# Statistical Computing Certificate

## Statistical Computing Certificate

Required:

| | | |
|---|---|---|
| STAT 1772 | Introduction to Statistical Methods [*] | 3 |
| STAT 3771/5771 | Applied Statistical Methods for Research | 3 |
| STAT 4772/5772 | Statistical Computing I | 3 |
| STAT 4782/5782 | Statistical Computing II | 3 |
| Electives: 6 hours from the following | | 6 |
| STAT 1780 | Introduction to Data Science [*] | |
| STAT 1782 | Data-Based Artificial Intelligence for All [*] | |
| STAT 3778/5778 | Spatial Data Analysis | |
| STAT 4773/5773 | Design and Analysis of Experiments | |
| STAT 4784/5784 | Introduction to Machine Learning | |
| Any other courses with the consent of the mathematics department | | |
| **Total Hours** | | **18** |

[*] Has prerequisite of satisfactory score on ALEKS exam.

## Related Programs

- Mathematics B.A.
- Mathematics: Statistics/Actuarial Science B.A.