Washington University in St. Louis

# Data Analytics

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## Requirements

### Certificate in Data Analytics

**Required Courses:** 12 units

| Code | Title | Units |
|---|---|---|
| DATA 140 | Data Fundamentals I | 1.5 |
| DATA 145 | Data Fundamentals II | 1.5 |
| Math 205 | Applied Statistics | 3 |
| | Experimental Learning in Data Analytics (New course -- Coming soon!) | 3 |
| | Communicating, Leading, and Problem-Solving with Data (New course -- Coming soon!) | 3 |
| **Total Units** | | **12** |

**Elective Courses** (6 units chosen from the following list):

| Code | Title | Units |
|---|---|---|
| Math 124 | Introduction to (Statistical) Programming with R | 3 |
| Math 133 | Programming with Python | 3 |
| DATA 206 | Data Analysis and Visualization in Tableau | 3 |
| Math 224 | Advanced Data Visualization (with R) | 3 |
| Math 230 | Introduction to Data Science with Python | 3 |