and techniques for processing aerial photography and satellite imagery. Topics covered include remotely-sensed data acquisition and correction, the concepts of spatial, spectral, radiometric and temporal resolutions, and digital image analysis techniques including pre-processing, classification (supervised and unsupervised) and change detection. Radar and LiDAR are introduced in this course. Applicants should be able to explain these subjects clearly and effectively to students, and provide them with an appreciation of how remote sensing data can be used in real-world decision-making. Lab assignments are preferably conducted using ENVI or IDRISI software.This course has both Quantitative (<https://www.sfu.ca/ugcr/for_faculty/wqb_criteria_and_definitions/quantitative.html>) and Breadth Science (<https://www.sfu.ca/ugcr/for_faculty/wqb_criteria_and_definitions/breadth.html>)designations; course content must fulfill these requirements. |

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| COURSE: | **GEOG 324 Geography of Transportation** |
| LOCATION: | Vancouver Campus |
| DURATION: | August 30 – December 20, 2018 |
| DETAILS:  | 1x2 hour lecture (Mondays, 12:30-14:20) and 1x2 hour tutorial; TA supervision. 4 contact hours. \***This course has a field trip.** Include a field trip plan and budget.  Course fees collected as part of tuition are $21.65 per student. |
| QUALIFICATIONS: | Applicants should have a graduate degree, preferably a PhD, in geography or related discipline, and demonstrated expertise in transportation geography as well as relevant demonstrated ability and relevant demonstrated ability to teach in the classroom to students with a wide range of backgrounds in social science.Qualifications include the ability to provide students with geographical knowledge of the full spectrum of topics within the field of transport geography, including but not limited to the relationship between transportation and spatial structure, economic development, land use, urban form, environment, and policy, across a variety of modes and spatial scales.  Candidates should be able to help students think critically about the relationships between transportation, mobility and place. Knowledge of examples from various parts of the world, including Canada, British Columbia and greater Vancouver, is an asset.**\*This is a reserve sessional instructor position** |

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| **COURSE:** | **GEOG 442 A World of Cities**  |
| LOCATION: | Vancouver Campus |
| DURATION: | August 30 – December 20, 2018 |
| DETAILS:  | 1x 4 hour seminar (Wednesdays, 13:30-17:20); 4 contact hours |
| QUALIFICATIONS: | Applicants should have a graduate degree, preferably a PhD, in geography or related discipline, and demonstrated expertise in urban geography or urban studies as well as relevant demonstrated ability to teach students with a wide range of backgrounds in social science.Qualifications include the ability to lead students in advanced, critical engagement with key literature and debates at the intersection of urbanization and globalization, including but not limited to those on world and global cities, networked cities, neoliberal urbanization, the ordinary city, urban policy mobilities, worlding and inter-referencing cities, and attempts to decentre global North urban theory. Since the course offers students a Capstone experience, the instructor should have the demonstrated ability to facilitate project-based research and to offer students advice on how to build on their geographic skills after their undergraduate career. Candidates who can speak about examples from various parts of the world will be favoured. **\*This is a reserve sessional instructor position** |

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| **COURSE:** | **GEOG 311 Hydrology** |
| LOCATION: | Burnaby Campus |
| DURATION: | August 30 – December 20, 2018 |
| DETAILS:  | 1x2 hour lecture (Tuesdays, 12:30-14:20) and 1x2 hour lab; TA supervision; 4 contact hours |
| QUALIFICATIONS: | Applicants should have a graduate degree; preferably a PhD in geography or related discipline, demonstrated expertise in hydrology, and relevant demonstrated ability to teach in the classroom, lab and field settings to students with a wide range of backgrounds in the natural and social sciences.Qualifications include a thorough understanding of the hydrologic cycle and hydrologic processes, including: precipitation, evapotranspiration, soil moisture, runoff processes, and snow and glacier hydrology. Applicants should complement a strong grasp of hydrologic theory with understanding of hydrologic sensors and measurement. Knowledge of microclimatology, hydrogeology, and/or soil physics would be considered an asset. |