

Physics/Astronomy/Atmospheric Science

Please Note:

Prospective job candidates are URGED to check with the respective department, dean, or payroll office for a more detailed description of qualifications. DO NOT apply for jobs via CUPE 3912, but directly with the contact person for each job posting. Some departments may accept applications online; others might not. It is our recommendation that you include a COMPLETE CV with every application, even if it is not requested.

Jobs are listed newest-to-oldest and expired job postings are periodically archived.



POSITION TITLE	Part-Time Academic (PHYC 1452: Astronomy II Stellar and Galactic Astronomy)
POSTING NUMBER	PTAP510P
DEPARTMENT/UNIT	Physics and Atmospheric Science
LOCATION	Halifax
JOB SUMMARY & KEY RESPONSIBILITIES	Winter Term 2020-2021 (January 1, 2021 to April 30, 2021) 1. PHYC 1452 Astronomy II Stellar and Galactic Astronomy Duties include full responsibility for teaching. Reasonable

office hours should be available to students.

QUALIFICATIONS/REQUIREMENTS OF POSITION	Candidates must have an advanced degree in Physics (MSc or PhD), and must have critical thinking skills and relevant teaching experience at the university level. Excellent computing, organizational, and written communication skills are required.
SALARY RANGE/PAY RATE	Per CUPE Collective Agreement
ADDITIONAL INFORMATION	All offers of employment as a Part-Time Academic are conditional upon sufficient student enrolment in the course and approval by the University. Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The university encourages applications from Indigenous persons, persons with a disability, racially visible persons, women, persons of a minority sexual orientation and/or gender identity, and all candidates who would contribute to the diversity of our community. For more information, please visit www.dal.ca/hiringfordiversity .
TERM OF APPOINTMENT	January 1, 2021 – April 30, 2021
OPEN DATE	11/03/2020
CLOSE DATE	11/12/2020
OPEN UNTIL FILLED	
QUICK LINK FOR DIRECT ACCESS TO POSTING	http://dal.peopleadmin.ca/postings/4758

Documents Needed to Apply

Required Documents

1. Cover Letter
2. Résumé / Curriculum Vitae (CV)



Department/Faculty: Chemistry/Physics

Course Name: LAB – General Physics II

Course Code: PHYS 102L LB

Academic Term: Winter

Class Timetable: T 1:30PM – 4:15PM

Course Unit Value: 0.25

Start Date: 1/11/2021

End Date: 4/27/2021

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction. Candidates must also have experience using the Blackboard/Collaborate virtual classroom. Candidates must be willing to participate in additional training in the optimum range of teaching operations in the Moodle LMS and in the Collaborate virtual classroom, if necessary, to reach the required level of competency before the course begins. Candidates must also be

sensitive to the needs of distant, mature and part-time learners.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with the instructor of the lecture portion of the course (PHYS 1102) to facilitate coordination. Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca Application deadline: 11/4/2020

Department/Faculty: Chemistry/Physics
Course Name: LAB – General Physics II
Course Code: PHYS 102L LA
Academic Term: Winter
Class Timetable: F 1:30PM – 4:15PM
Course Unit Value: 0.25

Start Date: 1/11/2021
End Date: 4/27/2021

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Candidates must also have experience using the Blackboard/Collaborate virtual classroom. Candidates must be willing to participate in additional training in the optimum range of teaching operations in the Moodle LMS and in the Collaborate virtual classroom, if necessary, to reach the required level of competency before the course begins. Candidates must also be sensitive to the needs of distant, mature and part-time learners.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with the instructor of the lecture portion of the course (PHYS 1102) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca Application deadline: 11/4/2020



CUPE 3912 Job Posting for Part-Time Instructor

Course: **PHYS 2510.2 Lecture**

Thermodynamics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter Session (6 Jan – 7 Apr 2021, Exam period: 10 Apr – 20 Apr 2021)

Schedule: Lectures Tuesday and Thursday 11:30 – 12:45 (if synchronous*)

Academic Calendar Description:

Students are introduced to the basic ideas of thermal physics, including temperature, heat, work, entropy and free energy. These ideas are expanded into the first and second laws of thermodynamics, with applications including phase transitions, engines, refrigerators, and batteries.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Winter courses should be delivered remotely, and that asynchronous delivery may be preferred.

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: chair@ap.smu.ca

Application Deadline: 11 November 2020

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.

CUPE 3912 Job Posting for Part-Time Instructor

Course: **PHYS 4410.2 Lecture**

Electrodynamics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter Session (6 Jan – 7 Apr 2021, Exam period: 10 Apr – 20 Apr 2021)

Schedule: Lectures Monday and Wednesday 10:00 – 11:15
(if synchronous*)

Academic Calendar Description:

This course is a continuation of PHYS 3410, which focused primarily on electro and magnetostatics, and turns to the more general theory of electrodynamics. Topics include Faraday's law of induction, Maxwell's equations in vacuo and matter, the Poynting vector, electromagnetic waves, wave guides, scalar and vector potentials, gauge transformations, Lienardt-Wiechart potentials, radiation from moving charges, and relativistic electrodynamics.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Winter courses should be delivered remotely, and that asynchronous delivery may be preferred.

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CUPE 3912 Job Posting for Part-Time Instructor

Course: **PHYS 1211L D Lab**

University Physics II Lab

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter Session (6 Jan – 7 Apr 2021, Exam period: 10 Apr – 20 Apr 2021)

Schedule: Lab Thursday 2:30 – 5:30 (if synchronous*)

Academic Calendar Description:

This calculus-based physics course is a continuation of PHYS 1210, and covers the topics of oscillations and waves, thermodynamics, and electricity and magnetism. Labs: 3 hrs/week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lab preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Winter courses should be delivered remotely, and that asynchronous delivery may be preferred.

Remuneration:

Remuneration is in accordance with the Collective Agreement between Saint Mary's University and CUPE 3912. Lab section weight: 0.25 FCE.

How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: **PHYS 1211.2L C Lab**

University Physics II Lab

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter Session (6 Jan – 7 Apr 2021, Exam period: 10 Apr – 20 Apr 2021)

Schedule: Lab Wednesday 2:30 – 5:30 (if synchronous*)

Academic Calendar Description:

This calculus-based physics course is a continuation of PHYS 1210, and covers the topics of oscillations and waves, thermodynamics, and electricity and magnetism. Labs: 3 hrs/week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an

M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lab preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Winter courses should be delivered remotely, and that asynchronous delivery may be preferred.

Remuneration:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: **PHYS 1211.2L B Lab**

University Physics II Lab

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter Session (6 Jan – 7 Apr 2021, Exam period: 10 Apr – 20 Apr 2021)

Schedule: Lab Tuesday 2:30 – 5:30 (if synchronous*)

Academic Calendar Description:

This calculus-based physics course is a continuation of PHYS 1210, and covers the topics of oscillations and waves, thermodynamics, and electricity and magnetism. Labs: 3 hrs/week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lab preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Winter courses should be delivered remotely, and that asynchronous delivery may be preferred.

Remuneration:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: **PHYS 1211.2L A Lab**

University Physics II Lab

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter Session (6 Jan – 7 Apr 2021, Exam period: 10 Apr – 20 Apr 2021)

Schedule: Lab Monday 2:30 – 5:30 (if synchronous*)

Academic Calendar Description:

This calculus-based physics course is a continuation of PHYS 1210, and covers the topics of oscillations and waves, thermodynamics, and electricity and magnetism. Labs: 3 hrs/week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: **PHYS 1210 Lecture**

University Physics I

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter Session (6 Jan – 7 Apr 2021, Exam period: 10 Apr – 20 Apr 2021)

Schedule: Lectures Monday and Wednesday 8:30 – 9:45 (if synchronous*)

Academic Calendar Description:

This calculus-based physics course is intended primarily for (astro) physics and chemistry majors and engineers. Topics include kinematics, Newton's laws of motion, conservation of energy and momentum, rotational dynamics, and Newton's law of gravitation. Emphasis is placed on problem solving skills. Classes 3 hrs.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Winter courses should be delivered remotely, and that asynchronous delivery may be preferred.

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given to Canadian citizens and permanent residents of Canada.

CUPE 3912 Job Posting for Part-Time Instructor

Course: **PHYS 1210.2L A Lab**

University Physics I Lab

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter Session (6 Jan – 7 Apr 2021, Exam period: 10 Apr – 20 Apr 2021)

Schedule: Lab Wednesday 2:30 – 5:30 (if synchronous*)

Academic Calendar Description:

This calculus-based physics course is intended primarily for (astro) physics and chemistry majors and engineers. Topics include kinematics, Newton's laws of motion, conservation of energy and momentum, rotational dynamics, and Newton's law of gravitation. Emphasis is placed on problem solving skills. Lab 3 hrs. per week

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lab preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Winter courses should be delivered remotely, and that asynchronous delivery may be preferred.

Remuneration:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: **ASTR 2400.2 Lecture**

Physics of Stars

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter Session (6 Jan – 7 Apr 2021, Exam period: 10 Apr – 20 Apr 2021)

Schedule: Lectures Tuesday and Thursday 10:00 – 11:15 (if synchronous*)

Academic Calendar Description:

One of the major scientific achievements of the 20th Century was the quantitative understanding of stars. This course reviews these advances including the use of binary stars to determine stellar properties, spectral classification and the Boltzmann and Saha equations, radiative transfer and stellar atmospheres, the equations of stellar structure, and the interiors of hydrogen burning stars such as the Sun.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Winter courses should be delivered remotely, and that asynchronous delivery may be preferred.

Remuneration:

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How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: **ASTR 1010.2 WX** **WEB COURSE**

Life in the Universe

Department: Department of Astronomy and Physics

Semester: Winter Session (6 Jan – 7 Apr 2021, Exam period: 10 Apr – 20 Apr 2021)

Schedule: Lectures **Web course**

Academic Calendar Description:

What are the astronomical, biological, and sociological perspectives on extraterrestrials? Students examine the different types of worlds

in our universe; the diversity of life-forms already discovered in extreme environments here on Earth; and the search for biological and intelligent life on other worlds within and outside our own solar system.

Additional Details:

There are two sections of this course (WW and WX). Each section is posted separately.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level, and must have previously taught ASTR 1010 as a web course. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: **ASTR 1010.2 WW WEB COURSE**

Life in the Universe

Department: Department of Astronomy and Physics

Semester: Winter Session (6 Jan – 7 Apr 2021, Exam period: 10 Apr – 20 Apr 2021)

Schedule: Lectures **Web course**

Academic Calendar Description:

What are the astronomical, biological, and sociological perspectives on extraterrestrials? Students examine the different types of worlds in our universe; the diversity of life-forms already discovered in extreme environments here on Earth; and the search for biological and intelligent life on other worlds within and outside our own solar system.

Additional Details:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: **ASTR 1001.2 B LECTURE**

Stars & Galaxies

Department: Department of Astronomy and Physics

Semester: Winter Session (6 Jan – 7 Apr 2021, Exam period: 10 Apr – 20 Apr 2021)

Schedule: LECTURES: **Tuesday and Thursday** 1:00 – 2:15 (if synchronous*)

Academic Calendar Description:

This course is an introduction to astronomy beyond the Solar System for non-science students with little background in science and mathematics. Topics include: the Sun as a star, stars and star clusters, stellar evolution, nebulae, the Milky Way, galaxies and galaxy clusters, quasars, active galaxies, cosmology. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory. Classes 3 hrs. and lab/telescope observing 1 hr. per week

Qualifications:

Applicants must possess at least an M.Sc. in Astronomy or related field. Preferred applicant will have demonstrated experience in teaching astronomy at the university level. *Experience with preparing and delivering remote-mode courses will be considered an

asset.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; evaluation of all student assessments; and course-related student advising. *Note that Winter courses should be delivered remotely, and that asynchronous delivery may be preferred.

Remuneration:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: **ASTR 1001.2 A LECTURE**

Stars & Galaxies

Department: Department of Astronomy and Physics

Semester: Winter Session (6 Jan – 7 Apr 2021, Exam period: 10 Apr – 20 Apr 2021)

Schedule: LECTURES: **Monday and Wednesday** 1:00 – 2:15 (if synchronous*)

Academic Calendar Description:

This course is an introduction to astronomy beyond the Solar System for non-science students with little background in science and mathematics. Topics include: the Sun as a star, stars and star clusters, stellar evolution, nebulae, the Milky Way, galaxies and galaxy clusters, quasars, active galaxies, cosmology. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory. Classes 3 hrs. and lab/telescope observing 1 hr. per week

Qualifications:

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Duties:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 1210.2L B Lab

University Physics I Lab

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter Session (6 Jan – 7 Apr 2021, Exam period: 10 Apr – 20 Apr 2021)

Schedule: Lab Thursday 2:30 – 5:30 (if synchronous*)

Academic Calendar Description:

This calculus-based physics course is intended primarily for (astro) physics and chemistry majors and engineers. Topics include kinematics, Newton's laws of motion, conservation of energy and momentum, rotational dynamics, and Newton's law of gravitation. Emphasis is placed on problem solving skills. Lab 3 hrs. per week

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lab preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Winter courses should be delivered remotely, and that asynchronous delivery may be preferred.

Remuneration:

Remuneration is in accordance with the Collective Agreement between Saint Mary's University and CUPE 3912. Lab section weight: 0.25 FCE.

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: chair@ap.smu.ca

Application Deadline: 6 November 2020

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.



Department/Faculty: Chemistry/Physics
Course Name: Intro Astronomy II: Stars and Galaxies
Course Code: PHYS 1130 18
Academic Term: Winter
Class Timetable: Asynchronous Online
Course Unit Value: 0.50

Start Date: 1/11/2021
End Date: 4/27/2021

Qualifications:
Candidates are expected to hold at least a Master's degree in

Astronomy,
Astrophysics, or closely related field. Relevant teaching experience
at
the University level is required.

Candidates must also have experience using the Blackboard
Collaborate
virtual classroom. Candidates must be willing to participate in
additional
training in the optimum range of teaching operations in the
Moodle LMS and
in the Collaborate virtual classroom, if necessary, to reach the
required
level of competency before the course begins. Candidates must
also be
sensitive to the needs of distant, mature and part-time learners.

Duties: Preparation, teaching, student consultation, grading and
marking,
distribution of student evaluation questionnaires, involvement in
student
appeals, and other duties appropriate to the
appointment.

Additional Duties:

This is a coordinated course with a laboratory component. The
laboratory
components are taught by the laboratory instructor. Instructors
are
required to follow the course syllabus and guidelines for
assignments,
midterm and final exams, and grades.

Due to distance, the mailing of materials may extend beyond the
traditional time frames of the course.

Remuneration: Remuneration is in accordance with the Collective
Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 10/28/2020

Department/Faculty: Chemistry/Physics
Course Name: General Physics I
Course Code: PHYS 1101.01
Academic Term: Fall
Class Timetable: TTH 10:30AM – 11:45AM
Course Unit Value: 0.5

Start Date: 9/9/2020
End Date: 12/19/2020

Qualifications:
Candidates should have satisfactory experience in teaching introductory Physics to non-Physics majors at the University level and a PhD or Masters degree in Physics or a related field.

Candidates must also have experience using the Blackboard Collaborate virtual classroom. Candidates must be willing to participate in additional training in the optimum range of teaching operations in the Moodle LMS and in the Collaborate virtual classroom, if necessary, to reach the required

level of competency before the course begins. Candidates must also be sensitive to the needs of distant, mature and part-time learners.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

This is a coordinated course with a laboratory component. The laboratory components are taught by the laboratory instructor. Instructors are required to follow the course syllabus and guidelines for assignments, midterm and final exams, and grades.

Due to distance, the mailing of materials may extend beyond the traditional time frames of the course.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 7/23/2020

Department/Faculty: Chemistry/Physics

Course Name: Lab – General Physics I

Course Code: PHYS 101L LA

Academic Term: Fall

Class Timetable: F 01:30PM – 04:15PM

Course Unit Value: 0.25

Start Date: 9/9/2020

End Date: 12/19/2020

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Experience with teaching online, and with Moodle/Collaborate Ultra would be an asset.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Monitoring student lab work in a weekly synchronous online learning environment. Being available for consultation via email and Collaborate.

Evaluating lab reports submitted online.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum

vitae and
the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 7/23/2020

Department/Faculty: Chemistry/Physics

Course Name: Intro Astronomy I: Sky & Planets

Course Code: PHYS 1120 18

Academic Term: Fall

Class Timetable: Asynchronous Online

Course Unit Value: 0.5

Start Date: 9/9/2020

End Date: 12/19/2020

Qualifications:

Candidates should have satisfactory experience in teaching Astronomy to non-science majors at the University level and a PhD or MSc degree in physics or a related field.

Candidates must also have experience using the Blackboard Collaborate virtual classroom. Candidates must be willing to participate in additional training in the optimum range of teaching operations in the Moodle LMS and in the Collaborate virtual classroom, if necessary, to reach the required level of competency before the course begins. Candidates must also be sensitive to the needs of distant, mature and part-time learners.

Duties: Preparation, teaching, student consultation, grading and marking,
distribution of student evaluation questionnaires, involvement in student
appeals, and other duties appropriate to the
appointment. _____

Additional Duties:

The candidate will assist with writing and proctoring exams.

Due to distance, the mailing of materials may extend beyond the
traditional time frames of the course.

Remuneration: Remuneration is in accordance with the Collective
Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum
vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 7/23/2020



PHYS 3410 Lecture

Electromagnetism

Department of Astronomy and Physics, Faculty of Science, Saint
Mary's University. Fall Session (9 Sep – 9 Dec 2020, Exam period:
12 Dec – 22 Dec 2020)

Lectures Monday and Wednesday 5:30 – 6:45 (if synchronous*)

Academic Calendar Description:

This course is a comprehensive introduction to the mathematical theory of electric and magnetic fields. Topics include electric field and potential, Gauss' law, capacitance, Ampere's law, the Law of Biot and Savart, and magnetization of matter.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Fall courses will be delivered remotely, and that asynchronous delivery may be preferred.

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: chair@ap.smu.ca Application Deadline: 29 July 2020

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.

Course: **ASTR 1000.1 A LECTURE**

The Sky & Planets

Department: Department of Astronomy and Physics

Semester: Fall Session (9 Sep – 9 Dec 2020, Exam period: 12 Dec – 22 Dec 2020)

Schedule: LECTURES: **Monday and Wednesday** 5:30 – 6:45 (if synchronous*)

Academic Calendar Description:

This course provides an introduction to the Solar System for non-science students with little background in science and mathematics. Topics include: the celestial sphere and the night sky, locating astronomical objects, motions and phases of the moon, timekeeping and the calendar, history of astronomy, eclipses, telescopes and instruments, planets, asteroids, and comets. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory.

Classes 3 hrs. and lab/telescope observing 1 hr. per week

Qualifications:

Applicants must possess at least an M.Sc. in Astronomy or related field. Preferred applicant will have demonstrated experience in

teaching astronomy at the university level. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; evaluation of all student assessments; and course-related student advising. * Note that Fall courses will be delivered remotely, and that asynchronous delivery may be preferred.

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:
chair@ap.smu.ca

Application Deadline: 10 July 2020

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.

Course: **ASTR 1000.1 B LECTURE**

The Sky & Planets

Department: Department of Astronomy and Physics

Semester: Fall Session (9 Sep – 9 Dec 2020, Exam period: 12 Dec – 22 Dec 2020)

Schedule: LECTURES: **Tuesday and Thursday** 2:30 – 3:45 (if synchronous*)

Academic Calendar Description:

This course provides an introduction to the Solar System for non-science students with little background in science and mathematics. Topics include: the celestial sphere and the night sky, locating astronomical objects, motions and phases of the moon, timekeeping and the calendar, history of astronomy, eclipses, telescopes and instruments, planets, asteroids, and comets. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory.

Classes 3 hrs. and lab/telescope observing 1 hr. per week

Qualifications:

Applicants must possess at least an M.Sc. in Astronomy or related field. Preferred applicant will have demonstrated experience in teaching astronomy at the university level. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; evaluation of all student assessments; and course-related student advising. *Note that Fall courses will be delivered remotely, and that asynchronous delivery may be preferred.

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: chair@ap.smu.ca

Application Deadline: 10 July 2020

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Course: ASTR 1010.1 WX WEB COURSE

Life in the Universe

Department: Department of Astronomy and Physics

Semester: Fall Session (9 Sep – 9 Dec 2020, Exam period: 12 Dec – 22 Dec 2020)

Schedule: Lectures **Web course**

Academic Calendar Description:

What are the astronomical, biological, and sociological perspectives on extraterrestrials? Students examine the different types of worlds in our universe; the diversity of life-forms already discovered in extreme environments here on Earth; and the search for biological and intelligent life on other worlds within and outside our own solar system.

Additional Details:

There are two sections of this course (WW and WX). Each section is posted separately.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level, and must have previously taught ASTR 1010 as a web course. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

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: chair@ap.smu.ca

Application Deadline: 10 July 2020

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Course: **ASTR 1010.3 WW** **WEB COURSE**

Life in the Universe

Department: Department of Astronomy and Physics

Semester: Fall Session (9 Sep – 9 Dec 2020, Exam period: 12 Dec – 22 Dec 2020)

Schedule: Lectures **Web course**

Academic Calendar Description:

What are the astronomical, biological, and sociological perspectives on extraterrestrials? Students examine the different types of worlds in our universe; the diversity of life-forms already discovered in extreme environments here on Earth; and the search for biological and intelligent life on other worlds within and outside our own solar system.

Additional Details:

There are two sections of this course (WW and WX). Each section is posted separately.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level, and must have previously taught ASTR 1010 as a web course. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

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: chair@ap.smu.ca

Application Deadline: 10 July 2020

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.

Course: PHYS 3300 Lecture

Classical Mechanics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall Session (9 Sep – 9 Dec 2020, Exam period: 12 Dec – 22 Dec 2020)

Schedule: Lectures Monday and Wednesday 11:30 – 12:45
(if synchronous*)

Academic Calendar Description:

This advanced course in Classical Mechanics introduces the student to the calculus of variations, constrained problems, and generalised Lagrangian and Hamiltonian dynamics. Applications are made to oscillations, the "brachistochrone problem", central force problems,

rigid bodies, and the motion of tops. Additional topics include relativistic mechanics, canonical perturbation theory, and chaos. Classes 2.5 hrs. per week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Fall courses will be delivered remotely, and that asynchronous delivery may be preferred.

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: chair@ap.smu.ca

Application Deadline: 10 July 2020

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.

Course: PHYS 1190 Lecture

Fundamental Physics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall Session (9 Sep – 9 Dec 2020, Exam period: 12 Dec – 22 Dec 2020)

Schedule: Lectures Monday and Wednesday 8:30 – 9:45 (if synchronous*)

Academic Calendar Description:

The intent of this course is to develop fundamental skills, tools, and conceptual understanding in physics, with a focus on topics/skills that are essential for subsequent study of physics. Students study motion and dynamics of objects in one and two dimensions, including discussions of projectiles, friction, circular motion and dynamics, and collisions including conservation of momentum and energy.

Classes 2.5 hrs. per week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level with special focus on research-based

pedagogy, especially at the first-year level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Fall courses will be delivered remotely, and that asynchronous delivery may be preferred.

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:
chair@ap.smu.ca

Application Deadline: 10 July 2020

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given to Canadian citizens and permanent residents of Canada.

Course: **PHYS 1210L A Lab**

University Physics I Lab

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall Session (9 Sep – 9 Dec 2020)

Schedule: Lab Monday 2:30 – 5:30 (if synchronous*)

Academic Calendar Description:

This calculus-based physics course is intended primarily for (astro) physics and chemistry majors and engineers. Topics include kinematics, Newton's laws of motion, conservation of energy and momentum, rotational dynamics, and Newton's law of gravitation. Emphasis is placed on problem solving skills. Labs: 3 hrs/week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Fall courses will be delivered remotely, and that asynchronous delivery may be preferred.

Remuneration:

Remuneration is in accordance with the Collective Agreement between Saint Mary's University and CUPE 3912. Lab section weight: 0.25 FCE.

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: chair@ap.smu.ca

Application Deadline: 10 July 2020

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.

Course: **PHYS 1210L B Lab**

University Physics I Lab

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall Session (9 Sep – 9 Dec 2020)

Schedule: Lab Tuesday 2:30 – 5:30 (if synchronous*)

Academic Calendar Description:

This calculus-based physics course is intended primarily for (astro) physics and chemistry majors and engineers. Topics include kinematics, Newton's laws of motion, conservation of energy and momentum, rotational dynamics, and Newton's law of gravitation. Emphasis is placed on problem solving skills. Labs: 3 hrs/week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Fall courses will be delivered remotely, and that asynchronous delivery may be preferred.

Remuneration:

Remuneration is in accordance with the Collective Agreement between Saint Mary's University and CUPE 3912. Lab section weight: 0.25 FCE.

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: chair@ap.smu.ca

Application Deadline: 10 July 2020

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Course: PHYS 1210L C Lab

University Physics I Lab

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall Session (9 Sep – 9 Dec 2020)

Schedule: Lab Wednesday 2:30 – 5:30 (if synchronous*)

Academic Calendar Description:

This calculus-based physics course is intended primarily for (astro) physics and chemistry majors and engineers. Topics include kinematics, Newton's laws of motion, conservation of energy and momentum, rotational dynamics, and Newton's law of gravitation. Emphasis is placed on problem solving skills. Labs: 3 hrs/week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Fall courses will be delivered remotely, and that asynchronous delivery may be preferred.

Remuneration:

Remuneration is in accordance with the Collective Agreement between Saint Mary's University and CUPE 3912. Lab section weight: 0.25 FCE.

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:
chair@ap.smu.ca

Application Deadline: 10 July 2020

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.

Course: **PHYS 1210L D Lab**

University Physics I Lab

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall Session (9 Sep – 9 Dec 2020)

Schedule: Lab Thursday 2:30 – 5:30 (if synchronous*)

Academic Calendar Description:

This calculus-based physics course is intended primarily for (astro) physics and chemistry majors and engineers. Topics include kinematics, Newton's laws of motion, conservation of energy and momentum, rotational dynamics, and Newton's law of gravitation. Emphasis is placed on problem solving skills. Labs: 3 hrs/week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field. *Experience with preparing and delivering remote-mode courses will be considered an asset.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments. *Note that Fall courses will be delivered remotely, and that asynchronous delivery may be preferred.

Remuneration:

Remuneration is in accordance with the Collective Agreement between Saint Mary's University and CUPE 3912. Lab section weight: 0.25 FCE.

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: chair@ap.smu.ca

Application Deadline: 10 July 2020

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Department/Faculty: Chemistry/Physics

Course Name: Introduction to Astronomy I: The Sky and Planets

Course Code: PHYS 1120 18

Academic Term: Summer Session II

Class Timetable: Asynchronous

Course Unit Value: 0.5

Start Date: 7/6/2020

End Date: 8/21/2020

Qualifications:

Candidates should have satisfactory experience in teaching Astronomy to non-science majors at the University level and a PhD or MSc degree in physics or a related field.

Candidates must also have experience using the Blackboard Collaborate virtual classroom. Candidates must be willing to participate in additional training in the optimum range of teaching operations in the Moodle LMS and in the Collaborate virtual classroom, if necessary, to reach the required level of competency before the course begins. Candidates must also be sensitive to the needs of distant, mature, and part-time learners.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

The candidate will assist with writing and proctoring exams on campus.

Due to distance, the mailing of materials may extend beyond the traditional time frames of the course.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 5/20/2020



Course: PHYS 1190 Lecture
Fundamental Physics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Summer 2020 (July 6 – August 17); Final exam period: August 20-22

Schedule: Lectures TR 9:30 – 12:30

Academic Calendar Description:

The intent of this course is to develop fundamental skills, tools, and conceptual understanding in physics, with a focus on topics/skills that are essential for subsequent study of physics. Students study motion and dynamics of objects in one and two dimensions, including discussions of projectiles, friction, circular motion and dynamics, and collisions including conservation of momentum and energy.

Classes 3 hrs. per week.

Qualifications:

Preferred applicant will have demonstrated experience in

teaching physics at the university level with special focus on research-based pedagogy, especially at the first-year level. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

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: chair@ap.smu.ca.

Application Deadline: May 22, 2020

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, Indigenous people, and people with disabilities. Preference will be given to Canadian citizens and permanent residents of Canada.



CUPE 3912 Job Posting for Part-Time Instru

Course: **ASTR 1000.3 LECTURE**
 The Sky & Planets

Department: Department of Astronomy and Physics

Semester: Summer I Session (11 May – 27 June 2020)

Schedule: LECTURES: **Tuesday and Thursday** 5:30 – 8:30

Academic Calendar Description:

This course provides an introduction to the Solar System for non-science science and mathematics. Topics include: the celestial sphere and the night motions and phases of the moon, timekeeping and the calendar, history of instruments, planets, asteroids, and comets. Homework consists of assignments that require the use of the Burke-Gaffney Observatory.

Classes 3 hrs. and lab/telescope observing 1 hr. per week

Qualifications:

Applicants must possess at least an M.Sc. in Astronomy or related field and demonstrated experience in teaching astronomy at the university level.

Duties:

Duties and responsibilities include course/lecture preparation and delivery of materials; evaluation of all student assessments; and course-related student support.

Remuneration:

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

How to Apply:

[Download \(PDF, 833KB\)](#)



Department/Faculty: Chemistry/Physics
 Course Name: LAB – PHYS 1102 General Physics II

Course Code: PHYS 102L LB
Academic Term: Winter
Class Timetable: M 1:30 – 4:15 PM
Course Unit Value: 0.25

Start Date: 1/6/2020
End Date: 4/29/2020

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (PHYS 1102) to facilitate coordination.
Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 12/16/2019

CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1001.2 A LECTURE

Star & Galaxies

Department: Department of Astronomy and Physics

Semester: Fall Session (08 January – 22 April 2020)

Schedule: LECTURES: Monday and Wednesday 1:00 – 2:15

Academic Calendar Description:

This course is an introduction to astronomy beyond the Solar System for non-science students with little background in science and mathematics. Topics include: the Sun as a star, stars and star clusters, stellar evolution, nebulae, the Milky Way, galaxies and galaxy clusters, quasars, active galaxies, cosmology. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory.

Classes 3 hrs. and lab/telescope observing 1 hr. per week

Qualifications:

Applicants must possess at least an M.Sc. in Astronomy or related field. Preferred applicant will have demonstrated experience in teaching astronomy at the university level.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; evaluation of all student assessments; and course-related student advising.

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: chair@ap.smu.ca

Application Deadline: 18 November 2019

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1001.2 B LECTURE

Star & Galaxies

Department: Department of Astronomy and Physics

Semester: Fall Session (08 January – 22 April 2020)

Schedule: LECTURES: Tuesday and Thursday 1:00 – 2:15

Academic Calendar Description:

This course is an introduction to astronomy beyond the Solar System for non-science students with little background in science and mathematics. Topics include: the Sun as a star, stars and star clusters, stellar evolution, nebulae, the Milky Way, galaxies and galaxy clusters, quasars, active galaxies, cosmology. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory.

Classes 3 hrs. and lab/telescope observing 1 hr. per week

Qualifications:

Applicants must possess at least an M.Sc. in Astronomy or related

field. Preferred applicant will have demonstrated experience in teaching astronomy at the university level.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; evaluation of all student assessments; and course-related student advising.

Remuneration:

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

How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1010.2WW WEB COURSE

Life in the Universe

Department: Department of Astronomy and Physics

Semester: Fall Session (08 January – 22 April 2020)

Schedule: Lectures Web course

Academic Calendar Description:

What are the astronomical, biological, and sociological perspectives on extraterrestrials? Students examine the different types of worlds in our universe; the diversity of life-forms already discovered in extreme environments here on Earth; and the search for biological and intelligent life on other worlds within and outside our own solar system.

Additional Details:

There are two sections of this course (WW and WX). Each section is posted separately.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level, and must have previously taught ASTR 1010 as a web course. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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

How to Apply:

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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: chair@ap.smu.ca

Application Deadline: 18 November 2019

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1010.2WX WEB COURSE

Life in the Universe

Department: Department of Astronomy and Physics

Semester: Fall session (08 January – 22 April 2020)

Schedule: Lectures Web course

Academic Calendar Description:

What are the astronomical, biological, and sociological perspectives on extraterrestrials? Students examine the different types of worlds in our universe; the diversity of life-forms already discovered in extreme environments here on Earth; and the search for biological and intelligent life on other worlds within and outside our own solar system.

Additional Details:

There are two sections of this course (WW and WX). Each section is posted separately.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level, and must have previously taught

ASTR 1010 as a web course. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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

How to Apply:

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Application Deadline: 18 November 2019

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 2400.2 LECTURE

Physics of Stars

Department: Department of Astronomy and Physics
Semester: Fall Session (08 January – 22 April 2020)
Schedule: LECTURES: Tuesdays and Thursdays 10:00 – 11:15

Academic Calendar Description:

One of the major scientific achievements of the 20th Century was the quantitative understanding of stars. This course reviews these advances including the use of binary stars to determine stellar properties, spectral classification and the Boltzmann and Saha equations, radiative transfer and stellar atmospheres, the equations of stellar structure, and the interiors of hydrogen burning stars such as the Sun.

Qualifications:

Applicants must possess at least an M.Sc. in Astronomy or related field. Preferred applicant will have demonstrated experience in teaching astronomy at the university level.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; evaluation of all student assessments; and course-related student advising.

Remuneration:

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

How to Apply:

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Submissions are made as a single PDF file sent directly via email

to: chair@ap.smu.ca

Application Deadline: 18 November 2019

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 1210.2 LECTURE

University Physics I

Department: Department of Astronomy and Physics

Semester: Fall Session (08 January – 22 April 2020)

Schedule: LECTURES: Monday and Wednesday 8:30 – 9:45

Academic Calendar Description:

This calculus-based physics course is intended primarily for (astro) physics and chemistry majors and engineers. Topics include kinematics, Newton's laws of motion, conservation of energy and momentum, rotational dynamics, and Newton's law of gravitation. Emphasis is placed on problem solving skills.

Classes 3 hrs. and lab/tutorial 3 hrs. per week

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

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: chair@ap.smu.ca

Application Deadline: 18 November 2019

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Department/Faculty: Chemistry/Physics

Course Name: Experimental Methods

Course Code: PHYS 2260 01

Academic Term: Winter

Class Timetable: T 1:30 – 4:15 PM

Course Unit Value: 0.5

Start Date: 1/6/2020

End Date: 4/29/2020

Qualifications:

Candidates should have satisfactory experience teaching Physics courses at

the University level that involve an experimental component and a PhD or Masters degree in Physics or a related field.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

The successful candidate will be expected to set up weekly experiments outside of class time and to design some experiments for use in the class.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 10/25/2019

Department/Faculty: Chemistry/Physics

Course Name: Intermediary Metabolism

Course Code: CHEM/BIOL 3502 01

Academic Term: Winter

Class Timetable: MW 12:00 – 1:15 PM

Course Unit Value: 0.5

Start Date: 1/6/2020

End Date: 4/29/2020

Qualifications:

Candidates should have satisfactory experience in teaching Chemistry in the appropriate field at the University level. A PhD degree in Chemistry preferred.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Consultation with CHEM 352L lab instructor to facilitate coordination between lecture and lab.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 10/25/2019

Part-Time Academic Posting - Physics & Atmospheric

Science/Faculty of Science

Posted by Physics & Atmospheric Science/Faculty of Science on
October 2, 2019 in Job Postings
PART-TIME ACADEMIC POSTING

POSTING DATE: October 2, 2019

APPLICATION DEADLINE: October 12, 2019

POSITIONS: Part-time Academic required to teach the following
course during the 2019-2020 academic year

DEPARTMENT/LOCATION: Department of Physics & Atmospheric
Science, Sir James Dunn Building

PAY RATE: As per CUPE, Local 3912 Collective Agreement

WORK ASSIGNMENT:

Winter Term 2019-2020 (January 1, 2020 to April 30, 2020)

PHYC 2310 Energy & The Environment

Duties include full responsibility for teaching. Reasonable office
hours should be available to students. All positions report to the
Chair of the Department of Physics & Atmospheric Science.

REQUIREMENTS OF POSITIONS:

Candidates must have an advanced degree in Physics (MSc or
PhD), and must have critical thinking skills and relevant teaching
experience at the university level. Excellent computing,
organizational, and written communication skills are required.

Please apply in writing (by email – with a current CV and three
references), by the deadline, to: Heather.Ann.Jennex@Dal.Ca

All offers of employment as a part-time academic are conditional

upon sufficient student enrolment in the course and approval by the University.

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The University encourages applications from Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all candidates who would contribute to the diversity of our community.

We would like to thank all applicants for their interest; however, only those selected for follow-up will be contacted.

Saint Mary's University
CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 2410 LECTURE
Electricity and Magnetism
Department: Department of Astronomy and Physics
Semester: Fall Session (04 September – 19 December 2019)
Schedule: LECTURES: Monday and Wednesday 11:30 – 12:45

Academic Calendar Description:

This course is a comprehensive introduction to concepts of electricity and magnetism. Topics include electric fields and potentials, motion of charged particles in electric and magnetic fields, elementary circuit analysis, EM induction, capacitors and inductors.

Qualifications:

Applicants must possess at least an M.Sc. in Physics or related field. Preferred applicant will have demonstrated experience in teaching physics at the university level.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; incorporation of interactive engagement techniques during course delivery; preparation of assessment materials; evaluation of all student assessments; and course-related advising of students during office hours.

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: chair@ap.smu.ca

Application Deadline: Aug 5, 2019

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Department/Faculty: Chemistry/Physics

Course Name: General Physics II

Course Code: PHYS 1102 01

Academic Term: Winter

Class Timetable: TTh 10:30 – 11:45 AM

Course Unit Value: 0.5 unit

Start Date: 1/6/2020

End Date: 4/29/2020

Qualifications:

Candidates should have satisfactory experience in teaching introductory

Physics to non-Physics majors at the University level and a PhD or Masters

degree in Physics or a related field.

Duties: Preparation, teaching, student consultation, grading and marking,

distribution of student evaluation questionnaires,

involvement in student

appeals, and other duties appropriate to the

appointment.

Additional Duties:

Consultation with PHYS 102L lab instructor(s) to facilitate coordination

between lecture and lab.

Remuneration: Remuneration is in accordance with the

Collective Agreement

between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 8/6/2019



Department/Faculty: Chemistry/Physics

Course Name: General Physics I

Course Code: PHYS 1101 01

Academic Term: Fall

Class Timetable: TTh 10:30 – 11:45 AM

Course Unit Value: 0.5 unit

Start Date: 9/4/2019

End Date: 12/19/2019

Qualifications:

Candidates should have satisfactory experience in teaching introductory

Physics to non-Physics majors at the University level and a PhD or Masters degree in Physics or a related field.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Consultation with PHYS 101L lab instructor(s) to facilitate coordination between lecture and lab.

Remuneration: Remuneration is in accordance with the Collective Agreement

between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 7/16/2019

Saint Mary's University

Astronomy & PhysicsCUPE 3912 Job Posting for Part-Time

InstructorCourse: ASTR 1000 A LECTURE

The Sky & Planets

Department: Department of Astronomy and Physics

Semester: Fall Session (04 September – 19 December 2019)

Schedule: LECTURES: Monday and Wednesday 17:30 –

18:45Academic Calendar Description:

This course provides an introduction to the Solar System for non-science students with little background in science and mathematics. Topics include: the celestial sphere and the night sky, locating astronomical objects, motions and phases of the moon, timekeeping and the calendar, history of astronomy, eclipses, telescopes and instruments, planets, asteroids, and comets. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory.

Classes 3 hrs. and lab/telescope observing 1 hr. per weekQualifications:

Applicants must possess at least an M.Sc. in Astronomy or related field. Preferred applicant will have demonstrated experience in teaching astronomy at the university level.Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; evaluation of all student assessments; and course-related student advising.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: chair@ap.smu.ca Application Deadline: July 5, 2019 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. CUPE 3912 Job Posting for Part-Time Instructor Course: ASTR 1000 B LECTURE

The Sky & Planets

Department: Department of Astronomy and Physics

Semester: Fall Session (04 September – 19 December 2019)

Schedule: LECTURES: Tuesday and Thursday 14:30 –

15:45 Academic Calendar Description:

This course provides an introduction to the Solar System for non-science students with little background in science and mathematics. Topics include: the celestial sphere and the night sky, locating astronomical objects, motions and phases of the moon, timekeeping and the calendar, history of astronomy, eclipses, telescopes and instruments, planets, asteroids, and comets. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory.

Classes 3 hrs. and lab/telescope observing 1 hr. per week Qualifications:

Applicants must possess at least an M.Sc. in Astronomy or related field. Preferred applicant will have demonstrated experience in teaching astronomy at the university level. Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; evaluation of all student assessments; and course-related student advising. Remuneration:

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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. CUPE 3912 Job Posting for Part-Time Instructor Course:

ASTR 1010.1WW WEB COURSE

Life in the Universe

Department: Department of Astronomy and Physics

Semester: Fall Session (04 September – 19 December 2019)

Schedule: Lectures Web course

Academic Calendar Description:

What are the astronomical, biological, and sociological perspectives on extraterrestrials? Students examine the different types of worlds in our universe; the diversity of life-forms already discovered in extreme environments here on Earth; and the search for biological and intelligent life on other worlds within and outside our own solar system.

Additional Details:

There are two sections of this course (WW and WX). Each section is posted separately.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level, and must have previously taught ASTR 1010 as a web course. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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Application Deadline: July 5, 2019

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Preference will be given to Canadian citizens and permanent

residents of Canada.

CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1010.1WX WEB COURSE

Life in the Universe

Department: Department of Astronomy and Physics

Semester: Fall session (04 September – 19 December 2019)

Schedule: Lectures Web course

Academic Calendar Description:

What are the astronomical, biological, and sociological perspectives on extraterrestrials? Students examine the different types of worlds in our universe; the diversity of life-forms already discovered in extreme environments here on Earth; and the search for biological and intelligent life on other worlds within and outside our own solar system.

Additional Details:

There are two sections of this course (WW and WX). Each section is posted separately.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level, and must have previously taught ASTR 1010 as a web course. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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Application Deadline: July 5, 2019

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 1190 LECTURE

Fundamentals of Physics

Department: Department of Astronomy and Physics

Semester: Fall Session (04 September – 19 December 2019)

Schedule: LECTURES: Tuesdays and Thursdays 18:00 – 19:15

Academic Calendar Description:

The intent of this course is to develop fundamental skills, tools, and conceptual understanding in physics, with a focus on topics/skills that are essential for subsequent study of physics. Students study motion and dynamics of objects in one and two dimensions, including discussions of friction, collisions, circular motion and dynamics, conservation of momentum and energy, and relativity.

Additional Details: The course is intended to provide an introductory level university physics course for students who may be looking for a one-term physics course, but with a primary focus at providing students who either lack high school Grade 12 physics, or feel they are not well prepared following their Grade 12 physics, with a university-level course specifically designed to make the bridge from a Grade 11 physics preparation into a potential successful entry to the regular physics course sequence. The use of pedagogical tools to encourage active engagement of the students with the course material is an expected component of the course.

Qualifications: Applicants must possess an undergraduate degree in Physics, and a Masters degree in either Physics or Education, and have at least three years of experience teaching university level courses or laboratories. A background working with the Nova Scotia high school physics curriculum, a working knowledge of current interactive engagement pedagogical techniques based on Physics Education Research, and experience developing a curriculum for a transition-type introductory physics course, are all preferred assets.

Duties: Duties and responsibilities include course/lecture preparation and delivery; incorporation of interactive engagement techniques during course delivery; preparation of assessment materials; evaluation of all student assessments; and course-related student advising during office hours.

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: chair@ap.smu.ca

Application Deadline: July 5, 2019

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 3410 LECTURE

Electromagnetism

Department: Department of Astronomy and Physics

Semester: Fall Session (04 September – 19 December 2019)

Schedule: LECTURES: Monday and Wednesday 17:30 – 18:45

Academic Calendar Description:

This course is a comprehensive introduction to the mathematical theory of electric and magnetic fields. Topics include electric field and potential, Gauss' law, capacitance, Ampere's law, the Law of Biot and Savart, and magnetization of matter.

Qualifications:

Applicants must possess at least an M.Sc. in Physics or related field. Preferred applicant will have demonstrated experience in teaching physics at the university level.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; incorporation of interactive engagement techniques during course delivery; preparation of assessment materials; evaluation of all student assessments; and course-related advising of students during office hours.

Remuneration:

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How to Apply:

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Mount Saint Vincent University

Department/Faculty: Chemistry/Physics Course Name: Intro

Astronomy II: Stars Course Code: PHYS 1130 01 Academic Term:

Winter Class Timetable: TTh 9:00 – 10:15 am Course Unit Value: 0.5 unit _____ Start Date: 1/6/2020 End

Date: 4/29/2020 _____ Qualifications:

Candidates are expected to hold at least a Master's degree in Astronomy, Astrophysics, or closely related field. Relevant teaching experience at the University level is required.

_____ Duties: Preparation, teaching,

student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

----- Additional Duties:

----- Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

----- How to apply: Send your application accompanied by curriculum vitae and the names of three references to: Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca Application deadline: 6/20/2019

Department/Faculty: Chemistry/Physics Course Name: Environmental Chemistry Course Code: CHEM 2505 18 Academic Term: Winter Class Timetable: M 7:45pm – 8:45pm Course Unit Value: 0.5 unit

----- Start Date: 1/6/2020 End Date: 4/29/2020 -----

----- Qualifications:

Candidates should have satisfactory experience in teaching Chemistry in the appropriate field at the University level, a PhD degree in Chemistry is preferred including experience teaching via distance modes using Collaborate and/or Moodle.

----- Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

----- Additional Duties:

----- Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

----- How to apply: Send your application accompanied by curriculum vitae and the names of three references to: Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca Application deadline: 6/20/2019

----- Department/Faculty:

Chemistry/Physics Course Name: General Chemistry I Course Code: CHEM 1011 02 Academic Term: Fall Class Timetable: MW 12:00 – 1:15

PM Course Unit Value: 0.5 unit -----

Start Date: 9/4/2019 End Date: 12/19/2019

----- Qualifications: Candidates should have satisfactory experience in teaching General Chemistry, and must have attained a PhD in Chemistry.

----- Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

----- Additional Duties: Consultation with Chem 111L lab instructor to facilitate coordination.

----- Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

----- How to apply: Send your application accompanied by curriculum vitae and the names of three references to: Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca Application deadline: 6/21/2019



Department/Faculty: Chemistry/Physics

Course Name: LAB – PHYS 1102 General Physics II

Course Code: PHYS 102L LA

Academic Term: Winter

Class Timetable: F 1:30pm – 4:15pm

Course Unit Value: 0.25 unit

Start Date: 1/6/2020

End Date: 4/29/2020

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking,

distribution of student evaluation questionnaires,
involvement in student
appeals, and other duties appropriate to the
appointment. _____

Additional Duties:

Laboratory set up and clean up, consultation with instructor
of the
lecture portion of the course (PHYS 1102) to facilitate
coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the
Collective Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by
curriculum vitae and
the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/11/2019

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM/PHYS 2301 Chemical
Thermodynamics
Course Code: CHEM/PHYS 231L LB
Academic Term: Fall
Class Timetable: F 1:30pm – 4:15pm
Course Unit Value: 0.25 unit

Start Date: 9/4/2019
End Date: 12/19/2019

Qualifications:

Candidates should have a BSc in Chemistry and experience in chemical thermodynamics lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM/PHYS 2301) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/7/2019

Department/Faculty: Chemistry/Physics
Course Name: LAB – PHYS 1101 General Physics I
Course Code: PHYS 101L LA
Academic Term: Fall
Class Timetable: F 1:30pm – 4:15pm
Course Unit Value: 0.25 unit

Start Date: 9/4/2019

End Date: 12/19/2019

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (PHYS 1101) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 6/7/2019

Department/Faculty: Chemistry/Physics

Course Name: LAB – PHYS 1101 General Physics I

Course Code: PHYS 101L LB
Academic Term: Fall
Class Timetable: T 1:30pm – 4:15pm

Course Unit Value: 0.25 unit

Start Date: 9/4/2019
End Date: 12/19/2019

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (PHYS 1101) to facilitate coordination.
Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/7/2019

Part-Time Academic Postings - Physics & Atmospheric
Science/Faculty of Science

Posted by Physics & Atmospheric Science/Faculty of Science on
March 11, 2019 in Job Postings

POSTING DATE: March 11, 2019

APPLICATION DEADLINE: March 21, 2019

POSITIONS: Part-time Academic(s) required to teach the following
courses during the 2019-2020 academic year

DEPARTMENT/LOCATION: Department of Physics & Atmospheric
Science, Sir James Dunn Building

PAY RATE: As per CUPE, Local 3912 Collective Agreement

WORK ASSIGNMENTS:

Fall Term 2019-2020 (September 1, 2019 to December 31, 2019)

1. PHYC 1190 Introduction to Physics
2. PHYC 4411 Atmospheric Dynamics I
3. PHYC 1451 Astronomy I Stars and Planets
4. PHYC 1600 Understanding Weather

Winter Term 2019-2020 (January 1, 2020 to April 30, 2020)

1. PHYC 1290 Introduction to Physics
2. PHYC 4412 Atmospheric Dynamics II

3. PHYC 1452 Astronomy II Stellar and Galactic Astronomy

4. PHYC 4505 Atmospheric Physics

Duties include full responsibility for teaching. Reasonable office hours should be available to students. All positions report to the Chair of the Department of Physics & Atmospheric Science.

REQUIREMENTS OF POSITIONS:

Candidates must have an advanced degree in Physics (MSc or PhD), and must have critical thinking skills and relevant teaching experience at the university level. Excellent computing, organizational, and written communication skills are required.

Please apply in writing (by email – with a current CV and three references), by the deadline, to: Heather.Ann.Jennex@Dal.Ca

All offers of employment as a part-time academic are conditional upon sufficient student enrolment in the course and approval by the University.

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The University encourages applications from Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all candidates who would contribute to the diversity of our community.

We would like to thank all applicants for their interest; however, only those selected for follow-up will be contacted.

Saint Mary's University
Physics

CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 1211 LABORATORY

University Physics II

Department: Department of Astronomy and Physics

Semester: Summer Session I, (06 May – 21 JUNE 2019)

Schedule: LABORATORY: Tuesdays and Thursdays 13:30 – 16:30

Academic Calendar Description:

This calculus-based physics course is a continuation of PHYS 1210, and covers the topics of oscillations and waves, thermodynamics, and electricity and magnetism.

Additional Details:

LABORATORY only. The Lecture portion of the course is advertised separately.

Qualifications:

Applicants must possess at least an M.Sc. in Physics or related field. Preferred applicant will have demonstrated experience in teaching physics labs at the university level.

Duties:

Duties and responsibilities include instruction of the lab curriculum; organization and supervision of the lab students; preparation and grading of student assessments; managing lab grades; meeting with and supervising student teaching assistants; preparation, delivery and grading of lab exam; and course-related student advising.

Remuneration:

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How to Apply:

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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).

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Application Deadline: March 15, 2019

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 1211 LECTURE

University Physics II

Department: Department of Astronomy and Physics

Semester: Summer Session I, (06 May – 21 JUNE 2019)

Schedule: LECTURES: Tuesdays and Thursdays 09:30 – 12:30

Academic Calendar Description:

This calculus-based physics course is a continuation of PHYS 1210, and covers the topics of oscillations and waves, thermodynamics, and electricity and magnetism.

Additional Details:

LECTURE only. The Laboratory portion of the course is advertised separately.

Qualifications:

Applicants must possess at least an M.Sc. in Physics or related field. Preferred applicant will have demonstrated experience in

teaching physics at the university level.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; evaluation of all student assessments; and course-related student advising.

Remuneration:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1000 LECTURE

The Sky & Planets

Department: Department of Astronomy and Physics

Semester: Summer Session I, (06 May – 21 JUNE 2019)

Schedule: LECTURES: Tuesdays and Thursdays 17:30 – 20:30

Academic Calendar Description:

This course provides an introduction to the Solar System for non-science students with little background in science and mathematics. Topics include: the celestial sphere and the night sky, locating astronomical objects, motions and phases of the moon, timekeeping and the calendar, history of astronomy, eclipses, telescopes and instruments, planets, asteroids, and comets. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory. Classes 3 hrs. and lab/telescope observing 1 hr. per week

Qualifications:

Applicants must possess at least an M.Sc. in Astronomy or related field. Preferred applicant will have demonstrated experience in teaching astronomy at the university level.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; evaluation of all student assessments; and course-related student advising.

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1001 LECTURE

Stars and Galaxies

Department: Department of Astronomy and Physics

Semester: Summer Session I, (06 May – 21 JUNE 2019)

Schedule: LECTURES: Mondays and Wednesdays 17:30 – 20:30

Academic Calendar Description:

This course is an introduction to astronomy beyond the Solar System for non-science students with little background in science and mathematics. Topics include: the Sun as a star, stars and star clusters, stellar evolution, nebulae, the Milky Way, galaxies and galaxy clusters, quasars, active galaxies, cosmology. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory.

Qualifications:

Applicants must possess at least an M.Sc. in Astronomy or related field. Preferred applicant will have demonstrated experience in teaching astronomy at the university level.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; evaluation of all student assessments; and course-related student advising.

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1010.1WW WEB COURSE

Life in the Universe

Department: Department of Astronomy and Physics

Semester: Summer Session I & II (06 May – 21 Aug 2019)

Schedule: Lectures Web course

Academic Calendar Description:

What are the astronomical, biological, and sociological perspectives on extraterrestrials? Students examine the different types of worlds in our universe; the diversity of life-forms already

discovered in extreme environments here on Earth; and the search for biological and intelligent life on other worlds within and outside our own solar system.

Additional Details:

There are two sections of this course (WW and WX). Each section is posted separately.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level, and must have previously taught ASTR 1010 as a web course. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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Course: ASTR 1010.1WX WEB COURSE

Life in the Universe

Department: Department of Astronomy and Physics

Semester: Summer Session I & II (06 May – 21 Aug 2019)

Schedule: Lectures Web course

Academic Calendar Description:

What are the astronomical, biological, and sociological perspectives on extraterrestrials? Students examine the different types of worlds in our universe; the diversity of life-forms already discovered in extreme environments here on Earth; and the search for biological and intelligent life on other worlds within and outside our own solar system.

Additional Details:

There are two sections of this course (WW and WX). Each section is posted separately.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level, and must have previously taught ASTR 1010 as a web course. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1010.2 WW Web course

Life in the Universe

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter 2019 (Jan 8 – Apr 3); Final exam period: Apr 5 -18.

Schedule: Lectures Web course

Academic Calendar Description:

The possibility that life might exist elsewhere in the universe has fascinated human beings ever since our ancestors first gazed into the starry skies. Is life on Earth unique, or could there be other civilisations in the cosmos? This course examines the possibility of extraterrestrial life from astronomical, biological and sociological perspectives. Topics include planets, stars and galaxies, our place in the universe, the origin and evolution of life on Earth, searches for extraterrestrial life, the Anthropic Principle, UFOs, and more.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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Application Deadline: October 23, 2018

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1010.2 WX Web course

Life in the Universe

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter 2019 (Jan 8 – Apr 3); Final exam period: Apr 5 -18.

Schedule: Lectures Web course

Academic Calendar Description:

The possibility that life might exist elsewhere in the universe has fascinated human beings ever since our ancestors first gazed into the starry skies. Is life on Earth unique, or could there be other civilisations in the cosmos? This course examines the possibility of extraterrestrial life from astronomical, biological and sociological perspectives. Topics include planets, stars and galaxies, our place in the universe, the origin and evolution of life on Earth, searches for extraterrestrial life, the Anthropic Principle, UFOs, and more.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1001.2 A Lecture

Stars and Galaxies

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter 2019 (Jan 8 – Apr 3); Final exam period: Apr 5-18.

Schedule: A Lectures MW 13:00 – 14:15

Academic Calendar Description:

This course is an introduction to astronomy beyond the Solar System for non-science students with little background in science and mathematics. Topics include: the Sun as a star, stars and star clusters, stellar evolution, nebulae, the Milky Way, galaxies and

galaxy clusters, quasars, active galaxies, cosmology. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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

How to Apply:

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Submissions are made as a single PDF file sent directly via email to: chair@ap.smu.ca

Application Deadline: October 23, 2018

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1001.2 B Lecture

Stars and Galaxies

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter 2019 (Jan 8 – Apr 3); Final exam period: Apr 5-18.

Schedule: B Lectures TR 13:00 – 14:15

Academic Calendar Description:

This course is an introduction to astronomy beyond the Solar System for non-science students with little background in science and mathematics. Topics include: the Sun as a star, stars and star clusters, stellar evolution, nebulae, the Milky Way, galaxies and galaxy clusters, quasars, active galaxies, cosmology. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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Submissions are made as a single PDF file sent directly via email to: chair@ap.smu.ca

Application Deadline: October 23, 2018

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1100.2 Lecture

Introduction to Astrophysics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter 2019 (Jan 8 – Apr 3); Final exam period: Apr 5 – 18.

Schedule: Lectures MW 13:00 – 14:15

Academic Calendar Description:

This course provides a mathematics-based and physics-based introduction to general and solar system astronomy for science students and astrophysics majors. Topics include: the celestial sphere and the night sky, development of astronomy as a science, orbits planets, time measurement, eclipses, telescopes and astronomical instruments, and the solar system. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory.

Qualifications:

Preferred applicant will have demonstrated experience in teaching

astronomy at the university level. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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

How to Apply:

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Submissions are made as a single PDF file sent directly via email to: chair@ap.smu.ca

Application Deadline: October 23, 2018

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 1210.2 Lecture

University Physics I

Department: Department of Astronomy and Physics, Faculty of

Science, Saint Mary's University.

Semester: Winter 2019 (Jan 8 – Apr 3); Final exam period: Apr 5-18.

Schedule: Lectures MW 8:30 – 9:45

Note: ASTR 1210.2L Lab sections posted separately.

Academic Calendar Description:

This calculus-based physics course is intended primarily for (astro) physics and chemistry majors and engineers. Topics include kinematics, Newton's laws of motion, conservation of energy and momentum, rotational dynamics, and Newton's law of gravitation. Emphasis is placed on problem solving skills.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 1500.2 Lecture

Introduction to Modern Physics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter 2019 (Jan 8 – Apr 3); Final exam period: Apr 5-18.

Schedule: Lectures MW 8:30 – 9:15

Academic Calendar Description:

The special theory of relativity and early ideas in quantum mechanics are introduced. Topics in relativity include departures from Newtonian theory, Lorentz transformations, space and time dilation, the "Twin Paradox", and relativistic dynamics. Topics in quantum mechanics include the quantum theory of light, the Bohr model of the atom, the wave nature of particles and the Schrödinger equation applied to simple one-dimensional problems.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lecture preparation and

delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 2300.2L A Lab

Vibrations, Waves & Optics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter 2019 (Jan 8 – Apr 3); Final exam period: Apr 5-18.

Schedule: Lab W 14:30 – 17:29

Note: PHYS 2300.1L B Lab section posted separately.

Academic Calendar Description:

This course focuses on the production, propagation and manipulation of waves including light. Topics include geometric optics, forced damped oscillators, elasticity and distortion, the wave equation, wave speed and propagation, polarisation, wave packets, interference and diffraction 3-D waves, plane and circular waves and physical optics.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include lab preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 2300.2L B Lab

Vibrations, Waves & Optics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter 2019 (Jan 8 – Apr 3); Final exam period: Apr 5-18.

Schedule: Lab M 14:30 – 17:29

Note: PHYS 2300.1L A Lab section posted separately.

Academic Calendar Description:

This course focuses on the production, propagation and manipulation of waves including light. Topics include geometric optics, forced damped oscillators, elasticity and distortion, the wave equation, wave speed and propagation, polarisation, wave packets, interference and diffraction 3-D waves, plane and circular waves and physical optics.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include lab preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 3210.2 Lecture

Computational Methods in Physics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Winter 2019 (Jan 8 – Apr 3); Final exam period: Apr 5-18.

Schedule: Lectures MW 11:30 – 12:15

Academic Calendar Description:

This course introduces the student to methods of solving mathematically difficult or tedious problems using the computer. After a brief introduction to Unix and Fortran or C, the course

focuses on some of the algorithms most useful to a physicist, including root-finding, spline fitting, Richardson extrapolation, Romberg integration, Runge-Kutta and Monte Carlo methods. Students complete a term project which applies learned algorithms to problems in computational (astro) physics.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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

How to Apply:

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Academic Posting: Physics & Atmospheric Science

Item Description:

PART-TIME ACADEMIC POSTINGS

POSTING DATE: September 13, 2018

APPLICATION DEADLINE: September 23, 2018

POSITION: Part-time Academic required to teach the following courses during the 2018-2019 academic year

DEPARTMENT/LOCATION: Department of Physics & Atmospheric Science, Sir James Dunn Building

PAY RATE: As per CUPE, Local 3912 Collective Agreement

WORK ASSIGNMENT:

Winter Term 2018-2019 (January 1, 2019 to April 30, 2019)

PHYC 2150 Physics Tools: Experiment

Duties include full responsibility for teaching. Reasonable office hours should be available to students. All positions report to the Chair of the Department of Physics & Atmospheric Science.

REQUIREMENTS OF POSITION:

Candidates must have an advanced degree in Physics (MSc or

PhD), and must have critical thinking skills and relevant teaching experience at the university level. Excellent computing, organizational, and written communication skills are required.

Please apply in writing (by email – with a current CV and three references), by the deadline, to: Heather.Ann.Jennex@Dal.Ca

All offers of employment as a part-time academic are conditional upon sufficient student enrolment in the course and approval by the University.

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The University encourages applications from Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all candidates who would contribute to the diversity of our community.

We would like to thank all applicants for their interest; however, only those selected for follow-up will be contacted.



Department/Faculty: Chemistry/Physics
Course Name: General Physics II
Course Code: PHYS 1102 01
Academic Term: Winter
Class Timetable: TTh 10:30am – 11:45am
Course Unit Value: 0.5 unit

Start Date: 1/7/2019
End Date: 4/30/2019

Qualifications:
Candidates should have a minimum of an MSc in Physics or

Astronomy and
previous teaching experience in Physics at university level.

Duties: Preparation, teaching, student consultation, grading
and marking,
distribution of student evaluation questionnaires,
involvement in student
appeals, and other duties appropriate to the
appointment.

Additional Duties:

Consultation with PHYS 102L lab instructor to facilitate
coordination
between lecture and lab.

Remuneration: Remuneration is in accordance with the
Collective Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by
curriculum vitae and
the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 10/3/2018

Saint Mary's University
Astronomy & Physics

CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1000.1A Lecture

The Sky & Planets

Department: Department of Astronomy and Physics, Faculty of

Science, Saint Mary's University.

Semester: Fall 2018 (Sept 5- Dec 3); Final exam period: Dec 5-18.

Schedule: Lectures MW 17:30 – 16:45

Note: ASTR 1000.1B Lecture section is posted separately.

Academic Calendar Description:

This course provides an introduction to the Solar System for non-science students with little background in science and mathematics. Topics include: the celestial sphere and the night sky, locating astronomical objects, motions and phases of the moon, timekeeping and the calendar, history of astronomy, eclipses, telescopes and instruments, planets, asteroids, and comets. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory. Classes 3 hrs. and lab/telescope observing 1 hr. per week

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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

How to Apply:

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Application Deadline: August 15, 2018

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1000.1B Lecture

The Sky & Planets

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2018 (Sep 5 – Dec 3); Final exam period: Dec 5-18.

Schedule: Lectures TR 14:30 – 15:45

Note: ASTR 1000.1A Lecture section is posted separately.

Academic Calendar Description:

This course provides an introduction to the Solar System for non-science students with little background in science and mathematics. Topics include: the celestial sphere and the night sky, locating astronomical objects, motions and phases of the moon, timekeeping and the calendar, history of astronomy, eclipses, telescopes and instruments, planets, asteroids, and comets. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory. Classes 3 hrs. and lab/telescope observing 1 hr. per week

Qualifications:

Preferred applicant will have demonstrated experience in teaching

astronomy at the university level. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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Application Deadline: August 15, 2018

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 2100.1 Lecture

Foundations of Astrophysics

Department: Department of Astronomy and Physics, Faculty of

Science, Saint Mary's University.

Semester: Fall 2018 (Sep 5 – Dec 3); Final exam period: Dec 5-18.

Schedule: Lectures TR 13:30 – 14:15

Academic Calendar Description:

The emphasis of this first course in astrophysics is on directly observable quantities such as the positions and motions of stars and the light they emit. Topics include a review of the celestial sphere, time in astronomy, astronomical catalogues, the two-body problem, dynamics of star clusters, stellar spectra including emission and absorption lines, and the operation of telescopes. Students are assigned observing projects and trained to use the BurkeGaffney Observatory. 3 credit hours; two 75 min lecture/week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 3400.1 Lecture

Interstellat Matter and Stellar Evolution

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2018 (Sep 5 – Dec 3); Final exam period: Dec 5-18.

Schedule: Lectures MW 10:00 – 11:15

Academic Calendar Description:

This course examines the nature of neutral and ionised interstellar clouds and the onset of star formation. Concepts introduced in ASTR 2400 are used to show how the initial mass of a "protostar" largely determines its place on the "main sequence" as a star, its internal structure and energy production, and the nature of its death, whether it be as a white dwarf, neutron star, or a black hole. Classes 3 hrs. per week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of

all student assessments.

Remuneration:

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How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 2400.1 Lecture

Electricity and Magnetism

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2018 (Sep 5 – Dec 3); Final exam period: Dec 5-18.

Schedule: Lectures TR 11:30 – 12:45

Note: PHYS 2400.1L A and B Lab sections are posted separately.

Academic Calendar Description:

This course is a comprehensive introduction to the self-consistent mathematical theory for electric and magnetic fields which was developed during the latter half of the 19th century. Topics include electric field and potential, Gauss' law, capacitance, elementary circuit analysis, Ampère's law, the Biot-Savart law, magnetisation of matter, Faraday's law of inductance, and Maxwell's equations in integral and differential form. Classes 3 hrs. and lab 3 hrs. per week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 2400.1L A Lab

Electricity and Magnetism Lab

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2018 (Sep 5 – Dec 3); Final exam period: Dec 5-18.

Schedule: Lab W 14:30 – 17:29

Note: PHYS 2400 Lecture and PHYS 2400.1L B Lab sections are posted separately.

Academic Calendar Description:

This course is a comprehensive introduction to the self-consistent mathematical theory for electric and magnetic fields which was developed during the latter half of the 19th century. Topics include electric field and potential, Gauss' law, capacitance, elementary circuit analysis, Ampère's law, the Biot-Savart law, magnetisation of matter, Faraday's law of inductance, and Maxwell's equations in integral and differential form. Classes 3 hrs. and lab 3 hrs. per week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lab preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 2400.1L B Lab

Electricity and Magnetism Lab

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2018 (Sep 5 – Dec 3); Final exam period: Dec 5-18.

Schedule: Lab M 14:30 – 17:29

Note: PHYS 2400 Lecture and PHYS 2400.1L A Lab sections are posted separately.

Academic Calendar Description:

This course is a comprehensive introduction to the self-consistent mathematical theory for electric and magnetic fields which was developed during the latter half of the 19th century. Topics include electric field and potential, Gauss' law, capacitance, elementary circuit analysis, Ampère's law, the Biot-Savart law, magnetisation of matter, Faraday's law of inductance, and Maxwell's equations in integral and differential form. Classes 3 hrs. and lab 3 hrs. per week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lab preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 3500.1 Lecture

Quantum Mechanics I

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2018 (Sep 5 – Dec 3); Final exam period: Dec 5-18.

Schedule: Lectures TR 10:00 – 11:15

Academic Calendar Description:

This course builds on the foundations set in PHYS 1500. Topics in this course include the (time-independent) Schrodinger equation, one-dimensional potentials, barriers and tunnelling, the Heisenberg Uncertainty Principle, Dirac notation, expectation values, the three-dimensional Schrodinger equation, single-electron atoms, spin, and identical particles.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

Remuneration:

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How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 3600.0 Experimental Physics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2018 through Winter 2019 terms **

Schedule: T 14:30 – 17:29

**NOTE: This hands-on, experiential-style course is a one-semester teaching load delivered over two semesters, and the class is delivered entirely in the experimental laboratory setting. There is no part of this course advertised in a separate ad.

Academic Calendar Description:

This course provides the student with the necessary skills to be a successful experimental (astro)physicist. Students assemble labs from advanced experimental equipment including computers and other digital devices, perform the experiment possibly over

several weeks, and communicate their results in a scientifically useful fashion. Labs, 3 hrs. per week.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include class preparations and delivery; preparation of assessment materials; and evaluation of all student assessments, and any course-related student advising.

Remuneration:

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How to Apply:

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CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1010.1WW Web Course

Life in the Universe

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2018 (Sept 5 – Dec 3; Final exam period Dec 5-18)

Schedule: Online Lectures

Note: A second section of this Web course section is posted separately as ASTR 1010.1WX

Academic Calendar Course Description:

The possibility that life might exist elsewhere in the universe has fascinated human beings ever since our ancestors first gazed into the starry skies. Is life on Earth unique, or could there be other civilisations in the cosmos? This course examines the possibility of extraterrestrial life from astronomical, biological and sociological perspectives. Topics include planets, stars and galaxies, our place in the universe, the origin and evolution of life on Earth, searches for extraterrestrial life, the Anthropic Principle, UFOs, and more.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level, Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

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: chair@ap.smu.ca

Application Deadline: August 10, 2018

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.

CUPE 3912 Job Posting for Part-Time Instructor

Course: ASTR 1010.1WX Web Course

Life in the Universe

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2018 (Sept 5 – Dec 3; Final exam period Dec 5-18)

Schedule: Online Lectures

Note: A second section of this Web course section is posted separately as ASTR 1010.1WW

Academic Calendar Course Description:

The possibility that life might exist elsewhere in the universe has fascinated human beings ever since our ancestors first gazed into the starry skies. Is life on Earth unique, or could there be other civilisations in the cosmos? This course examines the possibility of

extraterrestrial life from astronomical, biological and sociological perspectives. Topics include planets, stars and galaxies, our place in the universe, the origin and evolution of life on Earth, searches for extraterrestrial life, the Anthropic Principle, UFOs, and more.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level, Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

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: chair@ap.smu.ca

Application Deadline: August 10, 2018

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.



Department/Faculty: Chemistry/Physics
Course Name: Intro Astronomy I: Sky & Planet
Course Code: PHYS 1120 01 (2nd posting)
Academic Term: Fall
Class Timetable: TTH 9:00 – 10:15 am
Course Unit Value: 0.5 unit

Start Date: 9/5/2018
End Date: 12/20/2018

Qualifications:

Candidates should have satisfactory experience in teaching Physics in the appropriate field at the University level, a PhD degree in Physics preferred.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by

curriculum vitae and
the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 8/1/2018

Department/Faculty: Chemistry/Physics
Course Name: Intro Astronomy II: Stars
Course Code: PHYS 1130 01 (2nd posting)
Academic Term: Winter
Class Timetable: TTh 9:00 – 10:15 am
Course Unit Value: 0.5 unit

Start Date: 1/7/2019
End Date: 4/30/2019

Qualifications:
Candidates are expected to hold at least a Master's degree
in Astronomy,
Astrophysics, or closely related field. Relevant teaching
experience at
the University level is required.

Duties: Preparation, teaching, student consultation, grading
and marking,
distribution of student evaluation questionnaires,
involvement in student
appeals, and other duties appropriate to the
appointment. —————

Additional Duties:

Remuneration: Remuneration is in accordance with the
Collective Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 8/16/2018

Department of Astronomy and Physics
CUPE 3912 Job Posting for Part-Time Instructor

Course: PHYS 1190.1 Lecture

Fundamentals Physics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2018 (Sept 5 – Dec 3); Final exam period Dec 5-18.

Schedule: Lectures 6:00 – 7:15 pm Tuesday & Thursday

Academic Calendar Description:

The intent of this course is to develop fundamental skills, tools, and conceptual understanding in physics, with a focus on topics/skills that are essential for subsequent study of physics. Students study motion and dynamics of objects in one and two dimensions, including discussions of friction, collisions, circular motion and dynamics, conservation of momentum and energy, and relativity.

Additional Details:

The course is intended to provide an introductory level university physics course for students who may be looking for a one-term physics course, but with a primary focus at providing students who either lack high school Grade 12 physics, or feel they are not well prepared following their Grade 12 physics, with a course

specifically designed to make the bridge from a Grade 11 physics preparation into a potential successful entry to the University Physics course sequence. The use of pedagogical tools to encourage active engagement of the students with the course material is an expected component of the course.

Qualifications:

Preferred applicant will have an undergraduate degree in physics, and a Masters degree in either Physics or Education, and have at least three years experience teaching university level courses or laboratories. A working background in the Nova Scotia high school physics curriculum, a working knowledge of current interactive engagement pedagogical techniques based on Physics Education Research, and experience developing a curriculum for a transition-type introductory physics course, are all preferred assets.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; incorporation of interactive engagement techniques during course delivery; preparation of assessment materials; evaluation of all student assessments; and course-related student advising (office hours).

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: chair@ap.smu.ca Application Deadline: August 6, 2018

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.



Department/Faculty: Chemistry/Physics
Course Name: Laboratory for CHEM 2101 Intro Inorganic Chemistry
Course Code: CHEM 210L LA
Academic Term: Fall
Class Timetable: F 9:00am – 11:45am
Course Unit Value: 0.25 unit

Start Date: 9/5/2018
End Date: 12/20/2018

Qualifications:
Candidates should have a BSc in Chemistry and experience in inorganic lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:
Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM 2101) to facilitate

coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the
Collective Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by
curriculum vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics

Course Name: Laboratory for CHEM 2101 Intro Inorganic
Chemistry

Course Code: CHEM 210L LB

Academic Term: Fall

Class Timetable: F 1:30 – 4:15 pm

Course Unit Value: 0.25 unit

Start Date: 9/5/2018

End Date: 12/20/2018

Qualifications:

Candidates should have a BSc in Chemistry and experience
in inorganic lab
instruction.

Duties: Preparation, teaching, student consultation, grading
and marking,
distribution of student evaluation questionnaires,
involvement in student

appeals, and other duties appropriate to the appointment. _____

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM 2101) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics

Course Name: LAB – CHEM 2401 Organic Chemistry I

Course Code: CHEM 241L LA

Academic Term: Fall

Class Timetable: Th 9:00am – 11:45am

Course Unit Value: 0.25 unit

Start Date: 9/5/2018

End Date: 12/20/2018

Qualifications:

Candidates should have a BSc in Chemistry and experience in Organic lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment. —————

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM 2401) to facilitate coordination.

Ensure university safety guidelines are met.

—————
Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912
—————

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 7/9/2018
—————

—————
Department/Faculty: Chemistry/Physics
Course Name: LAB – PHYS 1101 General Physics I
Course Code: PHYS 101L LA
Academic Term: Fall
Class Timetable: F 1:30pm – 4:15pm
Course Unit Value: 0.25 unit
—————

Start Date: 9/5/2018
End Date: 12/20/2018
—————

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (PHYS 1101) to facilitate coordination.
Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics
Course Name: LAB – PHYS 1101 General Physics I
Course Code: PHYS 101L LB
Academic Term: Fall
Class Timetable: T 1:30pm – 4:15pm

Course Unit Value: 0.25 unit

Start Date: 9/5/2018

End Date: 12/20/2018

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (PHYS 1101) to facilitate coordination.
Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics

Course Name: LAB – CHEM 2401 Organic Chemistry I

Course Code: CHEM 241L LB
Academic Term: Fall
Class Timetable: Th 1:30pm – 4:15pm
Course Unit Value: 0.25 unit

Start Date: 9/5/2018
End Date: 12/20/2018

Qualifications:

Candidates should have a BSc in Chemistry and experience in Organic lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM 2401) to facilitate coordination.
Ensure university safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 7/9/2018

web.administrator@msvu.ca

Jun 1 (3 days ago)

to anne.duguay, brook.taylor, chemphys, me

Department/Faculty: Chemistry/Physics

Course Name: LAB – CHEM 3401 Organic Structure

Determination

Course Code: CHEM 341L LA

Academic Term: Fall

Class Timetable: W 1:30pm – 4:15pm

Course Unit Value: 0.25 unit

Start Date: 9/5/2018

End Date: 12/20/2018

Qualifications:

Candidates should have a BSc in Chemistry and experience in organic lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the

lecture portion of the course (CHEM 3401) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement

between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics

Course Name: LAB – CHEM 2401 Organic Chemistry I

Course Code: CHEM 241L LC

Academic Term: Fall

Class Timetable: F 9:00am – 11:45am

Course Unit Value: 0.25 unit

Start Date: 9/5/2018

End Date: 12/20/2018

Qualifications:

Candidates should have a BSc in Chemistry and experience in Organic lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM 2401) to facilitate coordination.

Ensure university safety guidelines are met.

Remuneration: Remuneration is in accordance with the
Collective Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by
curriculum vitae and
the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics
Course Name: Chemical Concepts
Course Code: CHEM 1005 01
Academic Term: Winter
Class Timetable: MW 12:00 – 1:15 pm
Course Unit Value: 0.5 unit

Start Date: 1/7/2019
End Date: 4/30/2019

Qualifications:
Candidates should have a BSc in Chemistry and a Masters
degree in either
Chemistry or Education.

Duties: Preparation, teaching, student consultation, grading
and marking,
distribution of student evaluation questionnaires,
involvement in student
appeals, and other duties appropriate to the
appointment.

Additional Duties:

Consultation with CHEM 105L lab instructor to facilitate coordination between lecture and lab.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM 1005 Chemical Concepts
Course Code: CHEM 105L LA
Academic Term: Winter
Class Timetable: M 1:30 – 4:15 PM
Course Unit Value: 0.25 unit

Start Date: 1/7/2019
End Date: 4/30/2019

Qualifications:

Candidates should have a BSc in Chemistry and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires,

involvement in student
appeals, and other duties appropriate to the
appointment. _____

Additional Duties:

Laboratory set up and clean up, consultation with instructor
of the
lecture portion of the course (CHEM 1005) to facilitate
coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the
Collective Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by
curriculum vitae and
the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM 3501 Introductory Biochemistry
Course Code: CHEM/BIOL 351L LB
Academic Term: Fall
Class Timetable: T 1:30pm – 4:15pm
Course Unit Value: 0.25 unit

Start Date: 9/5/2018
End Date: 12/20/2018

Qualifications:

Candidates should have a BSc in Chemistry and experience
in biochemistry

lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course(CHEM/BIOLOG 3501) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM 3501 Introductory Biochemistry
Course Code: CHEM/BIOLOG 351L LC
Academic Term: Fall
Class Timetable: T 5:00pm – 7:45pm

Course Unit Value: 0.25 unit

Start Date: 9/5/2018
End Date: 12/20/2018

Qualifications:

Candidates should have a BSc in Chemistry and experience in biochemistry lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course(CHEM/BIOL 3501) to facilitate coordination.
Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics

Course Name: Intro Astronomy I: Sky & Planet

Course Code: PHYS 1120 01

Academic Term: Fall

Class Timetable: TTH 9:00 – 10:15 am

Course Unit Value: 0.5 unit

Start Date: 9/5/2018

End Date: 12/20/2018

Qualifications:

Candidates should have satisfactory experience in teaching Physics in the appropriate field at the University level, a PhD degree in Physics preferred.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM 2402 Organic Chemistry II
Course Code: CHEM 242L LA
Academic Term: Winter
Class Timetable: Th 1:30 – 4:15pm
Course Unit Value: 0.25 unit

Start Date: 1/7/2019
End Date: 4/30/2019

Qualifications:

Candidates should have a BSc in Chemistry and experience in Organic lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM 2402) to facilitate coordination.

Ensure university safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM 3402 Organic Reactions
Course Code: CHEM 342L LA
Academic Term: Winter
Class Timetable: W 1:30pm – 4:15pm
Course Unit Value: 0.25 unit

Start Date: 1/7/2019
End Date: 4/30/2019

Qualifications:

Candidates should have a BSc in Chemistry and experience in Organic lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM 3402) to facilitate coordination.
Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM/BIOLOGICAL 3502 Intermediary Metabolism
Course Code: CHEM/BIOLOGICAL 352L LA
Academic Term: Winter
Class Timetable: M 1:30 – 4:15 PM
Course Unit Value: 0.25 unit

Start Date: 1/7/2019
End Date: 4/30/2019

Qualifications:
Candidates should have a BSc in Chemistry and experience in biochemistry lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:
Laboratory set up and clean up, consultation with instructor of the lecture portion of the course(CHEM/BIOLOGICAL 3502) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the
Collective Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by
curriculum vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics

Course Name: LAB – CHEM/BIOL 3502 Intermediary
Metabolism

Course Code: CHEM/BIOL 352L LB

Academic Term: Winter

Class Timetable: T 1:30pm – 4:15pm

Course Unit Value: 0.25 unit

Start Date: 1/7/2019

End Date: 4/30/2019

Qualifications:

Candidates should have a BSc in Chemistry and experience
in biochemistry
lab instruction.

Duties: Preparation, teaching, student consultation, grading
and marking,
distribution of student evaluation questionnaires,
involvement in student

appeals, and other duties appropriate to the appointment. _____

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course(CHEM/BIOLOGICAL 3502) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics

Course Name: LAB – CHEM/BIOLOGICAL 3502 Intermediary Metabolism

Course Code: CHEM/BIOLOGICAL 352L LC

Academic Term: Winter

Class Timetable: T 5:00pm – 7:45pm

Course Unit Value: 0.25 unit

Start Date: 1/7/2019

End Date: 4/30/2019

Qualifications:

Candidates should have a BSc in Chemistry and experience

in biochemistry
lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course(CHEM/BIOLOGICAL 3502) to facilitate coordination.
Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM/BIOLOGICAL 3502 Intermediary Metabolism
Course Code: CHEM/BIOLOGICAL 352L LD
Academic Term: Winter
Class Timetable: M 5:00 – 7:45 pm

Course Unit Value: 0.25 unit

Start Date: 1/7/2019

End Date: 4/30/2019

Qualifications:

Candidates should have a BSc in Chemistry and experience in biochemistry lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course(CHEM/BIOLOGICAL 3502) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics
Course Name: Environmental Chemistry
Course Code: CHEM 2505 18
Academic Term: Winter
Class Timetable: M 7:45pm – 8:45pm
Course Unit Value: 0.5 unit

Start Date: 1/7/2019

End Date: 4/30/2019

Qualifications:

Candidates should have satisfactory experience in teaching Chemistry in the appropriate field at the University level, a PhD degree in Chemistry is preferred including experience teaching via distance modes using Collaborate and/or Moodle.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics
Course Name: LAB – PHYS 1102 General Physics II
Course Code: PHYS 102L LA
Academic Term: Winter
Class Timetable: F 1:30 – 4:15 pm
Course Unit Value: 0.25 unit

Start Date: 1/7/2019

End Date: 4/30/2019

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (PHYS 1102) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and

the names of three references to:

Department Chair: Dr. Aibing Xia, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Department/Faculty: Chemistry/Physics

Course Name: Intro Astronomy II: Stars

Course Code: PHYS 1130 01

Academic Term: Winter

Class Timetable: TTh 9:00 – 10:15 am

Course Unit Value: 0.5 unit

Start Date: 1/7/2019

End Date: 4/30/2019

Qualifications:

Candidates are expected to hold at least a Master's degree in Astronomy, Astrophysics, or closely related field. Relevant teaching experience at the University level is required.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment. —————

Additional Duties:

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Aibing Xia, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 7/9/2018

Part-Time Academic Postings - Part-Time Academic Postings
Posted by Physics & Atmospheric Science on April 2, 2018 in Job Postings

POSTING DATE: April 2, 2018

APPLICATION DEADLINE: April 12, 2018

POSITIONS: Part-time Academic(s) required to teach the following courses during the 2018-2019 academic year

DEPARTMENT/LOCATION: Department of Physics & Atmospheric Science, Sir James Dunn Building

PAY RATE: As per CUPE, Local 3912 Collective Agreement

WORK ASSIGNMENTS:

Fall Term 2018-2019 (September 1, 2018 to December 31, 2018)

1. PHYC 1190 Introduction to Physics
2. PHYC 1451 Astronomy I Stars and Planets
3. PHYC 1600 Understanding Weather

Winter Term 2018-2019 (January 1, 2019 to April 30, 2019)

1. PHYC 1452 Astronomy II Stellar and Galactic Astronomy
2. PHYC 2150 Physics Tools: Experiment
3. PHYC 4180 Nuclear and Particle Physics
4. PHYC 4505 Atmospheric Physics

Duties include full responsibility for teaching. Reasonable office hours should be available to students. All positions report to the Chair of the Department of Physics & Atmospheric Science.

REQUIREMENTS OF POSITIONS:

Candidates must have an advanced degree in Physics (MSc or PhD), and must have critical thinking skills and relevant teaching experience at the university level. Excellent computing, organizational, and written communication skills are required.

Please apply in writing (by email – with a current CV and three references), by the deadline, to: Heather.Ann.Jennex@Dal.Ca

All offers of employment as a part-time academic are conditional upon sufficient student enrolment in the course and approval by the University.

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The University encourages applications from Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all candidates who would contribute to the diversity of our community.

We would like to thank all applicants for their interest; however, only those selected for follow-up will be contacted.



[Download \(PDF, 2.25MB\)](#)

Saint Mary's University

DEPARTMENT of Astronomy and Physics
CUPE 3912 Job Posting for Part-Time Instructor

PHYS 1210.2 Lecture
University Physics I

Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Winter 2018 (Jan 3 – Apr 4); Final exam period: Apr 6-20.

Lectures MW 8:30 – 9:45

Note: ASTR 1210.2L Lab sections posted separately.

Academic Calendar Description:

This calculus-based physics course is intended primarily for (astro) physics and chemistry majors and engineers. Topics include kinematics, Newton's laws of motion, conservation of energy and momentum, rotational dynamics, and Newton's law of gravitation. Emphasis is placed on problem solving skills.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

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: chair@ap.smu.ca Application Deadline: November 6, 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.

DEPARTMENT of Astronomy and Physics
CUPE 3912 Job Posting for Part-Time Instructor
PHYS 1210.2L A & B Lab

University Physics I

Department of Astronomy and Physics, Faculty of Science, Saint Mary's University. Winter 2018 (Jan 3 – Apr 4); Final exam period: Apr 6 – 20.
Lab A&B TBD

Note: PHYS 1210.2 Lecture section is posted separately.

Academic Calendar Description:

This calculus-based physics course is intended primarily for (astro) physics and chemistry majors and engineers. Topics include kinematics, Newton's laws of motion, conservation of energy and momentum, rotational dynamics, and Newton's law of gravitation. Emphasis is placed on problem solving skills.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an

M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include developing course materials, managing student issues, managing grades, running meetings with instructional and teaching assistants, and preparing and administering lab exams.

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: chair@ap.smu.ca Application Deadline: NOV 6, 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.



DEPARTMENT

CUPE 3912 Job Posting for Part-Time Inst

Course: **ASTR 1001.2 A Lecture**
 Stars and Galaxies

Department: Department of Astronomy and Physics, Faculty of Scien

Semester: Winter 2018 (Jan 3 – Apr 4); Final exam period: Apr 6-20

Schedule: A Lectures MW 13:00 – 14:15

Academic Calendar Description:

This course is an introduction to astronomy beyond the Solar System fo background in science and mathematics. Topics include: the Sun as a st evolution, nebulae, the Milky Way, galaxies and galaxy clusters, qua Homework consists of assignments and labs, some of which require Observatory.

Qualifications:

Preferred applicant will have demonstrated experience in teaching as Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and deli materials; and evaluation of all student assessments.

Remuneration:

Remuneration is in accordance with the Collective Agreement between : 3912

How to Apply:

Applications are invited in the first instance from part-time faculty precedence list. Applicants who currently hold a part-time teachin University should submit a cover letter and a C.V. Applicants who de teaching appointment at Saint Mary's University should submit a compl letter, CV, proof of academic credentials, name and contact informa evidence of teaching effectiveness).

[Download \(PDF, 386KB\)](#)



DEPARTMENT

CUPE 3912 Job Posting for Part-Time Inst

Course: ASTR 1001.2 B Lecture
Stars and Galaxies
Department: Department of Astronomy and Physics, Faculty of Scien
Semester: Winter 2018 (Jan 3 – Apr 4); Final exam period: Apr 6-20
Schedule: B Lectures TR 13:00 – 14:15

Academic Calendar Description:

This course is an introduction to astronomy beyond the Solar System fo background in science and mathematics. Topics include: the Sun as a st evolution, nebulae, the Milky Way, galaxies and galaxy clusters, qua Homework consists of assignments and labs, some of which requir Observatory.

Qualifications:

Preferred applicant will have demonstrated experience in teaching as Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and deli materials; and evaluation of all student assessments.

Remuneration:

Remuneration is in accordance with the Collective Agreement between : 3912

How to Apply:

Applications are invited in the first instance from part-time faculty precedence list. Applicants who currently hold a part-time teachin University should submit a cover letter and a C.V. Applicants who de teaching appointment at Saint Mary's University should submit a compl letter, CV, proof of academic credentials, name and contact informa evidence of teaching effectiveness).

[Download \(PDF, 387KB\)](#)



DEPARTMENT

CUPE 3912 Job Posting for Part-Time Inst

Course: ASTR 1100.2 Lecture
Introduction to Astrophysics
Department: Department of Astronomy and Physics, Faculty of Science
Semester: Winter 2018 (Jan 3 – Apr 4); Final exam period: Apr 6 - 2
Schedule: Lectures MW 13:00 – 14:15

Academic Calendar Description:

This course provides a mathematics-based and physics-based introduction to astronomy for science students and astrophysics majors. Topics include: the night sky, development of astronomy as a science, orbits of planets, time measurement, astronomical instruments, and the solar system. Homework consists of assignments which require the use of the Burke-Gaffney Observatory.

Qualifications:

Preferred applicant will have demonstrated experience in teaching as an instructor. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery of materials; and evaluation of all student assessments.

Remuneration:

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

How to Apply:

Applications are invited in the first instance from part-time faculty on the current 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 teaching appointment at Saint Mary's University should submit a cover letter, CV, proof of academic credentials, name and contact information, and evidence of teaching effectiveness.

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DEPARTMENT

CUPE 3912 Job Posting for Part-Time Inst

Course: PHYS 2400.2 Lecture
Electricity and Magnetism
Department: Department of Astronomy and Physics, Faculty of Science
Semester: Winter 2018 (Jan 3 – Apr 4); Final exam period: Apr 6-20
Schedule: Lectures TR 11:30 – 12:45

Note: ASTR 2400.2L Lab section is posted separately.

Academic Calendar Description:

This course is a comprehensive introduction to the self-consistent math magnetic fields which was developed during the latter half of the 19th century. Topics include electric field and potential, Gauss' law, capacitance, elementary circuit analysis, Faraday's law, magnetisation of matter, Faraday's law of inductance, and Maxwell's differential form.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery of materials; and evaluation of all student assessments.

Remuneration:

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

How to Apply:

Applications are invited in the first instance from part-time faculty on the 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 have a teaching appointment at Saint Mary's University should submit a complete application package.

[Download \(PDF, 386KB\)](#)



DEPARTMENT

CUPE 3912 Job Posting for Part-Time Inst

Course: PHYS 2400.2L Lab
Electricity and Magnetism
Department: Department of Astronomy and Physics, Faculty of Science
Semester: Winter 2018 (Jan 3 – Apr 4); Final exam period: Apr 6 - 2
Schedule: Lab W 14:30 – 17:29

Note: PHYS 2400.2 Lecture section is posted separately.

Academic Calendar Description:

This course is a comprehensive introduction to the self-consistent mathematical theory of electric and magnetic fields which was developed during the latter half of the 19th century. Topics include: electric field and potential, Gauss' law, capacitance, elementary circuit analysis, magnetic field, magnetisation of matter, Faraday's law of inductance, and Maxwell's equations in differential form.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery, grading of materials; and evaluation of all student assessments.

Remuneration:

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

How to Apply:

Applications are invited in the first instance from part-time faculty on the part-time faculty precedence list. Applicants who currently hold a part-time teaching position at Saint Mary's University should submit a cover letter and a C.V. Applicants who do not currently hold a teaching appointment at Saint Mary's University should submit a complete application package.

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DEPARTMENT

CUPE 3912 Job Posting for Part-Time Inst

Course: PHYS 3210.2 Lecture
Computational Methods in Physics

Department: Department of Astronomy and Physics, Faculty of Science

Semester: Winter 2018 (Jan 3 – Apr 4); Final exam period: Apr 6-20

Schedule: Lectures MW 11:30 – 12:45

Academic Calendar Description:

This course introduces the student to methods of solving mathematical problems using the computer. After a brief introduction to Unix and Fortran or C, the course covers algorithms most useful to a physicist, including root-finding, spline fitting, Romberg integration, Runge-Kutta and Monte Carlo methods. Students apply learned algorithms to problems in computational (astro) physics.

Qualifications:

Preferred applicant will have demonstrated experience in teaching. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery of materials; and evaluation of all student assessments.

Remuneration:

Remuneration is in accordance with the Collective Agreement between CUPE 3912.

How to Apply:

Applications are invited in the first instance from part-time faculty on the 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 hold a teaching appointment at Saint Mary's University should submit a cover letter, CV, proof of academic credentials, name and contact information, and evidence of teaching effectiveness. Submissions are made as a single PDF file sent directly via email to:

[Download \(PDF, 384KB\)](#)

Part-Time Academic Postings - Department of Physics & Atmospheric Science/Faculty of Science

Posted by Department of Physics & Atmospheric Science/Faculty of Science on October 4, 2017 in Job Postings
PART-TIME ACADEMIC POSTINGS

POSTING DATE: October 4, 2017

APPLICATION DEADLINE: October 14, 2017

POSITIONS: Part-time Academic(s) required to teach the following courses during the 2017-2018 academic year

DEPARTMENT/LOCATION: Department of Physics & Atmospheric Science, Sir James Dunn Building

PAY RATE: As per CUPE, Local 3912 Collective Agreement

WORK ASSIGNMENTS:

Winter Term 2017-2018 (January 1, 2018 to April 30, 2018)

1. PHYC 2150 Physics Tools: Experiment
2. PHYC 3250 Computational Methods in Physics

Duties include full responsibility for teaching. Reasonable office hours should be available to students. All positions report to the Chair of the Department of Physics & Atmospheric Science.

REQUIREMENTS OF POSITIONS:

Candidates must have an advanced degree in Physics (MSc or PhD), and must have critical thinking skills and relevant teaching experience at the university level. Excellent computing, organizational, and written communication skills are required..

Please apply in writing (by email – with a current CV and three references), by the deadline, to: Heather.Ann.Jennex@Dal.Ca

All offers of employment as a part-time academic are conditional upon sufficient student enrolment in the course and approval by the University.

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The University

encourages applications from Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all candidates who would contribute to the diversity of our community.

We would like to thank all applicants for their interest; however, only those selected for follow-up will be contacted.

Saint Mary's University
Department of Astronomy and Physics

CUPE 3912 Job Posting for Part-Time Instructors: Astronomy

Course: ASTR 1000.1A Lecture
The Sky & Planets
Department: Department of Astronomy and Physics, Faculty of
Science, Saint Mary's University.
Semester: Fall 2017 (Sept 6 – Nov 29); Final exam period:
Dec 2-16.
Schedule: Lectures MW 17:30 – 16:45

Course: ASTR 1000.1B Lecture
The Sky & Planets
Department: Department of Astronomy and Physics, Faculty of
Science, Saint Mary's University.
Semester: Fall 2017 (Sept 6 – Nov 29); Final exam period:
Dec 2-16.
Schedule: Lectures TR 14:30 – 15:45

Academic Calendar Description:

This course provides an introduction to the Solar System for non-science students with little background in science and mathematics. Topics include: the celestial sphere and the night sky, locating astronomical objects, motions and phases of the moon, timekeeping and the calendar, history of astronomy,

eclipses, telescopes and instruments, planets, asteroids, and comets. Homework consists of assignments and labs, some of which require the use of the Burke-Gaffney Observatory. Classes 3 hrs. and lab/telescope observing 1 hr. per week

Course: ASTR 1010.1WW Web course
Life in the Universe
Department: Department of Astronomy and Physics, Faculty of
Science, Saint Mary's University.
Semester: Fall 2017 (Sept 6 – Nov 29); Final exam period:
Dec 2-16.
Schedule: Lectures Web course

Course: ASTR 1010.1WX Web course
Life in the Universe
Department: Department of Astronomy and Physics, Faculty of
Science, Saint Mary's University.
Semester: Fall 2017 (Sept 6 – Nov 29); Final exam period:
Dec 2-16.
Schedule: Lectures Web course

Academic Calendar Description:

The possibility that life might exist elsewhere in the universe has fascinated human beings ever since our ancestors first gazed into the starry skies. Is life on Earth unique, or could there be other civilisations in the cosmos? This course examines the possibility of extraterrestrial life from astronomical, biological and sociological perspectives. Topics include planets, stars and galaxies, our place in the universe, the origin and evolution of life on Earth, searches for extraterrestrial life, the Anthropic Principle, UFOs, and more.

Qualifications:

Preferred applicant will have demonstrated experience in teaching astronomy at the university level. Applicants must possess at least an M.Sc. in Astronomy or related field.

Duties:

Duties and responsibilities include course/lecture preparation and

delivery; preparation of assessment materials; and evaluation of all student assessments.

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: chair@ap.smu.ca

Application Deadline: August 23, 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.

CUPE 3912 Job Posting for Part-Time Instructors: Physics

Course: PHYS 2300.1 Lecture

Vibrations, Waves & Optics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2017 (Sept 6 – Nov 29); Final exam period: Dec 2-16.

Schedule: Lectures TR 11:30 – 12:45

Course: PHYS 2300.1L A Lab

Vibrations, Waves & Optics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2017 (Sept 6 – Nov 29); Final exam period: Dec 2-16.

Schedule: Lab W 14:30 – 17:29

Course: PHYS 2300.1L B Lab

Vibrations, Waves & Optics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2017 (Sept 6 – Nov 29); Final exam period: Dec 2-16.

Schedule: Lab M 14:30 – 17:29

Academic Calendar Description:

This course focuses on the production, propagation and manipulation of waves including light. Topics include geometric optics, forced damped oscillators, elasticity and distortion, the wave equation, wave speed and propagation, polarisation, wave packets, interference and diffraction 3-D waves, plane and circular waves and physical optics. Classes 3 hrs. and lab 3 hrs. per week.

Course: PHYS 3500.1 Lecture

Quantum Mechanics I

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2017 (Sept 6 – Nov 29); Final exam period: Dec 2-16.

Schedule: Lectures TR 10:00 – 11:15

Academic Calendar Description:

This course builds on the foundations set in PHYS 1500. Topics in this course include the (time-independent) Schrodinger equation, one-dimensional potentials, barriers and tunnelling, the

Heisenberg Uncertainty Principle, Dirac notation, expectation values, the three-dimensional Schrodinger equation, single-electron atoms, spin, and identical particles.

Qualifications:

Preferred applicant will have demonstrated experience in teaching physics at the university level. Applicants must possess at least an M.Sc. in Physics or related field.

Duties:

Duties and responsibilities include course/lecture preparation and delivery; preparation of assessment materials; and evaluation of all student assessments.

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: chair@ap.smu.ca

Application Deadline: August 23, 2017

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CUPE 3912 Job Posting for Part-Time Instructor: Physics

Course: PHYS 1190.1 Lecture
Fundamentals Physics

Department: Department of Astronomy and Physics, Faculty of Science, Saint Mary's University.

Semester: Fall 2017 (Sept 6 – Nov 29); Final exam period Dec 2-16.

Schedule: Lectures 18:00 – 19:15 pm Tuesday & Thursday

Academic Calendar Description:

The intent of this course is to develop fundamental skills, tools, and conceptual understanding in physics, with a focus on topics/skills that are essential for subsequent study of physics. Students study motion and dynamics of objects in one and two dimensions, including discussions of friction, collisions, circular motion and dynamics, conservation of momentum and energy, and relativity.

Additional Details:

The course is intended to provide an introductory level university physics course for students who may be looking for a one-term physics course, but with a primary focus at providing students who either lack high school Grade 12 physics, or feel they are not well prepared following their Grade 12 physics, with a course specifically designed to make the bridge from a Grade 11 physics preparation into a potential successful entry to the University Physics course sequence. The use of pedagogical tools to encourage active engagement of the students with the course material is an expected component of the course.

Qualifications: Preferred applicant will have an undergraduate degree in physics, and a Masters degree in either Physics or Education, and have at least three years experience teaching university level courses or laboratories. A working background with the NS high school physics curriculum, a working knowledge of current interactive engagement pedagogical methods based on physics education research, and experience developing

curriculum for a transition-introductory physics course, are all preferred assets.

Duties: Duties and responsibilities include course/lecture preparation and delivery; incorporation of interactive student engagement methods; preparation and evaluation of all student assessments.

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: chair@ap.smu.ca

Application Deadline: August 23, 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.



Department/Faculty: Chemistry/Physics

Course Name: Intro Astronomy II: Stars
Course Code: PHYS 1130 01 (2nd posting)
Academic Term: Winter
Class Timetable: TTh 9:00am – 10:15am
Course Unit Value: 0.5 unit

Start Date: 1/3/2018
End Date: 4/25/2018

Qualifications:

Candidates are expected to hold at least a Master's degree in Astronomy, Astrophysics, or closely related field. Relevant teaching experience at the University level is required.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 8/18/2017

Department/Faculty: Chemistry/Physics
Course Name: Intro Astronomy I: Sky & Planet
Course Code: PHYS 1120 01 (2nd Posting)
Academic Term: Fall
Class Timetable: TTh 9:00am – 10:15am
Course Unit Value: 0.5 unit

Start Date: 9/6/2017
End Date: 12/21/2017

Qualifications:

Candidates should have satisfactory experience in teaching Physics in the appropriate field at the University level, a PhD degree in Physics preferred.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 8/3/2017



DEPARTMENT

CUPE 3912 Job Posting for Part-Time Inst

Course: PHYS 1190.1 Lecture
Fundamentals Physics

Department: Department of Astronomy and Physics, Faculty of Science

Semester: Fall 2017 (Sept 6 – Nov 29); Final exam period Dec 2-16.

Schedule: Lectures 18:00 – 19:15 pm Tuesday & Thursday

Academic Calendar Description: *The intent of this course is to develop conceptual understanding in physics, with a focus on topics/skills that are fundamental to physics. Students study motion and dynamics of objects in one and two dimensions, friction, collisions, circular motion and dynamics, conservation of momentum.*

Additional Details: The course is intended to provide an introductory physics course for students who may be looking for a one-term physics course, but with a pre-requisite who either lack high school Grade 12 physics, or feel they are not well prepared for physics, with a course specifically designed to make the bridge from a Grade 12 level to a potential successful entry to the University Physics course sequence. The course encourages active engagement of the students with the course material throughout the course.

Qualifications: Preferred applicant will have an undergraduate degree in either Physics or Education, and have at least three years experience in teaching physics in high schools or laboratories. A working background with the NS high school physics curriculum and experience with current interactive engagement pedagogical methods based on research in physics education, or experience developing curriculum for a transition-introductory physics course.

Duties: Duties and responsibilities include course/lecture preparation, delivery of lectures, and interactive student engagement methods; preparation and evaluation of student work.

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

How to Apply: Applications are invited in the first instance from part-time faculty on Saint Mary's precedence list. Applicants who currently hold a part-time teaching position at Saint Mary's University should submit a cover letter and a C.V. Applicants who do not currently hold a teaching appointment at Saint Mary's University should submit a cover letter and a C.V. with a letter of recommendation from a current or former supervisor.

[Download \(PDF, 508KB\)](#)



Department/Faculty: Chemistry/Physics
Course Name: LAB – PHYS 1101 General Physics I
Course Code: PHYS 101L LB
Academic Term: Fall
Class Timetable: T 1:30 – 4:15 pm
Course Unit Value: 0.25 unit

Start Date: 9/6/2017
End Date: 12/21/2017

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (PHYS 1101) to facilitate coordination.
Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 8/4/2017



Department/Faculty: Chemistry/Physics
Course Name: Environmental Chemistry
Course Code: CHEM 2505 18
Academic Term: Winter
Class Timetable: M 7:45pm – 8:45pm
Course Unit Value: 0.5 unit

Start Date: 1/3/2018

End Date: 4/25/2018

Qualifications:

Candidates should have satisfactory experience in teaching Chemistry in the appropriate field at the University level, a PhD degree in Chemistry is preferred including experience teaching via distance modes using Collaborate and/or Moodle.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Remuneration: Remuneration is in accordance with the Collective Agreement

between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM 1005 Chemical Concepts Course
Course Code: CHEM 105L LA
Academic Term: Winter
Class Timetable: M 1:30pm – 4:15pm
Course Unit Value: 0.25 unit

Start Date: 1/3/2018
End Date: 4/25/2018

Qualifications:

Candidates should have a BSc in Chemistry and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM 1005) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the
Collective Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by
curriculum vitae and
the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM 2402 Organic Chemistry II
Course Code: CHEM 242L LA
Academic Term: Winter
Class Timetable: Th 1:30pm – 4:15pm
Course Unit Value: 0.25 unit

Start Date: 1/3/2018
End Date: 4/25/2018

Qualifications:
Candidates should have a BSc in Chemistry and experience
in Organic lab
instruction.

Duties: Preparation, teaching, student consultation, grading
and marking,
distribution of student evaluation questionnaires,
involvement in student
appeals, and other duties appropriate to the
appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM 2402) to facilitate coordination.
Ensure university safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM 3102 Chemistry of Transition Metals
Course Code: CHEM 312L LA
Academic Term: Winter
Class Timetable: F 9:00am – 11:45am
Course Unit Value: 0.25 unit

Start Date: 1/3/2018
End Date: 4/25/2018

Qualifications:

Candidates should have a BSc in Chemistry and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment. —————

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM 3102) to facilitate coordination.

Ensure University safety guidelines are met.

—————
Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912
—————

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017
—————

—————
Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM/BIOLOGICAL 3502 Intermediary Metabolism
Course Code: CHEM/BIOLOGICAL 352L LB
Academic Term: Winter
Class Timetable: T 1:30pm – 4:15pm
Course Unit Value: 0.25 unit
—————

Start Date: 1/3/2018
End Date: 4/25/2018

Qualifications:

Candidates should have a BSc in Chemistry and experience in biochemistry lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course(CHEM/BIOLOG 3502) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM/BIOLOG 3502 Intermediary Metabolism

Course Code: CHEM/BIOL 352L LC
Academic Term: Winter
Class Timetable: T 5:00pm – 7:45pm

Course Unit Value: 0.25 unit

Start Date: 1/3/2018
End Date: 4/25/2018

Qualifications:

Candidates should have a BSc in Chemistry and experience in biochemistry lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course(CHEM/BIOL 3502) to facilitate coordination.
Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM/BIOLOGICAL 3502 Intermediary
Metabolism
Course Code: CHEM/BIOLOGICAL 352L LD
Academic Term: Winter
Class Timetable: W 1:30pm – 4:15pm

Course Unit Value: 0.25 unit

Start Date: 1/3/2018
End Date: 4/25/2018

Qualifications:

Candidates should have a BSc in Chemistry and experience in biochemistry lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course(CHEM/BIOLOGICAL 3502) to facilitate coordination.
Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: Intro Astronomy II: Stars
Course Code: PHYS 1130 01
Academic Term: Winter
Class Timetable: TTh 9:00am – 10:15am
Course Unit Value: 0.5 unit

Start Date: 1/3/2018
End Date: 4/25/2018

Qualifications:
Candidates are expected to hold at least a Master's degree in Astronomy, Astrophysics, or closely related field. Relevant teaching experience at the University level is required.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Remuneration: Remuneration is in accordance with the
Collective Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by
curriculum vitae and
the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: LAB – PHYS 1102 General Physics II
Course Code: PHYS 102L LA
Academic Term: Winter
Class Timetable: F 1:30pm – 4:15pm
Course Unit Value: 0.25 unit

Start Date: 1/3/2018
End Date: 4/25/2018

Qualifications:
Candidates should have a BSc in Physics and experience in
lab instruction.

Duties: Preparation, teaching, student consultation, grading
and marking,
distribution of student evaluation questionnaires,
involvement in student
appeals, and other duties appropriate to the
appointment.

Additional Duties:
Laboratory set up and clean up, consultation with instructor
of the
lecture portion of the course (PHYS 1102) to facilitate

coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: Chemistry of Everyday Life
Course Code: CHEM 1003 01
Academic Term: Fall
Class Timetable: W 6:00pm – 8:45pm
Course Unit Value: 0.5 unit

Start Date: 9/6/2017
End Date: 12/21/2017

Qualifications:
Candidates should have a BSc in Chemistry and a Masters degree in either Chemistry or Education.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the

appointment. _____

Additional Duties:

Remuneration: Remuneration is in accordance with the
Collective Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by
curriculum vitae and
the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: Organic Chemistry I
Course Code: CHEM 2401 01
Academic Term: Fall
Class Timetable: MW 10:30am – 11:45am
Course Unit Value: 0.5 unit

Start Date: 9/6/2017
End Date: 12/21/2017

Qualifications:
Candidates should have satisfactory experience in teaching
Chemistry in
the appropriate field at the University level. A PhD in
Chemistry
preferred.

Duties: Preparation, teaching, student consultation, grading
and marking,
distribution of student evaluation questionnaires,

involvement in student
appeals, and other duties appropriate to the
appointment. _____

Additional Duties:

Consultation with Chem 241L lab instructor to facilitate
coordination
between lecture and lab.

Remuneration: Remuneration is in accordance with the
Collective Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by
curriculum vitae and
the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: Introductory Biochemistry
Course Code: CHEM/BIOL 3501 01
Academic Term: Fall
Class Timetable: MW 12:00pm – 1:15pm
Course Unit Value: 0.5 unit

Start Date: 9/6/2017
End Date: 12/21/2017

Qualifications:

Candidates should have satisfactory experience in teaching
Chemistry in
the appropriate field at the University level, a PhD degree in
Chemistry

preferred.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Consultation with CHEM 351L lab instructor to facilitate coordination

between lecture and lab.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:

Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics

Course Name: LAB – CHEM 3101 Chemistry of Main Group Elements

Course Code: CHEM 311L LA

Academic Term: Fall

Class Timetable: F 9:00am – 11:45am

Course Unit Value: 0.25 unit

Start Date: 9/6/2017

End Date: 12/21/2017

Qualifications:

Candidates should have a BSc in Chemistry and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM 3101) to facilitate coordination.
Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM 3501 Introductory Biochemistry
Course Code: CHEM/BIOL 351L LB
Academic Term: Fall

Class Timetable: T 1:30pm – 4:15pm

Course Unit Value: 0.25 unit

Start Date: 9/6/2017

End Date: 12/21/2017

Qualifications:

Candidates should have a BSc in Chemistry and experience in biochemistry lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course(CHEM/BIOL 3501) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics

Course Name: LAB – CHEM 3501 Introductory Biochemistry

Course Code: CHEM/BIOL 351L LC

Academic Term: Fall

Class Timetable: T 5:00pm – 7:45pm

Course Unit Value: 0.25 unit

Start Date: 9/6/2017

End Date: 12/21/2017

Qualifications:

Candidates should have a BSc in Chemistry and experience in biochemistry lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course(CHEM/BIOL 3501) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:

Department Chair: Dr. Cherif Matta, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics

Course Name: LAB – CHEM 3501 Introductory Biochemistry

Course Code: CHEM/BIOL 351L LD

Academic Term: Fall

Class Timetable: W 1:30pm – 4:15pm

Course Unit Value: 0.25 unit

Start Date: 9/6/2017

End Date: 12/21/2017

Qualifications:

Candidates should have a BSc in Chemistry and experience in biochemistry lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course(CHEM/BIOL 3501) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the

Collective Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by
curriculum vitae and
the names of three references to:

Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: Intro Astronomy I: Sky & Planet Course
Course Code: PHYS 1120 01
Academic Term: Fall
Class Timetable: TTh 9:00am – 10:15am
Course Unit Value: 0.5 unit

Start Date: 9/6/2017
End Date: 12/21/2017

Qualifications:
Candidates should have satisfactory experience in teaching
Physics in the
appropriate field at the University level, a PhD degree in
Physics
preferred.

Duties: Preparation, teaching, student consultation, grading
and marking,
distribution of student evaluation questionnaires,
involvement in student
appeals, and other duties appropriate to the
appointment. —————

Additional Duties:

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: LAB – PHYS 1101 General Physics I
Course Code: PHYS 101L LA
Academic Term: Fall
Class Timetable: F 1:30pm – 4:15pm
Course Unit Value: 0.25 unit

Start Date: 9/6/2017
End Date: 12/21/2017

Qualifications:
Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:
Laboratory set up and clean up, consultation with instructor of the

lecture portion of the course (PHYS 1101) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: Chemical Concepts
Course Code: CHEM 1005 01
Academic Term: Winter
Class Timetable: MW 12:00pm – 1:15pm
Course Unit Value: 0.5 unit

Start Date: 1/3/2018
End Date: 4/25/2018

Qualifications:
Candidates should have a BSc in Chemistry and a Masters degree in either Chemistry or Education.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires,

involvement in student
appeals, and other duties appropriate to the
appointment. _____

Additional Duties:

Consultation with CHEM 105L lab instructor to facilitate
coordination
between lecture and lab.

Remuneration: Remuneration is in accordance with the
Collective Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by
curriculum vitae and
the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017



Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM 2401 Organic Chemistry I
Course Code: CHEM 241L LA
Academic Term: Fall
Class Timetable: Th 9:00am – 11:45am
Course Unit Value: 0.25 unit

Start Date: 9/6/2017
End Date: 12/21/2017

Qualifications:

Candidates should have a BSc in Chemistry and experience in Organic lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM 2401) to facilitate coordination.

Ensure university safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2016

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM 2401 Organic Chemistry I
Course Code: CHEM 241L LB
Academic Term: Fall
Class Timetable: Th 1:30pm – 4:15pm
Course Unit Value: 0.25 unit

Start Date: 9/6/2017

End Date: 12/21/2017

Qualifications:

Candidates should have a BSc in Chemistry and experience in Organic lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM 2401) to facilitate coordination.
Ensure university safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Department/Faculty: Chemistry/Physics
Course Name: LAB – CHEM 2401 Organic Chemistry I
Course Code: CHEM 241L LC

Academic Term: Fall

Class Timetable: F 9:00am – 11:45am

Course Unit Value: 0.25 unit

Start Date: 9/6/2017

End Date: 12/21/2017

Qualifications:

Candidates should have a BSc in Chemistry and experience in Organic lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (CHEM 2401) to facilitate coordination.
Ensure university safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/28/2017

Part-Time Academic Postings - Physics & Atmospheric Science

Posted by Physics & Atmospheric Science on March 23, 2017 in Job Postings

POSTING DATE: March 23, 2017

APPLICATION DEADLINE: April 2, 2017

POSITIONS: Part-time Academic(s) required to teach the following courses during the 2017-2018 academic year

DEPARTMENT/LOCATION: Department of Physics & Atmospheric Science, Sir James Dunn Building

PAY RATE: As per CUPE, Local 3912 Collective Agreement

WORK ASSIGNMENTS:

Fall Term 2017-2018 (September 1, 2017 to December 31, 2017)

1. PHYC 1190 Introduction to Physics
2. PHYC 1450 Astronomy & The Evolving Universe
3. PHYC 3000/3340 Experimental Physics
4. PHYC 4520 Intro to Atmospheric Science

Winter Term 2017-2018 (January 1, 2018 to April 30, 2018)

1. PHYC 1450 Astronomy & The Evolving Universe
2. PHYC 4505 Atmospheric Physics
3. PHYC 4570 Radiative Transfer

Duties include full responsibility for teaching. Reasonable office hours should be available to students. All positions report to the Chair of the Department of Physics & Atmospheric Science.

REQUIREMENTS OF POSITIONS:

Candidates must have an advanced degree in Physics (MSc or PhD), and must have critical thinking skills and relevant teaching experience at the university level. Excellent organizational and written communication skills are required. For Atmospheric

Science courses: MSc required, PhD preferred in the area of atmospheric Science, expertise in the relevant area, and teaching experience at the university level. Diploma in Meteorology preferred.

Please apply in writing (by email – with a current CV and three references), by the deadline, to: Heather.Ann.Jennex@Dal.Ca

All offers of employment as a part-time academic are conditional upon sufficient student enrolment in the course and approval by the University.

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The University encourages applications from Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all candidates who would contribute to the diversity of our community.

We would like to thank all applicants for their interest; however, only those selected for follow-up will be contacted.

Part-time Teaching Opportunities in Astronomy and Physics at Saint Mary's University

First Summer Session 2017 (May-June)

Posting Date: 15 March 2017

Closing Date: 31 March 2017

We seek part-time faculty colleagues interested in teaching the following courses in the first summer session (May-June 2017):

- ASTR 1000 The Sky & Planets TR 17:30-20:30

- ASTR 1001 Stars & Galaxies MW 17:30-20:30
- ASTR 1010 (WW) Life in the Universe (Web course)
- ASTR 1010 (WX) Life in the Universe (Web course)
- PHYS 1101 University Physics II TR 9:30-12:30
- PHYS 1101L University Physics II Lab TR 13:30-16:30

Requirements: Successful candidates will preferably possess the minimum of an M.Sc. in physics and/or astronomy, with demonstrated experience in teaching physics or astronomy at the university level.

Applications are invited in the first instance from part-time faculty colleagues on the Saint Mary's precedence list.

Send applications by the closing date indicated above to:

Chairperson

Department of Astronomy and Physics

Saint Mary's University

Halifax NS B3H 3C3

chair@ap.smu.ca

Part-Time Academic Postings - Physics & Atmospheric Science

Posted by Physics & Atmospheric Science on October 28, 2016 in Job Postings

POSTING DATE: October 28, 2016

APPLICATION DEADLINE: November 7, 2016

POSITION: Part-Time Academic required to teach the following classes during the academic year, 2016/2017

DEPARTMENT/LOCATION: Department of Physics and Atmospheric Science, Sir James Dunn Building

PAY RATE: as per CUPE, Local 3912 Collective Agreement

WORK ASSIGNMENTS:

Winter Term 2016/2017 (January 1, 2017 – April 30, 2017)

1. PHYC 4180 Nuclear and Particle Physics
2. PHYC 4505 Atmospheric Physics

Duties include full responsibility for teaching. Reasonable office hours should be available to the students. All positions report to the Chair of the Department of Physics and Atmospheric Science.

REQUIREMENTS OF POSITION: MSc required, PhD preferred in the area of physics, expertise in relevant area, and teaching experience at the university level. Diploma in Meteorology is preferred for PHYC 4505.

If you are interested in any of the above positions, please apply in writing to:

Selection Committee
c/o Heather.Ann.Jennex@Dal.Ca
Department of Physics and Atmospheric Science
Sir James Dunn Building
Dalhousie University
Halifax, NS B3H 3J5

All offers of employment as a part-time academic are conditional upon sufficient enrolment in the courses and approval by the University.

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The university encourages applications from qualified Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all qualified candidates who would contribute to the diversity of our

community.



[Download \(DOC, 27KB\)](#)

Part-time Teaching Opportunities in Astronomy and Physics at

Saint Mary's University

Fall 2016 (September-December)

Posting Date: 14 July 2016 Closing Date: 28 July 2016

We seek part-time faculty colleagues interested in teaching the following courses in the first summer session (May-June 2015):

- ASTR 1000 The Sky & Planets MW 14:30-15:45
- ASTR 1000 The Sky & Planets TR 14:30-15:45
- ASTR 1010 (WW) Life in the Universe (Web course)
- ASTR 1010 (WX) Life in the Universe (Web course)
- ASTR 2100 Foundations of Astrophysics TR 13:00-14:15
- ASTR 5510 Extragalactic Astronomy TR 10:00-11:15
- PHYS 1000 Physics for Life Sciences I TR 10:00-11:15
- PHYS 2300L Vibrations & Waves, Lab MW 14:30-17:59
- PHYS 4600 Experimental Physics II F 9:00-11:59

All courses above are 0.5 FCE except PHYS 2300L which is 0.25 FCE. PHYS4600 spans both the Fall and Winter semesters.

Requirements: Successful candidates will preferably possess the minimum of an M.Sc. in physics and/or astronomy, with demonstrated experience in teaching physics or astronomy at the university level.

Applications are invited in the first instance from part-time faculty colleagues on the Saint Mary's precedence list.

Send applications by the closing date indicated above to:

Chairperson

Department of Astronomy and Physics

Saint Mary's University

Halifax NS B3H 3C3

chair@ap.smu.ca

Part-Time Academic Posting: Physics and Atmospheric Science

Posted by Department of Physics and Atmospheric Science on
June 24, 2016 in Job Postings

PART-TIME ACADEMIC POSTING

POSTING DATE: June 24, 2016

APPLICATION DEADLINE: July 4, 2016

POSITION: Sessional Lecturer: PHYC 1190 Intro to Physics (Fall
Term 2016: Sept 1 to Dec 31 2016)

DEPARTMENT/LOCATION: Department of Physics and Atmospheric
Science

PAY RATE: In accordance with CUPE Collective Agreement

WORK ASSIGNMENT:

The part-time academic will be responsible for all aspects of teaching and administering the class or partial class, including lectures, in-class demonstrations, test preparation, evaluation, and electronic submission of grades. Part-time academics are expected to be available for three hours per week for consultation with students, and to have students fill out the evaluation questionnaire at the end of the course. This part-time academic is expected to attend the previous section of the PHYC 1190 course offering, in order to ensure consistency and mirror teaching delivery in their assigned section. Part-time academics report to the Chairperson of the Department.

REQUIREMENTS OF POSITION:

Candidates must have an advanced degree in Physics (MSc or PhD), and must have critical thinking skills and relevant teaching experience. Excellent organizational and written communication skills are required.

Please apply in writing (by email – with a current CV and three references), by the deadline, to:

Heather Ann Jennex, Administrator
Department of Physics and Atmospheric Science
Dalhousie University
Room 218, Sir James Dunn Building
PO Box 15000
Halifax, N.S. B3H 4R2
Heather.Ann.Jennex@Dal.Ca

All offers of employment as a part-time academic are conditional upon sufficient student enrolment in the course and approval by the University.

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The university encourages applications from qualified Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all qualified candidates who would contribute to the diversity of our community.

We would like to thank all applicants for their interest; however, only those selected for follow-up will be contacted.



Department/Faculty: Chemistry/Physics
Course Name: Intro Astronomy II: Stars
Course Code: PHYS 1130 01
Academic Term: Winter
Class Timetable: T Th 9:00 – 10:15 AM
Course Unit Value: 0.5 unit

Start Date: 1/4/2017
End Date: 4/26/2017

Qualifications:

Candidates are expected to hold at least a Master's degree in Astronomy, Astrophysics, or closely related field. Relevant teaching experience at the University level is required.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/10/2016



Department/Faculty: Chemistry/Physics
Course Name: Intro Astronomy I: Sky & Planet
Course Code: PHYS 1120 01
Academic Term: Fall

Class Timetable: TTh 9:00 – 10:15 AM

Course Unit Value: 0.5 unit

Start Date: 9/7/2016

End Date: 12/22/2016

Qualifications:

Candidates should have satisfactory experience in teaching Physics in the appropriate field at the University level, a PhD degree in Physics preferred.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and

the names of three references to:

Department Chair: Dr. Cherif Matta, Dept. of Chemistry

Email: chemphys@msvu.ca

Application deadline: 6/10/2016

Department/Faculty: Chemistry/Physics

Course Name: LAB – PHYS 1101 General Physics I

Course Code: PHYS 101L LA
Academic Term: Fall
Class Timetable: F 1:30 – 4:15 PM
Course Unit Value: 0.25 unit

Start Date: 9/7/2016
End Date: 12/22/2016

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (PHYS 1101) to facilitate coordination.
Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/10/2016

Department/Faculty: Chemistry/Physics
Course Name: LAB – PHYS 1102 General Physics II
Course Code: PHYS 102L LA
Academic Term: Winter
Class Timetable: F 1:30 – 4:15 PM
Course Unit Value: 0.25 unit

Start Date: 1/4/2017
End Date: 4/26/2017

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (PHYS 1102) to facilitate coordination.

Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 6/10/2016

Part-Time Academic Posting - Physics & Atmospheric Science

Posted by Physics & Atmospheric Science on April 28, 2016 in Job Postings

POSTING DATE: April 28, 2016

APPLICATION DEADLINE: May 8, 2016

POSITION: Part-Time Academic required to teach the following class for the upcoming 2016 Summer Term (2015-2016)

DEPARTMENT/LOCATION: Department of Physics and Atmospheric Science, Sir James Dunn Building

PAY RATE: as per CUPE, Local 3912 Collective Agreement

WORK ASSIGNMENTS:

Summer Term 2015/2016 (July 4, 2016 – July 29, 2016)

PHYC 1290 Introduction to Physics

Duties include full responsibility for teaching. Reasonable office hours should be available to the students. All positions report to the Chair of the Department of Physics and Atmospheric Science.

REQUIREMENTS OF POSITION: MSc required, PhD preferred in the area of physics, expertise in relevant area, and teaching experience at the university level.

If you are interested in any of the above positions, please apply in writing to:

Selection Committee
c/o Heather.Ann.Jennex@Dal.Ca
Department of Physics and Atmospheric Science
Sir James Dunn Building
Dalhousie University
Halifax, NS B3H 3J5

All offers of employment as a part-time academic are conditional upon sufficient enrolment in the courses and approval by the University.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The university encourages applications from qualified Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all qualified candidates who would contribute to the diversity of our community.

Part-Time Academic Posting - Department of Physics and Atmospheric Science

Posted by Department of Physics and Atmospheric Science on March 14, 2016 in Job Postings
POSTING DATE: March 10, 2016
APPLICATION DEADLINE: March 20, 2016

POSITION: Part-Time Academics required to teach the following classes during the academic year, 2016/2017

DEPARTMENT/LOCATION: Department of Physics and Atmospheric Science, Sir James Dunn Building

PAY RATE: as per CUPE, Local 3912 Collective Agreement

WORK ASSIGNMENTS:

Fall Term 2016/2017 (September 1, 2016 – December 31, 2016)

1. PHYC 1450X Astronomy and The Evolving Universe
2. PHYC 2451 Astronomy

Winter Term 2016/2017 (January 1, 2017 – April 30, 2017)

1. PHYC 1450Y Astronomy: The Evolving Universe
2. PHYC 2452 Astronomy

Duties include full responsibility for teaching. Reasonable office hours should be available to the students. All positions report to the Chair of the Department of Physics and Atmospheric Science.

REQUIREMENTS OF POSITION: MSc required, PhD preferred in the area of physics, expertise in relevant area, and teaching experience at the university level.

If you are interested in any of the above positions, please apply in writing to:

Selection Committee
c/o Heather.Ann.Jennex@Dal.Ca
Department of Physics and Atmospheric Science
Sir James Dunn Building
Dalhousie University
Halifax, NS B3H 3J5

All offers of employment as a part-time academic are conditional upon sufficient enrolment in the courses and approval by the University.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The university encourages applications from Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all qualified candidates who would contribute to the diversity of our community.

Part-time Teaching Opportunities in Astronomy and Physics at Saint Mary's University

First Summer Session 2016 (May-June)

Posting Date: 2 February 2016 Closing Date: 16 February 2016

We seek part-time faculty colleagues interested in teaching the following courses in the first summer session (May-June 2015):

- ASTR 1000 The Sky & Planets TR 17:30-20:30
- ASTR 1001 Stars & Galaxies MW 17:30-20:30
- ASTR 1010 (WW) Life in the Universe (Web course)
- ASTR 1010 (WX) Life in the Universe (Web course)
- PHYS 1101 University Physics II TR 9:30-12:30
- PHYS 1101L University Physics II Lab TR 13:30-16:30

Requirements: Successful candidates will preferably possess the minimum of an M.Sc. in physics and/or astronomy, with demonstrated experience in teaching physics or astronomy at the university level.

Applications are invited in the first instance from part-time faculty colleagues on the Saint Mary's precedence list.

Send applications by the closing date indicated above to:

Chairperson
Department of Astronomy and Physics
Saint Mary's University
Halifax NS B3H 3C3
chair@ap.smu.ca

Part-time Teaching Opportunities in Astronomy and Physics at Saint Mary's University

Winter 2016

Posting Date: 19 November 2015 Closing Date: 4 December 2015

We seek part-time faculty colleagues interested in teaching the following courses in the Winter 2016 academic semester. All courses are 0.5FCE.

- ASTR 1001.2A Stars & Galaxies MW 14:30-15:45
- ASTR 1001.2B Stars & Galaxies TR 13:00-14:15
- ASTR 1010.2WW Life in the Universe (Web course)
- ASTR 1010.2WX Life in the Universe (Web course)
- ASTR 2400.2 Properties of Stars TR 10:00-11:15
- ASTR 4200.2 Observational Astronomy MW 16:00-17:15
- PHYS 1001.2 Physics for Life Sciences II TR 10:00-11:15
- PHYS 2400.2 Electricity and Magnetism TR 11:30-12:45

Additionally, we seek a part-time faculty colleague to teach the following lab courses (0.25FCE each):

- PHYS 1100.2L University Physics Lab times TBD
- PHYS 2400.2L Electricity and Magnetism lab W 14:30-17:30

Requirements: Successful candidates will preferably possess the

minimum of an M.Sc. in physics and/or astronomy, with demonstrated experience in teaching physics or astronomy at the university level.

Applications are invited in the first instance from part-time faculty colleagues on the University's precedence list.

Send applications to:

Dr. Marcin Sawicki, Chairperson
Department of Astronomy and Physics
Saint Mary's University
Halifax NS B3H 3C3
chair@ap.smu.ca



Department/Faculty: Chemistry/Physics
Course Name: Intro Astronomy II: Stars
Course Code: PHYS 1130 01
Academic Term: Winter
Class Timetable: T Th 9:00-10:15 am
Course Unit Value: 0.5 unit

Start Date: 1/5/2016
End Date: 4/27/2016

Qualifications:

Candidates are expected to hold at least a Master's degree in Astronomy, Astrophysics, or closely related field. Relevant teaching experience at the University level is required.

Duties: Preparation, teaching, student consultation, grading

and marking,
distribution of student evaluation questionnaires,
involvement in student
appeals, and other duties appropriate to the
appointment. _____

Additional Duties:

Remuneration: Remuneration is in accordance with the
Collective Agreement
between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by
curriculum vitae and
the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 8/25/2015



Department/Faculty: Chemistry/Physics
Course Name: General Physics II – LAB
Course Code: Phys 102L LA
Academic Term: Winter
Class Timetable: F 1:30-4:15 pm
Course Unit Value: 0.25 unit

Start Date: 1/5/2016
End Date: 4/27/2016

Qualifications:

Candidates should have a BSc in Physics and experience in

lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (PHYS 1102) to facilitate coordination.
Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Cherif Matta, Dept. of Chemistry
Email: chemphys@msvu.ca

Application deadline: 8/16/2015

PART-TIME ACADEMIC POSTING

DALHOUSIE UNIVERSITY
Halifax, Nova Scotia, Canada B3H 4H2

POSTING DATE: June 25, 2015
APPLICATION DEADLINE: July 4, 2015

POSITION: Teaching Assistant (TA90)
PHYC 2850 – Science and Economics of Climate Change
July 20 – August 14, 2015

DEPARTMENT/LOCATION: Department of Physics & Atmospheric
Science

PAY RATE: As per CUPE Collective Agreement

WORK ASSIGNMENT:

The teaching assistant's duties are as follows:

- attend meetings with instructors to discuss responsibilities.
- attend and participate in lectures.
- help students with practice problems and questions during specified tutorial hours;
- help grade student presentations.
- provide email and message board help.
- provide instructors with feedback regarding student difficulties and questions.
- mark assignments/tests as requested by the instructors
- ensure marks are submitted in a timely manner and re-mark if necessary

REQUIREMENTS: Masters or PhD candidate in Atmospheric Science in the Department of Physics and Atmospheric Science. Preference will be given to applicants with a demonstrated interest or experience in climate change.

If you are interested in this position, please send your cover letter and CV by email to:
Heather.Ann.Jennex@Dal.Ca (Attn: Heather Ann Jennex; Physics and Atmospheric Science)

All offers of employment are conditional upon sufficient student enrolment in the course and approval by the University.

Dalhousie University is an Employment Equity/Affirmative Action employer. The University encourages applications from qualified

Aboriginal peoples, people with a disability, racially visible persons and women.

Part-time Teaching Opportunities in Astronomy and Physics at Saint Mary's University

Fall 2015

Posting Date: 12 June 2015 Closing Date: 3 July 2015

We seek part-time faculty colleagues interested in teaching the following courses in the fall 2015 academic semester. All courses are 0.5FCE except PHYS 2300.1L which is 0.25FCE.

- ASTR 1000.1A The Sky and Planets MW 17:30-18:45
- ASTR 1000.1B The Sky and Planets TR 14:30-15:45
- ASTR 1010.1WW Life in the Universe (Web course)
- ASTR 1010.1WX Life in the Universe (Web course)
- ASTR 3500.1 Galaxies and Cosmology MW 10:00-11:15
- ASTR 5500.1 Galactic Astronomy times TBD
- PHYS 1000.1 Physics for Life Sciences I TR 10:00-11:15
- PHYS 2300.1 Vibrations and Waves TR 11:30-12:45
- PHYS 2300.1L Vibrations and Waves Lab W 14:30-17:29
- PHYS 3300.1 Classical Mechanics MW 11:30-12:45

Additionally, we seek a part-time faculty colleague to teach the following two-semester (fall and winter), 0.5FCE course:

- PHYS 4600.1 Experimental Physics II times TBD

Requirements: Successful candidates will preferably possess the minimum of an M.Sc. in physics and/or astronomy, with demonstrated experience in teaching physics or astronomy at the university level.

Applications are invited in the first instance from part-time faculty colleagues on the University's precedence list.

Send applications to:

Chairperson
Department of Astronomy and Physics
Saint Mary's University
Halifax NS B3H 3C3
chair@ap.smu.ca

Part-time Teaching Opportunities in Astronomy and Physics at Saint Mary's University

Winter 2015 semester

Posting Date: 13 February 2015 Closing Date: 13 March 2015

We seek part-time faculty colleagues interested in teaching the following courses in the first summer session (May-June 2015):

- ASTR 1000 The Sky & Planets TR 17:30-20:30
- ASTR 1001 Stars & Galaxies MW 17:30-20:30
- ASTR 1010 (WW) Life in the Universe (Web course)
- ASTR 1010 (WX) Life in the Universe (Web course)
- PHYS 1101 University Physics II TR 9:30-12:30
- PHYS 1101L University Physics II Lab TR 13:30-16:30

Requirements: Successful candidates will preferably possess the minimum of an M.Sc. in physics and/or astronomy, with demonstrated experience in teaching physics or astronomy at the university level.

Applications are invited in the first instance from part-time faculty colleagues on the Saint Mary's precedence list.

Send applications by the closing date indicated above to:

Chairperson

Department of Astronomy and Physics

Saint Mary's University

Halifax NS B3H 3C3

chair@ap.smu.ca

Part-Time Academic Postings: Department of Physics and
Atmospheric Science

Posted by Department of Physics and Atmospheric Science on
February 3, 2015 in Job Postings

PART-TIME ACADEMIC POSTINGS

Dalhousie University

Halifax, NS B3H 3J5

POSTING DATE: February 3, 2015

APPLICATION DEADLINE: February 13, 2015

POSITION: Part-Time Academics required to teach the following
classes during the academic year, 2015/2016

DEPARTMENT/LOCATION: Department of Physics and
Atmospheric Science, Sir James Dunn Building

PAY RATE: as per CUPE, Local 3912 Collective Agreement

WORK ASSIGNMENTS:

Fall Term 2015/2016 (September 1, 2015 – December 31, 2015)

1. PHYC 1450X Astronomy and The Evolving Universe
2. PHYC 2451 Astronomy

Winter Term 2015/2016 (January 1, 2016 – April 30, 2016)

1. PHYC 1450Y Astronomy: The Evolving Universe
2. PHYC 2452 Astronomy

Duties include full responsibility for teaching. Reasonable office hours should be available to the students. All positions report to the Chair of the Department of Physics and Atmospheric Science.

REQUIREMENTS OF POSITION: MSc required, PhD preferred in the area of physics, expertise in relevant area, and teaching experience at the university level.

If you are interested in any of the above positions, please apply in writing to:

Selection Committee
c/o Heather.Ann.Jennex@Dal.Ca
Department of Physics and Atmospheric Science
Sir James Dunn Building
Dalhousie University
Halifax, NS B3H 3J5

All offers of employment as a part-time academic are conditional upon sufficient enrolment in the courses and approval by the University.

Dalhousie University is an Employment Equity/Affirmative Action employer. The University encourages applications from qualified Aboriginal peoples, people with a disability, racially visible persons, and women.

Part-time Teaching Opportunities in Astronomy and Physics at
Saint Mary's University

Winter 2015 semester

Posting Date: 14 November 2014 Closing Date: 26 November

2014

We seek part-time faculty colleagues interested in teaching the following lab courses in the winter 2015 academic semester:

- PHYS 1100.2L LAB University Physics I WR 14:30-17:29
- PHYS 2400.2L LAB Electricity and Magnetism W 14:30-17:29

Requirements: Successful candidates will preferably possess the minimum of an M.Sc. in physics and/or astronomy, with demonstrated experience in teaching physics or astronomy at the upper undergraduate or beginning graduate level.

Applications are invited in the first instance from part-time faculty colleagues on the Department's precedence list.

Send applications by the closing date indicated above to:

Chairperson

Department of Astronomy and Physics

Saint Mary's University

Halifax NS B3H 3C3

chair@ap.smu.ca

Part-time Teaching Opportunities in Astronomy and Physics at Saint Mary's University

Winter 2015 semester

Posting Date: 14 November 2014 Closing Date: 26 November 2014

We seek part-time faculty colleagues interested in teaching the following lecture courses in the winter 2015 academic semester:

- ASTR 1001.2A Stars & Galaxies MW 17:30-18:45
- ASTR 1001.2B Stars & Galaxies TR 13:00-14:15
- ASTR 1010.2WW Life in the Universe (Web course)
- ASTR 1010.2WX Life in the Universe (Web course)

- PHYS 1001.2 Physics for Life Sciences II TR 10:00-11:15
- PHYS 4390.2 General Relativity TR 10:00-11:15

Requirements: Successful candidates will preferably possess the minimum of an M.Sc. in physics and/or astronomy, with demonstrated experience in teaching physics or astronomy at the university level.

Applications are invited in the first instance from part-time faculty colleagues on the Department's precedence list.

Send applications by the closing date indicated above to:

Chairperson

Department of Astronomy and Physics

Saint Mary's University

Halifax NS B3H 3C3

chair@ap.smu.ca

Department/Faculty: Chemistry/Physics

Course Name: Intro Astronomy II: Stars

Course Code: PHYS*1130*01

Academic Term: Winter

Class Timetable: T Th 9:00 – 10:15 am

Course Unit Value: .5

Start Date: 1/5/2015

End Date: 4/28/2015

Qualifications:

Candidates must have attained a Master's degree in Astronomy. Candidates with an acceptable, equivalent combination of credentials and experience will also be considered. Relevant teaching experience at the University level or experience relevant to course content is required.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student

appeals, and other duties appropriate to the appointment. —————

Additional Duties:

Consultation with PHYS 113L lab instructors to facilitate coordination between lecture and lab. —————

Remuneration: Remuneration is in accordance with the Collective Agreement

between Mount Saint Vincent University and CUPE 3912

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How to apply: Send your application accompanied by curriculum vitae and the names of three references to:

Department Chair: Dr. Ian Pottie, Dept. of Chemistry

Email: chemphys@msvu.ca Application deadline: 11/5/2014

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Department/Faculty: Chemistry/Physics

Course Name: Laboratory: General Physics II

Course Code: PHYS*102L*LA

Academic Term: Winter

Class Timetable: F 1:30 – 4:15 pm

Course Unit Value: .25

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Start Date: 1/5/2015

End Date: 4/28/2015

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Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

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Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment. —————

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (PHYS 1102) to facilitate coordination. Ensure University safety guidelines are met.

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Remuneration: Remuneration is in accordance with the Collective Agreement

between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:

Department Chair: Dr. Ian Pottie, Dept. of Chemistry

Email: chemphys@msvu.ca Application deadline: 11/5/2014

Department/Faculty: Chemistry/Physics

Course Name: Laboratory: Intro Astronomy II

Course Code: PHYS*113L*LA

Academic Term: Winter

Class Timetable: T 1:30 – 4:15 pm

Course Unit Value: .125

Start Date: 1/5/2015

End Date: 4/28/2015

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (PHYS 1130) to facilitate coordination. Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement

between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:

Department Chair: Dr. Ian Pottie, Dept. of Chemistry

Email: chemphys@msvu.ca Application deadline: 11/5/2014

Part-time Teaching Opportunity in Astronomy and Physics

Fall 2014 semester Posting Date: 25 Aug 2014 Closing Date: 8 Sept 2014

We seek a part-time faculty colleague interested in teaching the following lecture course in the fall 2014 semester (Sep-Dec) semester:

- PHYS 2300.1 Vibrations & Waves Fall TR 11:30-12:45

Requirements: Successful candidates will preferably possess the minimum of an M.Sc. in physics and/or astronomy, with demonstrated experience in teaching physics or astronomy at the university level. Applications are invited in the first instance from part-time faculty colleagues on the Department's precedence list. Send applications to: Chairperson
Department of Astronomy and Physics
Saint Mary's University
Halifax NS B3H 3C3
chair@ap.smu.ca

Part-Time Academic Posting: Department of Physics and Atmospheric Science

Posted by Department of Physics and Atmospheric Science on 07/31/2014 in job_postings

PART-TIME ACADEMIC POSTING

Dalhousie University
Halifax, NS B3H 3J5

POSTING DATE: July 31, 2014

APPLICATION DEADLINE: August 14, 2014

POSITION: Part-Time Academic required to teach the following class during the academic year, 2014/2015

DEPARTMENT/LOCATION: Department of Physics and Atmospheric Science, Sir James Dunn Building

PAY RATE: as per CUPE, Local 3912 Collective Agreement

Winter Term 2014/2015 (January 1, 2015 – April 30, 2015)

PHYC 2452 Astronomy

Duties include full responsibility for teaching. Reasonable office hours should be available to the students. All positions report to the Chair of the Department of Physics and Atmospheric Science.

REQUIREMENTS OF POSITION: MSc required, PhD preferred in the area of physics, expertise in relevant area, and teaching experience at the university level.

If you are interested in any of the above positions, please apply in writing to:

Selection Committee
c/o Heather.Ann.Jennex@Dal.Ca
Department of Physics and Atmospheric Science
Sir James Dunn Building
Dalhousie University
Halifax, NS B3H 3J5

All offers of employment as a part-time academic are conditional upon sufficient enrolment in the courses and approval by the University.

Dalhousie University is an Employment Equity/Affirmative Action employer. The University encourages applications from qualified Aboriginal peoples, people with a disability, racially visible persons, and women.



Department/Faculty: Chemistry/Physics
Course Name: General Physics I – Laboratory
Course Code: PHYS*101L*LB
Academic Term: Fall
Class Timetable: M 1:30-4:15 PM
Course Unit Value: .25

Start Date: 9/3/2014

End Date: 12/18/2014

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment.

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (PHYS 1101) to facilitate coordination.
Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:
Department Chair: Dr. Ian Pottie, Dept. of Chemistry
Email: Kerri.alsaidi@msvu.ca
Application deadline: 8/6/2014

Department/Faculty: Chemistry/Physics

Course Name: Introduction to Astronomy I: The Sky & Planets

Course Code: PHYS*1120*01

Academic Term: Fall

Class Timetable: TTH 09:00AM – 10:15AM

Course Unit Value: .5

Start Date: 9/3/2014

End Date: 12/18/2014

Qualifications:

Candidates should have satisfactory experience in teaching Physics in the appropriate field at the University level, a PhD degree in Physics preferred.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment. —————

Additional Duties:

Consultation with PHYS 112L lab instructor to facilitate coordination between lecture and lab. —————

Remuneration: Remuneration is in accordance with the Collective Agreement

between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:

Department Chair: Dr. Ian Pottie, Dept. of Chemistry

Email: ChemPhys@msvu.ca Application deadline: 7/29/2014

Department/Faculty: Chemistry/Physics

Course Name: Laboratory for PHYS 1101

Course Code: PHYS*101L*LA

Academic Term: Fall

Class Timetable: F 01:30PM – 04:15PM

Course Unit Value: .25

Start Date: 9/3/2014

End Date: 12/18/2014

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment. —————

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the lecture portion of the course (PHYS 1101) to facilitate coordination. Ensure University safety guidelines are met.

Remuneration: Remuneration is in accordance with the Collective Agreement

between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:

Department Chair: Dr. Ian Pottie, Dept. of Chemistry

Email: ChemPhys@msvu.ca Application deadline: 7/29/2014

Department/Faculty: Chemistry/Physics

Course Name: Laboratory to PHYS 1120

Course Code: PHYS*112L*LA

Academic Term: Fall

Class Timetable: T 01:30PM – 04:15PM

Course Unit Value: .125

Start Date: 9/3/2014

End Date: 12/18/2014

Qualifications:

Candidates should have a BSc in Physics and experience in lab instruction.

Duties: Preparation, teaching, student consultation, grading and marking, distribution of student evaluation questionnaires, involvement in student appeals, and other duties appropriate to the appointment. —————

Additional Duties:

Laboratory set up and clean up, consultation with instructor of the

lecture portion of the course (PHYS 1120) to facilitate coordination. Ensure University safety guidelines are met.-----

Remuneration: Remuneration is in accordance with the Collective Agreement

between Mount Saint Vincent University and CUPE 3912

How to apply: Send your application accompanied by curriculum vitae and the names of three references to:

Department Chair: Dr. Ian Pottie, Dept. of Chemistry

Email: ChemPhys@msvu.ca Application deadline: 7/29/2014

Part-time Teaching Opportunities in Astronomy and Physics at Saint Mary's University

Fall 2014 semester

Posting Date: 2 June 2014 Closing Date: 23 June 2014

We seek a part-time faculty colleague interested in teaching the following lab course in the fall 2014 academic semester:

- PHYS 2300 Waves and Vibrations W 14:30-17:29

Requirements: Successful candidates will preferably possess the minimum of an M.Sc. in physics and/or astronomy, with demonstrated experience in teaching physics or astronomy at the upper undergraduate or beginning graduate level.

Applications are invited in the first instance from part-time faculty colleagues on the Department's precedence list.

Send applications to: Chairperson
Department of Astronomy and Physics
Saint Mary's University
Halifax NS B3H 3C3
sarty@ap.smu.ca

Part-time Teaching Opportunities in Astronomy and Physics at Saint Mary's University

Fall 2014 semester

Posting Date: 2 June 2014 Closing Date: 23 June 2014

We seek part-time faculty colleagues interested in teaching the following lecture courses in the fall 2013 academic semester:

- ASTR 1000.1A The Sky and Planets MW 17:30-18:45
- ASTR 1000.1B The Sky and Planets TR 14:30-15:45
- ASTR 1010.1WW Life in the Universe (Web course)
- ASTR 1010.1WX Life in the Universe (Web course)
- ASTR 2100.1 Foundations of Astrophysics TR 13:00-14:15
- ASTR 3400.1 ISM & Stellar Evolution MW 08:30-09:45
- PHYS 1000.1 Phys for Life Sci I TR 10:00-11:15
- PHYS 2300.1 Vibrations and Waves TR 11:30-12:55
- PHYS 3200.1 Math Methods in Physics I MW 13:00-14:15

Requirements: Successful candidates will preferably possess the minimum of an M.Sc. in physics and/or astronomy, with demonstrated experience in teaching physics or astronomy at the university level.

Applications are invited in the first instance from part-time faculty colleagues on the Department's precedence list.

Send applications to: Chairperson
Department of Astronomy and Physics
Saint Mary's University
Halifax NS B3H 3C3
chair@ap.smu.ca

Part-Time Academic Posting: Department of Physics & Atmospheric Science

Posted by Department of Physics & Atmospheric Science on
05/27/2014 in job_postings
PART-TIME ACADEMIC POSTING
DALHOUSIE UNIVERSITY
Halifax, Nova Scotia, Canada B3H 4H2

POSTING DATE: May 27, 2014
APPLICATION DEADLINE: June 2, 2014

POSITION: Teaching Assistant (TA90)
PHYC 2850 – Science and Economics of Climate Change
July 21 – August 15, 2014

DEPARTMENT/LOCATION: Department of Physics & Atmospheric
Science

PAY RATE: As per CUPE Collective Agreement

WORK ASSIGNMENT:

The teaching assistant's duties are as follows:

- attend meetings with instructors to discuss responsibilities.
- attend and participate in lectures.
- help students with practice problems and questions during specified tutorial hours;
- help grade student presentations.
- provide email and Bb Learn message board help.
- provide instructors with feedback regarding student difficulties and questions.
- mark assignments/tests as requested by the instructors
- ensure marks are submitted in a timely manner and re-mark if necessary

REQUIREMENTS: Masters or PhD candidate in Atmospheric
Science in the Department of Physics and Atmospheric Science.
Preference will be given to applicants with a demonstrated
interest or experience in climate change.

If you are interested in this position, please send your cover letter and CV by email to:

Heather.Ann.Jennex@Dal.Ca (Attn: Heather Ann Jennex; Physics and Atmospheric Science)

All offers of employment are conditional upon sufficient student enrolment in the course and approval by the University.

Dalhousie University is an Employment Equity/Affirmative Action employer. The University encourages applications from qualified Aboriginal peoples, people with a disability, racially visible persons and women.

Saint Mary's University

Part-time Teaching Opportunities in Astronomy and

Physics Summer 2014 Posting Date: 21 January 2014 Closing Date:

5 February 2014 We seek part-time faculty colleagues interested in teaching the following lecture and lab courses in the coming 2014

Summer I and II sessions: The following lecture courses are

planned for the Summer I and II sessions:

- ASTR 1000.1 The Sky and Planets May-Jun TR 5:00-8:00 PM

- ASTR 1001.1 Stars and Galaxies May-Jun MW 5:00-8:00 PM

- ASTR 1010.1 Life in the Universe May-Aug (Web course)
- PHYS 1100.1 University Physics I May-Jun TR 9:30-12:30 AM

- PHYS 1101.2 University Physics II Jul-Aug TR 9:30-12:30 AM

The following lab courses are currently planned (subject to

enrollment) for the Summer I and II sessions:

- PHYS 1100.1LA Univ Physics I Lab May-Jun R 1:30-4:30 PM

- PHYS 1100.1LB Univ Physics I Lab May-Jun W 9:30-12:30 AM

- PHYS 1101.2LA Univ Physics II Lab Jul-Aug R 1:30-4:30 PM

- PHYS 1101.2LB Univ Physics II Lab Jul-Aug W 9:30-12:30

AM Requirements: Successful candidates will preferably possess the minimum of an M.Sc. in physics and/or astronomy, with demonstrated experience in teaching physics or astronomy at the

university level. Applications are invited in the first instance from part-time faculty colleagues on the Department's precedence

list.Send applications to: Chairperson
Department of Astronomy and Physics
Saint Mary's University
Halifax NS B3H 3C3
chair@ap.smu.ca

Part-Time Academic Postings: Department of Physics and Atmospheric Science
Dalhousie University
Halifax, NS B3H 3J5POSTING DATE: January 17, 2014
APPLICATION DEADLINE: February 6, 2014POSITION: Part-Time Academics required to teach the following classes during the academic year, 2014/2015DEPARTMENT/LOCATION: Department of Physics and Atmospheric Science, Sir James Dunn BuildingPAY RATE: as per CUPE, Local 3912 Collective AgreementWORK ASSIGNMENTS:Fall Term 2014/2015 (September 1, 2014 – December 31, 2014)1. PHYC 1450X Astronomy and The Evolving Universe
2. PHYC 2451 AstronomyWinter Term 2014/2015 (January 1, 2015 – April 30, 2015)1. PHYC 1450Y Astronomy: The Evolving UniverseDuties include full responsibility for teaching. Reasonable office hours should be available to the students. All positions report to the Chair of the Department of Physics and Atmospheric Science.REQUIREMENTS OF POSITION: MSc required, PhD preferred in the area of physics, expertise in relevant area, and teaching experience at the university level.If you are interested in any of the above positions, please apply in writing to:Selection Committee
c/o Heather.Ann.Jennex@Dal.Ca
Department of Physics and Atmospheric Science
Sir James Dunn Building
Dalhousie University
Halifax, NS B3H 3J5All offers of employment as a part-time academic are conditional upon sufficient enrolment in the courses and approval by the University.Dalhousie University is an Employment Equity/Affirmative Action employer. The University encourages applications from qualified Aboriginal peoples, people with a disability, racially visible persons, and women.

