# Mathematical Sciences: Mathematical Data Science 2023-2024 Broward College Transfer Guide 

## BROWARD COLLEGE

College of Arts, Sciences \& Education

Degree
Bachelor of Science in Mathematical Sciences: Mathematical Data Science Major Course Catalog

Majors: Mathematics, Mathematical Data Science, Statistics.

## Admission Requirements

- Completion of Associate in Arts (AA) degree
- Completion of all prerequisites with grade of C or higher
- Cumulative Transfer GPA: 2.0 or higher


## Special Notes

- We strongly encourage students to complete math and science courses every term to make satisfactory progress toward completing all prerequisites and AA degree prior to transfer.
- The additional lower (and upper) division courses below are required for this program. We encourage students to take these courses (as electives) prior to completing the AA.

PREREQUISITES
BC Course

| MAC 2311 Calculus and Analytical Geometry I | MAC 2311 |
| :--- | :--- |
| MAC 2312 Calculus and Analytical Geometry II | MAC 2312 |
| MAC 2313 Calculus and Analytical Geometry III | MAC 2313 |
| MAP 2302 Differential Equations | MAP 2302 |
| COP 1250C Programming 1 | COP 2250* |
| *Course equivalency substitutes and satisfies COP 2210 requirement for Data Science majors. Course content and outcomes are being updated; <br> students may be required to submit a syllabus for equivalency approval. |  |

Complete one of the following science courses with lab. See Special Notes above.

| BSC 2010 + BSC 2010L Introduction to Biology I + Lab |  |
| :--- | :--- |
| OR | BSC 2010 + Lab |
| BSC 2011 + BSC 2011L Introduction to Biology II + Lab | BSC 2011 + Lab |
| OR | CHM 1045 + Lab |
| CHM 1045 + CHM 1045L General Chemistry I + Lab | CHM 1046 + Lab |
| OR |  |
| CHM 1046 + CHM 1046L General Chemistry II + Lab | PHY 2048 + Lab |
| OR | PHY 2049 + Lab |
| PHY 2048 + PHY 2048L General Physics with Calculus I + Lab |  |
| OR |  |
| PHY 2049 + PHY 2049L General Physics with Calculus II + Lab |  |

## ADDITIONAL LOWER DIVISION COURSES

