

# POST-SECONDARY RECRUITMENT: Mathematical Statisticians

Are you looking for a rewarding career?

At the Public Service of Canada, we believe in creating an environment that lets you be part of a dynamic team, while continuing with your professional development. We are also committed to work/life balance. Above all, we offer you an opportunity to make a difference to Canadians.

**Department Name:** Statistics Canada

**Location:** Ottawa

**Classification:** MA - 02 [for more information](#)

**Salary:** \$50,007 to \$57,893

**Closing Date:** October 11, 2011 - 23:59, Pacific Time [Useful Information](#)

**Reference Number:** STC11J-009189-000770

**Selection Process Number:** 11-STC-EA-NCR-672-062

**Employment Tenure:** The list of qualified candidates for this career choice may be used to fill both indeterminate and specified period positions.

**Vacancies:** 15 - 20

**Website:** For further information on the department, please visit [Statistics Canada](#)

For a brief job description, please consult the "Work Environment" section below, or for more detailed information, visit [the MA Recruitment site](#)

## Who Can Apply:

[Useful Information](#)

- Persons residing in Canada and Canadian citizens residing abroad.

## Citizenship

[Useful Information](#)

Preference will be given to Canadian citizens. Please indicate in your application the reason for which you are entitled to work in Canada: Canadian citizenship, permanent resident status or work permit.

## Language Proficiency

[Useful Information](#)

English or French essential

## Education

[Useful Information](#)

- A degree from a recognized university, by September 30, 2012, with specialization in:
  - 1) mathematics, statistics or operational researchor
  - 2) one of the physical, life or social sciences, combined with an acceptable number of university courses (normally 20 one-term courses / approximately 60 credits) in mathematics, statistics or operational research, of which at least 5 one-term courses (approximately 15 credits) must be in statistics.

Note: In their application, candidates must provide a list of the university courses taken to clearly demonstrate that they meet the education requirement. The list should include the courses which the candidates have already taken as well as any courses which they are or will be taking this academic year.

## **Other Merit Criteria and Conditions of Employment**

### CONDITIONS OF EMPLOYMENT:

Candidates for this career choice must be willing to accept a position in Ottawa.

Security Clearance: Reliability Status. This factor is not used at the preselection stage. The hiring department is responsible for the security clearance process.

## **Statement of Merit Criteria**

Applicants who meet the above criteria will also be assessed against the [Statement of Merit Criteria](#) for this position.

## **Test/Exam**

Candidates must successfully write the Knowledge and Ability Test for Mathematical Statisticians (MST), even if they have already passed this exam during a previous campaign. Among candidates who pass this test, interviews may be restricted to candidates with the highest scores.

Candidates applying to this career choice are NOT required to write the other post-secondary recruitment tests of Public Service Commission.

The MST testing session will be held on October 27, 2011 at 18:30 local time.

The test will be administered in different locations across Canada.

The travel expenses for candidates attending the MST test will not be reimbursed.

## **Work Environment**

Mathematical Statisticians (MAs) are responsible for survey methodology and related research activities. Their work is crucial to Statistics Canada. The quality of survey outputs and the costs of survey operations are heavily dependent on the survey methodology used.

As a mathematical statistician, your principle duties will consist of designing, implementing and evaluating survey and data analysis methods, typically in cooperation with multidisciplinary project teams. You may also work on research projects in various areas related to statistical

methods. As a new MA recruit, you will work closely with a more experienced MA. You will gain valuable experience that will enhance your professional skills and will allow you to advance to senior-level positions.

Throughout your career, you will be given a variety of opportunities for training and development. Your training could include courses covering topics such as advanced statistical methods, survey methodology, informatics, communication and management.

Statistics Canada has numerous programs and facilities designed for the benefit of its employees. Health and safety, respect and fairness, flexible work arrangements, a sense of belonging and recognition and workplace wellness are at the heart of our organizational culture.

For more information, consult the mathematical statisticians (MA) recruitment section of the Statistics Canada website under: Careers at StatCan > Recruitment and Development Programs.

You can also contact us by e-mail at [MA-Recruitment@statcan.gc.ca](mailto:MA-Recruitment@statcan.gc.ca) or by phone at 1-888-321-3089.

## **Additional Requirements / Comments**

- Candidates must register for the Knowledge and Ability Test for Mathematical Statisticians (MST) at the location of their choice.
- Please note that all components of the Statement of Merit Criteria (knowledge, ability and personal suitability) will be assessed individually and candidates must pass each of these components and sub-elements to be considered further in the process.
- The asset qualifications may be used at any point in the process.
- Candidates must meet the essential qualifications to be appointed to a position. When selecting qualified candidates for appointment, any or all essential qualifications may be considered to determine the "right fit" for the specific vacancy being filled.
- A candidate may be appointed to a position even though he does not meet any or all of the asset qualifications, operational requirements or organizational needs. However, meeting these criteria is desirable and may be a deciding factor in choosing the person to be appointed.
- Indeterminate appointments resulting from this process will be considered part of Statistics Canada's MA Recruitment and Development Program. Individuals will be hired at the MA-02 level, and, will be promoted to the MA-03 level provided they meet the merit criteria and conditions of employment for the MA-03 level.

## **Information to be provided:**

You must provide the following information when submitting your application:

- Your resume.
- A list of the university courses taken to clearly demonstrate that you meet the education requirement. The list should include the courses you have taken as well as any courses that you are or will be taking this academic year.
- You must ensure that you select at least one employment type when submitting your application: [Employment Tenure](#)