# Schedule

## Fall 2020

**Note:** Schedule is subject to change. The course MS Teams site is the official source for due dates for all assessments and evaluations.

| Week | Class | Date | Class Activity | Lesson | Formative Assessments | Summative Evaluations |
|------|-------|------|----------------|--------|-----------------------|------------------------|
| **0** | 0 | pre-course | | About This Course | | |
| **1** | 1 | Wed 09-Sep | Live introductions | Getting Started | | |
| | 2 | Fri 11-Sep | Check-in | Introduction to Python, Ch. 1 - Python Basics | | Assignment 1 |
| **2** | 3 | Mon 14-Sep | Check-in | Introduction to Python, chs. 2-4 | Self-Assessment 1 | |
| | 4 | Wed 16-Sep | Check-in | | | |
| | 5 | Fri 18-Sep | Check-in | Intermediate Python | | Demo |
| **3** | 6 | Mon 21-Sep | Check-in | Pandas Foundations | | Assignment 2 |
| | 7 | Wed 23-Sep | Check-in | | Demo Peer Assessment | (you should form a team for Project 1 by the end of this week) |
| | 8 | Fri 25-Sep | Check-in | Manipulating DataFrames with pandas | | |
| **4** | 9 | Mon 28-Sep | Check-in | | Self-Assessment 2 | |
| | 10 | Wed 30-Sep | Check-in | | | |

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|------|-------|------|----------------|--------|----------------------|----------------------|
|  | 11 | Fri 02-Oct | Check-in | Merging DataFrames with pandas |  | Demo |
| 5 | 12 | Mon 05-Oct | Check-in |  |  | Assignment 3 |
|  | 13 | Wed 07-Oct | Check-in | Intro to Data Visualization with Matplotlib or Seaborn | Demo Peer Assessment |  |
|  | 14 | Fri 09-Oct | Check-in |  |  |  |
| 6 |  | Mon 12-Oct | Thanksgiving Day - University closed |  | Self-Assessment 3 |  |
|  | 15 | Wed 14-Oct | Check-in | Single Unit Data |  |  |
|  | 16 | Fri 16-Oct | Check-in |  |  | Project 1 |
| 7 | 17 | Mon 19-Oct | Check-in |  | Project 1 Peer Assessment | Demo |
|  | 18 | Wed 21-Oct | Check-in |  |  |  |
|  | 19 | Fri 23-Oct | Check-in |  | Demo Peer Assessment | Portfolio Submission 1 |
| 8 | 20 | Mon 26-Oct | Check-in | EEG & ERP | Self-Assessment 4 | Assignment 4 |
|  | 21 | Wed 28-Oct | Check-in |  |  |  |
|  | 22 | Fri 30-Oct | Check-in |  |  | Demo |

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|------|-------|------|----------------|--------|----------------------|----------------------|
| **9** | 23 | Mon 02-Nov | Check-in | | | |
| | 24 | Wed 04-Nov | Check-in | | Demo Peer Assessment | |
| | 25 | Fri 06-Nov | Check-in | | Self-Assessment 5 | Assignment 5 |
| | | Mon 09-Nov | Study break | | | (You should form a team, and pick a topic, for Project 2 by the end of this week) |
| | | Wed 11-Nov | Study break | | | |
| | | Fri 13-Nov | Study break | | | |
| **10** | 26 | Mon 16-Nov | Check-in | Biomedical Image Analysis with Python | | |
| | 27 | Wed 18-Nov | Check-in | MRI | | |
| | 28 | Fri 20-Nov | Check-in | | | Demo |
| **11** | 29 | Mon 23-Nov | Check-in | | Self-Assessment 6 | |
| | 30 | Wed 25-Nov | Check-in | | Demo Peer Assessment | |
| | 31 | Fri 27-Nov | Check-in | | | Assignment 6 |
| **12** | 32 | Mon 30-Nov | Check-in | Working on Project 2 for rest of term | | |
| | 33 | Wed 02-Dec | Check-in | | | |

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|------|-------|------|----------------|--------|----------------------|----------------------|
|  | 34 | Fri 04-Dec | Check-in |  |  | Demo |
| **13** | 35 | Mon 07-Dec | Check-in |  | Self-Assessment 7 |  |
|  | 36 | Tue 08-Dec |  |  | Demo Peer Assessment | Project 2 |
|  | 37 | Wed 09-Dec |  |  | Project 2 Peer Assessment | Portfolio Submission 2 |