

2025-2026 Academic Year

Requirements Effective Fall 2023

Min. Grad. Req: 120 Hrs, 30 UD Hrs., 2.0 GPA Institutional & Cumulative

Reviewed by: _____

Date: _____

(B.S.) DATA SCIENCE

Name & Student ID #

Expected Graduation Date:

General Education Requirements

- 3 THEO 110 Intro to Christianity
- 3 BLIT 210 Christian Scriptures
- 3 CMIN 310 Christian Living
- 2-3 Approved Stewardship Course* _____
- 3 ENGL 109 College Writing I
- 3 ENGL 210 College Writing II (APA)
- 3 COMM 105 Fundamentals of Communication
- 3 HIST 200 Western Civilization
- 3 Approved Social Science Course* _____
- 6 Approved Humanities Courses*

Select 3 hours from two different areas:

Fine Arts, Literature, Philosophy, or SPAN 212

- 3-8 Elementary Foreign Language I & II (SPAN 111/112 or FREN 101/102)
OR an approved Intercultural Understanding course*

- 6-7 Choose one Physical Science and one Biological Science – **one must include a lab***
Biological Science: _____
Physical Science: _____

- * See olivet.edu/registrar for an approved list of courses
- Students completing a minor must complete a minimum of 6 unique hours between major and minor.
- Students pursuing a double major or greater must complete a minimum of 20 unique hours (excludes supporting courses)

Major: 46 Hours (2.0 GPA Required)

- 3 BSNS 171 Computer Apps & Communication
- 3 BSNS 271 Computation & Management Support
- 3 COMP 150 Programming: Control Structures
- 2 COMP 246 Database Programming
- 3 COMP 250 Programming: Data Structures
- 3 COMP 445 Big Data
- 4 MATH 147 Calculus I (GER: MATH)
- 4 MATH 148 Calculus II
- 4 MATH 241 Statistics
- 4 MATH 261 Calculus III
- 3 MATH 330 Regression and Time Series
- 3 MATH 351 Linear Algebra
- 1 MATH 450 Senior Seminar in Mathematics
- 3 MATH 465 Probability
- 3 MATH 466 Mathematical Statistics

Required Minor or Second Major

Recommended Supporting Course:

- 2 COMP 247 Database Design and Administration
- 3 MATH 311 Discrete Mathematics
- 3 MATH 435 Biostatistics and Epidemiology