



# Program Overview ( 12 credits)

## Required Course\* (3 credits)

- CSE 012: Survey of Computer Science
- Exceptions:
  - Students with credit for CSE 001, contact Emily Ford ([eaf311@lehigh.edu](mailto:eaf311@lehigh.edu)) for an override to take CSE 012
  - Students with credit for CSE 002 should take CSE 160 (Introduction to Data Science) for the required course, which does *not* double count towards the elective courses.
  - BIS majors are encouraged to take BIS 335 and, subsequently, CSE 160 instead of CSE 012 for the required course; CSE 160 will not double count for the electives



## Elective Courses\* (9 credits) – choose any three of the following from at least **two** different subject areas:

- ACCT 398: Accounting Data and Analytics
- BIS 324: Business Data Management
- BIS 335: Application Development for Business
- BIS 348: Predictive Analytics in Business
- BIS 397: Advanced Topics in Business Analytics
- CSE 160: Introduction to Data Science
- ECO/MKT 325: Consumer Insights through Data Analysis
- ECO 247: Sabermetrics
- ECO 357: Econometrics
- ECO 360: Time Series Analysis
- ECO 367: Applied Microeconometrics
- FIN 334: Derivatives and Management of Risk
- FIN 335: Financial Management – Modeling
- FIN 336: Real Estate Finance
- MKT 326: Marketing Analytics in a Digital Space



*\*Must earn a grade of C- or higher.*

