

Course Schedule, Semester 1, February – July, 2017.
 STAT2201 – Analysis of Engineering and Scientific Data (taught jointly with CIVL2530).
 The University of Queensland.

Coordinator and Lecturer: [Dr. Yoni Nazarathy](#), Lecturer: [Dr Melanie Robertson-Dean](#), Super-Tutor: Hayden Klok.

See <https://courses.smp.uq.edu.au/STAT2201/2017a/stat2201.html> for more information.

- There are 10 lectures. Each lecture is 2 hours long with two streams:
 - Stream 1, Yoni Nazarathy, Mondays 2pm - 4pm, 63-348.
Lecturer consultation time: Thursdays 11am, 67-753.
 - Stream 2, Melanie Robertson-Dean, Wednesdays 1pm – 3 pm, 03-206.
Lecturer consultation time: Fridays 9am, 67-447.
- There are 6 tutorial meetings during the semester, each mapping to a homework assignment. The purpose of the tutorials is to help students prepare for individual work on the homework assignments (after the tutorial).
- There is a 2 hour final exam during the examination period, June 2017.

Detailed Semester Schedule					
Week	Dates (M-F)	Lectures	Tutorial	Assignment Due	Lecturer Consultation Hours
1	27/2 - 3/3	Unit 1	NO TUTORIAL	-	Yes
2	6/3 – 10/3	Unit 2	NO TUTORIAL	-	Yes
3	13/3 – 17/3	Unit 3	Assignment 1	-	Yes
4	20/3 – 24/3	Unit 3	NO TUTORIAL	Assignment 1 due 24/3	Yes
5	27/3 – 31/3	Unit 4 and Unit 5	Assignment 2	-	Yes
6	3/4 – 7/4	Unit 6	Assignment 3 + A few storm makeup Tutorials for Assignment 2	Assignment 2 due 11/4 (date moved due to Storm)	Yes
7	10/4 – 15/4	Unit 7	NO TUTORIAL	Assignment 3 due 13/4 (Thu)	Yes
Semester Break	17/4 – 21/4	NO LECTURE	NO TUTORIAL	-	No
8	24/4 – 28/4	Unit 8 and Unit 9	Assignment 4 (except Tuesday)	-	Yes
9	1/5 – 5/5	NO LECTURE	Assignment 4 (Tuesday only)	Assignment 4 due 5/5	Yes
10	8/5 – 12/5	Unit 9 and Unit 10	Assignment 5	-	Yes
11	15/15 – 19/5	Revision Lecture	Assignment 6	Assignment 5 due 19/5	Yes
12	22/5 – 26/5	NO LECTURE	NO TUTORIAL	Assignment 6 due 26/5	Yes
13	29/5 – 2/5	NO LECTURE	NO TUTORIAL	-	Yes

Schedule mapped to study units following parts of Applied Statistics and Probability for Engineers, by D. C. Montgomery and G. C. Runger				
Unit	Hours in Lecture	Title	Supplementary Reading Material	Assessed in
1	2	Introduction + Julia (brief intro)	From Ch1	Assignment 1
2	2	Probability + Monte Carlo	From Ch2 + Monte Carlo Handout	Assignment 1
3	4	Distributions	From Ch3, Ch4	Assignment 2
4	1	Joint Distributions	From Ch5	Assignment 3
5	1	Descriptive Stats	From Ch6	Assignment 3
6	2	Statistical Inference Ideas	From Ch7, Ch8, Ch9	Assignments 3 and 4
7	2	Single Sample Inference	From Ch8, Ch9	Assignments 4 and 5
8	1	Two Sample Inference	From Ch10	Assignment 5
9	2	Linear Regression	From Ch11	Assignment 6
10	1	Further Stats Overview	Selected bits Remainder of book	Assignment 6