# DEPARTMENT OF MATHEMATICS AND STATISTICS
## Graduate and Teaching Assistant Positions Available
# FALL, 2020

***Deadline Date: Friday, July 31, 2020***
(These positions are subject to final budgetary approval and sufficient enrolment.)

In accordance with Article 12:01 of the CUPE 4580 Collective Agreement the Department of Mathematics and Statistics invites applications for Graduate Assistantship (GA) and Teaching Assistantship (TA) positions for Fall 2020.

All positions are open to GAs and TAs, with GA applicants given priority. Each GA position will be for a total of 140 hours. The total number of hours in a TA appointment will depend on the applications received and is anticipated to be in the range of approximately 30-100 hours per position. Each position can be comprised of a combination of any of the listed courses below, as needed. We have been allocated $25,000* (*projected TA budget for 2020/21) as well as 25 GA units by the Faculty of Science for the 2020-21 Academic Year.

Note: All teaching duties will be performed remotely for all online undergraduate and graduate courses for the Fall term.

| | | | DAY | TIME | LOCATION | DAY | TIME | LOCATION | Estimated Hours Needed |
|---|---|---|---|---|---|---|---|---|---|
| MATH 1250 | 01 | Linear Algebra I | T R | 100-220 | online | | | | 200 |
| MATH 1250 | 02 | Linear Algebra I | T R | 1000-1120 | online | | | | 100 |
| MATH 1260 | 01 | Vectors & Linear Algebra | M W | 400-550 | online | | | | 70 |
| MATH 1270 | 01 | Linear Algebra (Engineering) | M W | 230-350 | online | F | 830-920 | online | 120 |
| MATH 1270 | 02 | Linear Algebra (Engineering) | T R | 400-520 | online | F | 830-920 | online | 120 |
| MATH 1270 | 03 | Linear Algebra (Engineering) | T R | 830-950 | online | F | 830-920 | online | 120 |
| MATH 1720 | 01 | Differential Calculus (Engineers) | M W | 830-950 | online | | | | 200 |
| MATH 1720 | 02 | Differential Calculus (Engineers) | M W | 1000-1120 | online | | | | 200 |
| MATH 1720 | 03 | Differential Calculus (Open Section) | M W | 230-350 | online | | | | 200 |
| MATH 1720 | 04 | Differential Calculus (Open Section) | T R | 1130-1250 | online | | | | 200 |
| MATH 1760 | 01 | Functions and Differential Calculus | M W | 230-350 | online | F | 230-320 | online | 200 |
| MATH 1780 | 01 | Access to Differential Calculus | M W | 830-950 | online | F | 930-1020 | online | 50 |
| MATH 1980 | 01 | Mathematics for Business | T R | 830-950 | online | F | 830-920 | online | 180 |
| MATH 1980 | 02 | Mathematics for Business | M W | 830-950 | online | F | 930-1020 | online | 180 |
| MATH 2250 | 01 | Linear Algebra II | T R | 1130-1250 | online | F | 1230-120 | online | 60 |
| MATH 2780 | 01 | Vector Calculus | M W | 830-950 | online | F | 930-1020 | online | 200 |
| MATH 2790 | 01 | Differential Equations | M W | 1000-1120 | online | F | 1030-1120 | online | 200 |
| MATH 2790 | 02 | Differential Equations | T R | 100-220 | online | F | 130-220 | online | 180 |
| MATH 3200 | 01 | Abstract Algebra | T R | 830-950 | online | | | | 40 |
| MATH 3580 | 01 | Introduction to Analysis I | T R | 1000-1120 | online | F | 1030-1120 | online | 40 |
| MATH 3800 | 01 | Numerical Methods | M W | 400-520 | online | | | | 30 |
| MATH 3940 | 01 | Numerical Analysis for Comp. Scientists | M W | 1130-1250 | online | | | | 60 |
| STAT 2910 | 01 | Statistics for the Sciences | M W | 830-950 | online | F | 930-1020 | online | 100 |
| STAT 2910 | 91 | Statistics for the Sciences | DISTANCE EDUCATION | | | | | | 100 |
| STAT 2920 | 01 | Introduction to Probability | M W | 1130-1250 | online | F | 830-920 | online | 100 |
| STAT 2920 | 02 | Introduction to Probability | M W | 1130-1250 | online | F | 830-920 | online | 50 |

GA and TA appointments are offered to qualified applicants in accordance with the criteria specified in Article 12:03 and 12:04 of the CUPE 4580 Collective Agreement.

The following are additional essential qualifications required for all courses listed above:

- Must have taken the course with a minimum of 80%.
- Must have a GPA of at least 75%.
- Must have an average of at least 75% in all math and stats courses taken.
- Must have good communication skills.
- Must have access to a computer with a reliable internet connection with video and audio capabilities.
- Must be familiar with Blackboard and MS Teams or be able to acquire knowledge through training.

**NOTE**: Preference will be given to applicants who have background in mathematics and/or statistics.

*Eligibility Requirements*: Graduate students must maintain **fulltime** registration throughout the term of the contract and must be in good standing in the degree program to hold a GA position. Students who meet the **Phase I tuition refund deadline** are therefore not eligible to hold a GA**.** Undergraduate students must be **registered** throughout the term of the contract and must be in good standing in the degree program to hold a TA position.

**Note that Graduate Assistants must apply each term by the application deadline, in accordance with Article 13:**
"With respect to those students who have applied for and been accepted for Assistantships, the Assistant will not be paid for any shortfall of hours at the end of their respective program, provided the University has satisfied its obligation to post available positions each term in writing and on the AAU website and to offer the minimum terms of support in accordance with Article 13:01 (a) & (b) **and provided that the Assistant has applied in writing or via e-mail by the application deadline for each term until they have received the minimum terms of support in accordance with Article 13:01 (a) & (b).**"

*"In pursuit of the University of Windsor's Employment Equity Plan, members from the designated groups (Women, Aboriginal Peoples, Visible Minorities, Persons with Disabilities, and Members of Sexual Minorities) are encouraged to apply."*

Submit complete application **with a recent transcript** to Mr**.** Justin Lariviere by eMail at jlarivie@uwindsor.ca

**The duration of the positions are from September 14, 2020 to December 31, 2020.**