



On behalf of the Department of Mathematics & Statistics, we are writing to congratulate you on your performance in Discrete Mathematics and to encourage you to consider a major in mathematics, if you have not already done so. Given your strong performance in mathematics so far, you are likely to find further study in mathematics to be a very rewarding experience that will prepare you for many future careers. If you have not already declared mathematics as a major, we encourage you to do so as soon as possible so that you are eligible to receive scholarships directed at mathematics majors. If you have decided to complete a four-year degree in another subject area, we encourage you to consider declaring mathematics as a minor.

The department offers 3-year B.Sc. and B.A. degrees, 4-year B.Sc. and B.A. degrees, and a 4-year B.Sc. Honours degree. Further details concerning required courses for each of these degrees can be found on the department website (<http://www.uwinnipeg.ca/mathstats/>) under the link "Our Courses and Programs>Mathematics Program".

We also offer numerous scholarships and awards, which are discussed under the link "Awards/Scholarships". The department website contains profiles of each of our faculty members and you may contact any one of the department members if you require additional information or would like to discuss your future plans.

Studying mathematics develops analytical and problem-solving skills – assets that are highly valued by employers. A recent study ranked 200 professions according to environment, income, employment outlook, physical demands, and stress (<http://on.wsj.com/1iTeoQR>). Most of the top ten jobs included professions that require a high degree of training in mathematics. Many of our former students have continued their studies in mathematics and received graduate degrees at such universities as McGill, the University of Toronto, and the University of Waterloo. As well, several of our mathematics majors are preparing for careers as teachers, statisticians, and actuaries, to name a few.

Our department has a strong tradition of employing mathematics majors in summer research positions. Many of our students receive Undergraduate Research Awards from NSERC (The Natural Sciences and Engineering Research Council), to take part in mathematics research under the direction of a professor for a 16-week period during the summer months. In addition to these summer positions, the department employs a number of students throughout the term as graders and/or lab instructors.

The following courses, which may be of interest to you, are being offered by our department in the 2015 - 2016 academic year:

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| Intermediate Calculus I | MATH-2105 | Intermediate Calculus II | MATH-2106 |
| Linear Algebra II | MATH-2203 | Introduction to Number Theory | MATH-2501 |
| Differential Equations I | MATH-2102 | Differential Equations II | MATH-2103 |
| Linear Algebra III | MATH-3203 | Math Finance | MATH/STAT-2413. |

Once again, we congratulate you on your recent academic performance and wish you great success in your future studies. If you have any questions, please feel free to contact any member of the department or you may contact the department assistant, Julie Beaver, at 204-786-9834 and she will direct you to a specific department member. We look forward to seeing you in the future!

Sincerely,

Dr. Anna Stokke, Associate Professor of Mathematics