



SAINT MARY'S
UNIVERSITY SINCE 1802

BIOLOGY
FACULTY OF SCIENCE

CUPE 3912 Job Posting for Part-Time Instructor

Course: BIOL 2303.1 Plant Biology - Lecture
Department: Department of Biology, Faculty of Science, Saint Mary's University.
Semester: Fall 2017 (06 September 2017 – 16 December 2017)
Schedule: Monday/Wednesday 10:00-11:15 am

Academic Calendar Description:

This course is an introduction to plant biology, with emphasis on angiosperm plant structure, reproduction and development, basic mechanisms of photosynthesis and respiration, plant nutrition, and growth regulation. Land plants are also studied from an evolutionary perspective, spanning from the first appearance of plants on land to the major groups present today.

Additional Details:

Lecture only.

Qualifications:

Preferred applicant will possess a PhD in Biology or related field, and relevant course experience with respect to course instruction (with evidence of teaching effectiveness).

Duties:

- To prepare, deliver and coordinate the lecture component of the course
- To mark assignments and exams, and complete any other form of evaluation required by the SMU Biology Department and/or the University
- To comply with safety regulations that maintain a safe learning environment for staff and students

Remuneration:

Remuneration is in accordance with the Collective Agreement between Saint Mary's University and CUPE 3912.

How to Apply:

Applications are invited in the first instance from part-time faculty colleagues on the Saint Mary's precedence list. Applicants who currently hold a part-time teaching appointment at Saint Mary's University should submit a cover letter and a C.V. Applicants who do not currently hold a part-time teaching appointment at Saint Mary's University should submit a complete application (including a cover letter, CV, proof of academic credentials, name and contact information of three referees, and any evidence of teaching effectiveness).

Submissions are made as a single PDF file sent directly via email to: Dr. Susan Bjornson, Chairperson, Department of Biology, susan.bjornson@smu.ca.

Application Deadline: 30 June 2017.

Saint Mary's University hires on the basis of merit and is committed to the principles of employment equity. Saint Mary's University encourages applications from qualified women, visible minorities, Aboriginal people, and people with disabilities. Preference will be given to Canadian citizens and permanent residents of Canada.



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CUPE 3912 Job Posting for Part-Time Instructor

Course: BIOL 2303.1L Plant Biology - Lab
Department: Department of Biology, Faculty of Science, Saint Mary's University.
Semester: Fall 2017 (06 September 2017 – 16 December 2017)
Schedule: Monday 2:30-5:49 pm

Academic Calendar Description:

This course is an introduction to plant biology, with emphasis on angiosperm plant structure, reproduction and development, basic mechanisms of photosynthesis and respiration, plant nutrition, and growth regulation. Land plants are also studied from an evolutionary perspective, spanning from the first appearance of plants on land to the major groups present today.

Additional Details:

Laboratory only.

Qualifications:

Preferred applicant will possess an MSc in Biology or related field, and relevant course experience with respect to course instruction (with evidence of teaching effectiveness), and evidence of completing WHMIS training.

Duties:

- To provide biology lab instruction (such as pre-lab tutorial) to undergraduate students
- To supervise and advise undergraduate students performing biological lab activities
- To supervise a teaching assistants (when available) helping with the lab instruction
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BIOLOGY
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CUPE 3912 Job Posting for Part-Time Instructor

Course: BIOL 2324.1 Ecology - Lecture
Department: Department of Biology, Faculty of Science, Saint Mary's University.
Semester: Fall 2017 (06 September 2017 – 16 December 2017)
Schedule: Monday/Wednesday 8:30-9:45 am

Academic Calendar Description:

Ecology is the study of interactions and relationships among organisms and their environment such as adaptations, competition and predation. Topics include the density, diversity and distribution of organisms, population dynamics, community relationships and structure, succession, and the flow of energy and matter through ecosystems.

Additional Details:

Lecture only.

Qualifications:

Preferred applicant will possess a PhD in Biology or related field, and relevant course experience with respect to course instruction (with evidence of teaching effectiveness).

Duties:

- To prepare, deliver and coordinate the lecture component of the course
- To mark assignments and exams, and complete any other form of evaluation required by the SMU Biology Department and/or the University
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Semester: Fall 2017 (06 September 2017 – 16 December 2017)
Schedule: Monday 2:30-5:49 pm

Academic Calendar Description:

Ecology is the study of interactions and relationships among organisms and their environment such as adaptations, competition and predation. Topics include the density, diversity and distribution of organisms, population dynamics, community relationships and structure, succession, and the flow of energy and matter through ecosystems.

Additional Details:

Laboratory only.

Qualifications:

Preferred applicant will possess an MSc in Biology or related field, and relevant course experience with respect to course instruction (with evidence of teaching effectiveness), and evidence of completing WHMIS training.

Duties:

- To provide biology lab instruction (such as pre-lab tutorial) to undergraduate students
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CUPE 3912 Job Posting for Part-Time Instructor

Course: BIOL 3398.1 Microbiology - Lecture
Department: Department of Biology, Faculty of Science, Saint Mary's University.
Semester: Fall 2017 (06 September 2017 – 16 December 2017)
Schedule: Monday/Wednesday 11:30 am-12:45 pm

Academic Calendar Description:

This course is an introduction to the world of microorganisms, the means by which they are studied, and their role in human disease. Topics may include: the origin and discovery of microbial life, structure and function of prokaryotic cells, cell growth and development, and the role of bacteria, fungi, viruses and protozoa with respect to the development of human disease.

Additional Details:

Lecture only.

Qualifications:

Preferred applicant will possess a PhD in Biology or related field, and relevant course experience with respect to course instruction (with evidence of teaching effectiveness).

Duties:

- To prepare, deliver and coordinate the lecture component of the course
- To mark assignments and exams, and complete any other form of evaluation required by the SMU Biology Department and/or the University
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Course: BIOL 3398.1L Microbiology - Lab
Department: Department of Biology, Faculty of Science, Saint Mary's University.
Semester: Fall 2017 (06 September 2017 – 16 December 2017)
Schedule: Wednesday 2:30-5:49 pm

Academic Calendar Description:

This course is an introduction to the world of microorganisms, the means by which they are studied, and their role in human disease. Topics may include: the origin and discovery of microbial life, structure and function of prokaryotic cells, cell growth and development, and the role of bacteria, fungi, viruses and protozoa with respect to the development of human disease.

Additional Details:

Laboratory only.

Qualifications:

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Duties:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: BIOL 4010.1 Biology of Cancer - Lecture
Department: Department of Biology, Faculty of Science, Saint Mary's University.
Semester: Fall 2017 (06 September 2017 – 16 December 2017)
Schedule: Monday/Wednesday 8:30 -9:45 am

Academic Calendar Description:

Students study current models of the nature of cancer and how cancer arises in a multicellular body. Topics include the molecular mechanisms that control normal growth and development, including oncogenes, tumor suppressors, the cell cycle, cell death, and cell communication. Students explore how molecular mechanisms act inappropriately in cancer cells, and how this knowledge influences anti-cancer therapies.

Additional Details:

Lecture only.

Qualifications:

Preferred applicant will possess a PhD in Biology or related field, and relevant course experience with respect to course instruction (with evidence of teaching effectiveness).

Duties:

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Semester: Fall 2017 (06 September 2017 – 16 December 2017)
Schedule: Monday 2:30-5:49 pm

Academic Calendar Description:

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