

**2020 program admission requirements for students who entered UTSC in Fall 2019**  
**Department of Computer and Mathematical Sciences**  
**Nov 8, 2019; updated May 6, 2020**

This document lists the requirements for admission to the restricted programs in the Department of Computer and Mathematical Sciences, during the 2020 POST application periods. The requirements listed below will apply to you if you began as a first year student at UTSC in Fall 2019. All other students should refer to [this document](#).

While these requirements guarantee admission to our programs, it is possible that we will also admit some students who do not meet these requirements, depending on the pool of applicants.

Admission to co-op programs has additional requirements. Students should review the individual program descriptions in the Academic Calendar.

**Update 1:** CSCA48 and MATA37 are the only online courses offered in Summer 2020 that can be used to apply for a CMS Subject POST. To use these online courses, they must be taken at UTSC.

**Update 2:** MATA22 will be included in grade point average calculations only if doing so helps the student.

## Computer Science

### Minor in Computer Science

To apply, you must complete 4.0 credits, including all required A-level CSC and MAT courses (CSCA08, CSCA48, and one of CSCA67/MATA67, MATA22/A23, MATA30/A31/A32). You must not take any of these courses online during Summer 2020, with the exception of CSCA48 and MATA37 taken at UTSC. We will compute your grade point average over two courses: (1) CSCA48 and (2) either of CSCA67/MATA67, MATA22/A23, MATA30/A32 – we will use the course in which you received the highest grade.

If that average is at least 3.2 and you have at least a B in CSCA48 then you are guaranteed admission to the CS Minor Program.

### Specialist or Major in Computer Science.

To apply, you must complete 4.0 credits, including all required A-level CSC and MAT courses (CSCA08, CSCA48, CSC/MATA67, MATA22, MATA31, MATA37). You must not take any of these courses online during Summer 2020, with the exception of CSCA48 and MATA37 taken at UTSC. We will compute four weighted grade point averages using the following formulas, and take the largest value:

$$X1 = (CSCA48 + CSC/MATA67 + MATA37) / 3$$

$$X2 = (CSCA48 + CSC/MATA67 + MATA37 + 0.5*MATA31) / 3.5$$

$$X3 = (CSCA48 + CSC/MATA67 + MATA37 + MATA22) / 4$$

$$X4 = (CSCA48 + CSC/MATA67 + MATA37 + MATA22 + 0.5*MATA31) / 4.5$$

$$X = \max(X1, X2, X3, X4)$$

In other words, we take your grade point average over CSCA48, CSC/MATA67, and MATA37. If it helps you, we will include MATA22 at full weight and/or MATA31 at half-weight.

If X is at least 3.2 then you are guaranteed admission to the CS Specialist Program and to the CS Major program.

**Second chance:**

You may apply again to the CSC Specialist or Major if (1) you are enrolled in the Computer Science Minor **and** (2) you have completed 6.0 credits including the core A-level courses plus CSCB07, CSCB09, CSCB36 and at least one of MATB24 or STAB52. **You must not take any of these courses online during Summer 2020.** We will compute your grade point average across four courses: CSCB07, CSCB09, CSCB36 and either MATB24 or STAB52 – we will use the course in which you received the highest grade.

If that average is at least **3.2** then you are guaranteed admission to the CS Specialist Program and to the CS Major Program.

Admission to co-op programs has additional requirements. Students should review the individual program descriptions in the Academic Calendar.

## **Mathematics**

### **Major and Specialist in Mathematics**

To apply, you must complete 4.0 credits, including all required A-level CSC and MAT courses (CSCA08/A20, CSC/MATA67; MATA22, MATA31, MATA37). **You must not take any of these courses online during Summer 2020, with the exception of MATA37 taken at UTSC.** We will compute two grade point averages using the following formulas, and take the largest value:

$$X1 = (CSCA08/A20 + CSC/MATA67 + MATA31 + MATA37) / 4$$

$$X2 = (CSCA08/A20 + CSC/MATA67 + MATA31 + MATA37 + MATA22) / 5$$

$$X = \max(X1, X2)$$

In other words, we take your grade point average over CSCA08/A20, CSC/MATA67, MATA31 and MATA37. If it helps you, we will include MATA22.

If that average is at least **2.5** and you have at least a **B** in one of CSC/MATA67, MATA22 or MATA37, then you are guaranteed admission to the Math Specialist program.

If that average is at least **2.0** and you have at least a **B** in one of CSC/MATA67, MATA22 or MATA37, then you are guaranteed admission to the Math Major program.

Admission to co-op programs has additional requirements. Students should review the individual program descriptions in the Academic Calendar.

## Statistics

### Major in Statistics

To apply, you must complete 4.0 credits, including all required A-level CSC and MAT courses (CSCA08/A20, MATA22, MATA30/A31, MATA36/A37). You must not take any of these courses online during Summer 2020, with the exception of MATA37 taken at UTSC. We will compute two grade point averages using the following formulas, and take the largest value:

$$X1 = (CSCA08/A20 + MATA30/A31 + MATA36/A37) / 3$$

$$X2 = (CSCA08/A20 + MATA30/A31 + MATA36/A37 + MATA22) / 4$$

$$X = \max( X1, X2 )$$

In other words, we take your grade point average over CSCA08/A20, MATA30/A31, MATA36/A37. If it helps you, we will include MATA22.

If that average is at least 2.5 then you are guaranteed admission to the Statistics Major program.

#### Second chance:

You may apply again to the Statistics Major if you have completed 7.5 credits including the required A-level courses plus MATB24, MATB41, MATB42, STAB52, STAB57. You must not take any of these courses online during Summer 2020. We will compute your grade point average across five courses: MATB24, MATB41, MATB42, STAB52, STAB57.

If that average is at least 2.5 then you are guaranteed admission to the Statistics Major program.

### Specialist in Statistics

To apply, you must complete 4.0 credits, including all the core A-level CSC and MAT courses (CSCA08, CSCA48, MATA22, MATA30/A31, MATA36/A37). You must not take any of these courses online during Summer 2020 with the exception of CSCA48 and MATA37 taken at UTSC. We will compute two grade point averages using the following formulas, and take the largest value:

$$X1 = (CSCA08 + CSCA48 + MATA30/A31 + MATA36/A37) / 4$$

$$X2 = (CSCA08 + CSCA48 + MATA30/A31 + MATA36/A37 + MATA22) / 5$$

$$X = \max( X1, X2 )$$

In other words, we take your grade point average over CSCA08, CSCA48, MATA30/A31, MATA36/A37. If it helps you, we will include MATA22.

If that average is at least 2.6 then you are guaranteed admission to the Statistics Specialist program, Quantitative Finance Stream.

If that average is at least 2.75 then you are guaranteed admission to the Statistics Specialist program, Statistical Machine Learning and Data Science Stream

**Second chance:**

You may apply again to the Statistics Specialist if you have completed 7.5 credits including the core A-level courses plus MATB24, MATB41, MATB61, STAB52, STAB57. **You must not take any of these courses online during Summer 2020.** We will compute your grade point average across five courses: MATB24, MATB41, MATB61, STAB52, STAB57.

If that average is at least **2.6** then you are guaranteed admission to the Statistics Specialist program, Quantitative Finance Stream.

If that average is at least **2.75** then you are guaranteed admission to the Statistics Specialist program, Statistical Machine Learning and Data Science Stream

Admission to co-op programs has additional requirements. Students should review the individual program descriptions in the Academic Calendar.