

Computer Science Department

Probability and Statistics course equivalency for Computer Science

Course Equivalents for STAT 02.290 (Probability and Statistical Inference for Computing Systems)

For all students majoring in Computer Science, STAT 02.290 (Probability and Statistical Inference for Computing Systems) course could be substituted with the following courses:

1. STAT 02.360 (Probability and Random Variables) and
2. either STAT 02.361 (Mathematical Statistics) or STAT 02.320 (Concepts in Statistical Data Analysis)

OR

1. STAT 02.360 (Probability and Random Variables) and
 2. STAT 02.260 (Statistics I)
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Recommended Equivalents for STAT 02.290 for Math Minors

If you are a student majoring in Computer Science *and pursuing a minor in Mathematics* then consider taking the following two 300 level Math courses instead of STAT 02.290

1. STAT 02.360 (Probability and Random Variables) and
2. either STAT 02.361 (Mathematical Statistics) or STAT 02.320 (Concepts in Statistical Data Analysis)

According to description of undergraduate minor in Mathematics which can be found on their web site: STAT 02.320, STAT 02.360 and STAT 02.361 are elective courses for minor in Mathematics.

The department of Computer Science accepts STAT 02.360 and either STAT 02.361 or STAT 02.320 as a substitute for STAT 02.290, a required course in CS major. [The inverse is not true. STAT 02.290 does **not** count as a substitute for any 300-level STAT class(es).]

By taking STAT 02.360 and either STAT 02.361 or STAT 02.320 instead of STAT 02.290, you will be able to complete your BS in Computer Science with minor in Mathematics degree faster, i.e., you will need to take 3 credits less than otherwise.

As always, please meet with your advisors in Computer Science and Mathematics to ensure that you are on track for graduation.