# Spring 2021 Stat 216 Calendar for Online Sections

GS = Gradescope; D2L = Brightspace Desire to Learn; DP = Discussion post

| Week | In-Class Date | Activity | Before class - Reading | Before class - Videos | Due at 11pm MST |
|---|---|---|---|---|---|
| 1 | M 1/11 | | | | |
| | W 1/13 | | | | |
| | F 1/15 | Martian Alphabet | §1.1; §1.2 | • Course_Tour<br>• Instructor bio<br>• 1.2.1_1.2.2<br>• 1.2.3_1.2.4_1.2.5<br>• Starting with R | **Last day to ADD online** |
| | Sun 1/17 | -- | | | D2L: DP - Selection of 5 |
| 2 | M 1/18 | | | | |
| | W 1/20 | | | | GS: Assign. 1 |
| | F 1/22 | Study Design | §1.3; §1.4; §1.5; §1.6; §1.8 | • 1.3<br>• 1.4to1.6 | *GS: Project Research Question* |
| | Sun 1/24 | -- | | | D2L: DP - Chocolate |
| 3 | M 1/25 | | | | **Last day to ADD with ADD/DROP form;**<br>**Last day to DROP online** |
| | W 1/27 | | | | GS: Assign. 2 |
| | F 1/29 | What's the Probability? | §1.7; §2.1; §2.2 | • 2.1<br>• 2.2<br>• Mosaic Plots | *GS: Project Study Design* |
| | Sun 1/31 | -- | | | D2L: DP - Probability |
| 4 | M 2/1 | | | | **Last day to DROP without a W** |
| | W 2/3 | | | | GS: Assign. 3 |
| | F 2/5 | IMDb Movie Reviews | §2.3; §2.4; §2.5 | 2.3 | |
| | Sun 2/7 | -- | | | D2L: DP - R Tutorial |
| 5 | M 2/8 | | | | |
| | W 2/10 | | | | GS: Assign. 4 |
| | F 2/12 | Movie Profits | §3.1; §3.2; §3.3; §3.4; §3.5; §4.1; §4.2; §4.4 | • Chapter3<br>• Chapter4 | *GS: Project Data* |
| | Sun 2/14 | -- | | | D2L: DP - Simpson's Paradox |
| 6 | M 2/15 | | | | |

| | | | | | |
|---|---|---|---|---|---|
| | W 2/17 | | | | GS: Assign. 5 |
| | F 2/19 | Handedness of Male Boxers: Testing | §5.1; §5.2; §5.3 | • 5.1<br>• 5.2<br>• 5.3 – Testing<br>• OnePropTheory – Testing | |
| | Sat 2/20 | -- | | | |
| | Sun 2/21 | -- | | | D2L: DP - Gerrymandering |
| 7 | M 2/22 | | | | |
| | W 2/24 | | | | |
| | F 2/26 | **EXAM 1** | | | |
| | Sun 2/28 | -- | | | **GS: Exam 1 Case Study Due** |
| 8 | M 3/1 | | | | |
| | W 3/3 | | | | GS: Assign. 6 |
| | F 3/5 | Handedness of Male Boxers: Estimation | §5.1; §5.2; §5.3 | • 5.1 (review)<br>• 5.2 (review)<br>• 5.3 – Confidence Intervals<br>• OnePropTheory – Confidence Intervals | *GS: Project Descriptive Statistics* |
| | Sun 3/7 | -- | | | D2L: DP - TBD |
| 9 | M 3/8 | | | | |
| | W 3/10 | | | | GS: Assign. 7 |
| | F 3/12 | Winter Sports Helmet Use and Head Injuries: Testing | §5.4; §5.5; §5.6; §5.7; §5.8 | • 5.4 - Testing<br>• 5.5<br>• TwoPropSim - Testing<br>• Errors_Power | |
| | Sun 3/14 | -- | | | D2L: DP - Two Proportion |
| 10 | M 3/15 | | | | |
| | W 3/17 | | | | GS: Assign. 8 |
| | F 3/19 | Winter Sports Helmet Use and Head Injuries: Estimation | §5.4; §5.5; §5.6; §5.7; §5.8 | • 5.4 – Confidence Intervals<br>• TwoPropSim – Confidence Intervals | |
| | Sun 3/21 | -- | | | D2L: DP - Two Proportion |
| 11 | M 3/22 | | | | |
| | W 3/24 | | | | GS: Assign. 9 |
| | F 3/26 | COVID-19 and Air Pollution | §6.1; §6.2 | • 6.1<br>• 6.2<br>• OneMeanTheory | |

| | | | | | |
|---|---|---|---|---|---|
| | Sun 3/28 | -- | | | D2L: DP - Paired |
| **12** | M 3/29 | | | | |
| | W 3/31 | | | | GS: Assign. 10 |
| | F 4/2 | *No Class – Complete* Weather Patterns and Record Snowfall *activity outside of class* | §6.3; §6.4; §6.5; §6.6 | • 6.3 <br> • TwoMeanRand | |
| | Sun 4/4 | -- | | | D2L: DP - Song Study |
| **13** | M 4/5 | | | | |
| | T 4/6 | -- | | | **Last day to DROP** |
| | W 4/7 | | | | GS: Assign. 11 |
| | F 4/9 | Moneyball | §7.1; §7.2; §7.3 | • 7.1and7.2 <br> • RegressionSim | |
| | Sun 4/11 | -- | | | D2L: DP - SLR |
| **14** | M 4/12 | | | | |
| | W 4/14 | | | | GS: Assign. 12 |
| | F 4/16 | **EXAM 2** | | | *GS: Project Inferential Statistics* |
| | Sun 4/18 | -- | | | GS: Exam 2 Case Study Due |
| **15** | M 4/19 | | | | |
| | W 4/21 | | | | |
| | F 4/23 | Looking ahead | | | |
| | Sun 4/25 | -- | | | D2L: DP – Selection of 5 Revisited <br> *D2L: Project Presentation* |
| **Finals** | M–F 4/26–4/30 | Group project presentations | | | |