

Course Schedule, Semester 1, February – July, 2018.

STAT2201 – Analysis of Engineering and Scientific Data (including the Prob & Stats component of CIVL2530).

The University of Queensland.

Coordinator and Lecturer: [Dr. Yoni Nazarathy](#), Lecturer: [Dr. Radislav \(Slava\) Vaisman](#), Super-Tutor: [Dr. Vincent Mellor](#).

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

- There are 10 lectures. Each lecture is 2 hours long with two streams:
 - Stream 1, Yoni Nazarathy, Mondays 2pm - 4pm, 42-216.
Lecturer consultation time: Thursdays 12pm – 1pm, 67-753.
 - Stream 2, Slava Vaisman, Wednesdays 10am-12pm, 01-E109.
Lecturer consultation time: Tuesdays 2pm – 3pm, 67-450.
- 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.
- CIVL2530 students should attend both civil and stat (details below) activities. See the [CIVL2530 course profile](#) for the time table of the CIVL2530 activities.

Detailed Semester Schedule					
Week	Dates (M-F)	Stat Lectures	Stat Tutorial	Assignment Due	Lecturer Consultation Hours
1	19/2 – 23/2	Unit 1	NO TUTORIAL	-	Yes
2	26/2 – 2/3	Unit 2	NO TUTORIAL	-	Yes
3	5/3 – 9/3	Unit 3	Tutorial: Ass 1	-	Yes
4	12/3 – 16/3	Unit 3	Tutorial: Ass 2	Assignment 1 due 16/3	Yes
5	19/3 – 23/3	Unit 4 and Unit 5	Tutorial: Ass 3	-	Yes
6	26/3 – 29/3 (no Friday)	Unit 6	NO TUTORIAL	Assignment 2 due 29/3 (Thu)	Yes
Semester Break	30/3 – 15/4	NO LECTURE	NO TUTORIAL NO TUTORIAL	Assignment 3 due 13/4	No
Semester Break					
7	16/4 – 20/4	Unit 7	NO TUTORIAL	-	Yes
8	23/4 – 27/4 (no Wed)	NO LECTURE	NO TUTORIAL	-	No
9	30/4 – 4/5	Unit 8 and Unit 9	Tutorial: Ass 4	-	Yes
10	8/5 – 11/5 (no Monday)	NO LECTURE	NO TUTORIAL	Assignment 4 due 11/5	Yes
11	14/5 – 18/5	Unit 9 and Unit 10	Tutorial: Ass 5	-	Yes
12	21/5 – 25/5	Revision Lecture	Tutorial: Ass 6	Assignment 5 due 25/5	Yes
13	28/5 – 1/6	NO LECTURE	NO TUTORIAL	Assignment 6 due 1/6	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