
"There must be some mistake. According to our
actuary tables I'm going to live to 83 ."
Introduction
SASSU hosts academic and grad school seminars, industry talks, socials and games afternoons for statistics and actuarial science students and faculty.

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## SASSU Executive

ACT 240H1F Mathematics of Investment \& Credit
Instructor(s): K. Sharp

| Enr: 162 | Resp: 86 |  |  |  |  | Retake: $58 \%$ |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 1 | 2 | 7 | 13 | 33 | 24 | 18 | 5.2 |
| Explains | 1 | 0 | 13 | 11 | 33 | 26 | 14 | 5.1 |
| Communicates | 2 | 1 | 3 | 8 | 29 | 28 | 26 | 5.5 |
| Teaching | 2 | 0 | 5 | 11 | 30 | 29 | 19 | 5.3 |
| Workload | 0 | 1 | 2 | 45 | 29 | 19 | 2 | 4.7 |
| Difficulty | 0 | 1 | 4 | 32 | 34 | 17 | 9 | 4.9 |
| Learn Exp | 0 | 4 | 12 | 28 | 33 | 15 | 6 | 4.6 |

Students found the instructor very organized and enthusiastic. Some students complained about the difficulties and format of the tests.

## ACT 247H1S Introductory Life Contingencies

Instructor(s): X. Liu

| Enr: 102 | Resp: 47 |  |  |  | Retake: $48 \%$ |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 2 | 2 | 17 | 17 | 30 | 19 | 10 | 4.7 |
| Explains | 4 | 4 | 19 | 17 | 31 | 10 | 12 | 4.5 |
| Communicates | 4 | 4 | 11 | 22 | 20 | 20 | 15 | 4.8 |
| Teaching | 4 | 2 | 18 | 24 | 26 | 13 | 11 | 4.5 |
| Workload | 0 | 0 | 0 | 42 | 42 | 6 | 8 | 4.8 |
| Difficulty | 0 | 0 | 2 | 22 | 40 | 22 | 13 | 5.2 |
| Learn Exp | 2 | 5 | 2 | 33 | 36 | 13 | 5 | 4.6 |

Students complained that the level of difficult of the tests was too high and the lectures tried to cover too much material.

## ACT 348H1F Advanced Life Contingencies

Instructor(s): S. Lin

| Enr: 131 | Resp: 56 |  |  |  |  | Retake: $39 \%$ |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 15 | 13 | 21 | 25 | 9 | 11 | 1 | 3.4 |


| Explains | 0 | 13 | 25 | 31 | 11 | 11 | 5 | 4.0 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Communicates | 7 | 5 | 27 | 25 | 21 | 11 | 0 | 3.8 |
| Teaching | 3 | 7 | 31 | 29 | 9 | 11 | 5 | 3.9 |
| Workload | 0 | 2 | 10 | 25 | 29 | 27 | 6 | 4.9 |
| Difficulty | 0 | 4 | 4 | 12 | 27 | 33 | 18 | 5.4 |
| Learn Exp | 10 | 17 | 24 | 10 | 24 | 10 | 3 | 3.7 |

ACT 349H1F Corporate Finance for Actuarial Science Mathematics Instructor(s): K. Sharp

| Enr: 90 | Resp: 66 |  |  |  | Retake: 48\% |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 4 | 1 | 6 | 30 | 43 | 7 | 6 | 4.5 |
| Explains | 6 | 0 | 13 | 24 | 41 | 9 | 4 | 4.4 |
| Communicates | 6 | 0 | 7 | 10 | 31 | 29 | 14 | 5.1 |
| Teaching | 4 | 0 | 3 | 18 | 49 | 21 | 3 | 4.8 |
| Workload | 1 | 1 | 1 | 28 | 25 | 18 | 23 | 5.2 |
| Difficulty | 3 | 1 | 3 | 28 | 34 | 14 | 15 | 4.9 |
| Learn Exp | 9 | 2 | 4 | 37 | 20 | 16 | 9 | 4.4 |

Students felt that the course was difficult but the instructor was fine, organized and enthusiastic. Many complained about the value of the tutorial and the TA's poor teaching skills.

ACT 370H1S Asset and Liability Management
Instructor(s): S. Broverman
Enr: 140 Resp: 77 Retake: 64\%

|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Presents | 2 | 1 | 11 | 31 | 18 | 22 | 11 | 4.8 |
| Explains | 0 | 1 | 5 | 15 | 28 | 33 | 15 | 5.4 |
| Communicates | 0 | 0 | 1 | 10 | 25 | 40 | 22 | 5.7 |
| Teaching | 0 | 0 | 0 | 5 | 26 | 50 | 17 | 5.8 |
| Workload | 0 | 1 | 4 | 45 | 30 | 10 | 8 | 4.7 |
| Difficulty | 0 | 1 | 2 | 29 | 36 | 21 | 9 | 5.0 |
| Learn Exp | 0 | 0 | 3 | 28 | 39 | 21 | 7 | 5.0 |

Students thought the lecture notes were a little messy and that the pace was a little too fast. However, Broverman was generally praised.

ACT 451H1F Risk Theory
Instructor(s): S. Lin

| Enr: 125 | Resp: 64 |  |  |  | Retake: 54\% |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 8 | 9 | 19 | 29 | 20 | 8 | 4 | 3.9 |
| Explains | 1 | 0 | 32 | 19 | 29 | 12 | 4 | 4.3 |
| Communicates | 3 | 4 | 15 | 28 | 28 | 12 | 6 | 4.4 |
| Teaching | 3 | 3 | 17 | 30 | 25 | 12 | 7 | 4.4 |
| Workload | 1 | 0 | 5 | 50 | 28 | 8 | 6 | 4.6 |
| Difficulty | 0 | 0 | 6 | 43 | 31 | 8 | 10 | 4.7 |
| Learn Exp | 5 | 0 | 10 | 27 | 13 | 5 | 7 | 4.2 |

ACT 455H1S Advanced Topics in Actuarial Mathematics
Instructor(s): S. Broverman

| Enr: 115 | Resp: 50 |  |  |  |  | Retake: $57 \%$ |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 2 | 8 | 18 | 26 | 18 | 26 | 5.3 |
| Explains | 0 | 0 | 0 | 12 | 32 | 24 | 30 | 5.7 |
| Communicates | 0 | 0 | 2 | 22 | 14 | 31 | 29 | 5.6 |
| Teaching | 0 | 0 | 0 | 8 | 29 | 20 | 41 | 6.0 |
| Workload | 0 | 2 | 0 | 34 | 20 | 26 | 16 | 5.2 |
| Difficulty | 0 | 2 | 0 | 16 | 39 | 27 | 14 | 5.3 |
| Learn Exp | 0 | 6 | 3 | 37 | 31 | 6 | 13 | 4.7 |

Some students felt that the marking scheme was unfairly distributed and the lecture organization could have been improved, but overall students praised the instructor.

## 2 ACTUARIAL SCIENCE \& STATISTICS

## ACT 460H1F Estimation of Survival \& Loss Models

Instructor(s): S. Lin

| Enr: 44 | Resp: 15 |  |  |  |  | Retake: 61\% |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 13 | 20 | 20 | 26 | 6 | 13 | 4.3 |
| Explains | 0 | 0 | 13 | 26 | 40 | 6 | 13 | 4.8 |
| Communicates | 0 | 0 | 13 | 33 | 26 | 20 | 6 | 4.7 |
| Teaching | 0 | 0 | 6 | 26 | 46 | 6 | 13 | 4.9 |
| Workload | 6 | 0 | 0 | 66 | 26 | 0 | 0 | 4.1 |
| Difficulty | 6 | 0 | 0 | 66 | 20 | 6 | 0 | 4.1 |
| Learn Exp | 0 | 0 | 11 | 55 | 22 | 11 | 0 | 4.3 |

## ACT 466H1S Credibility Theory \& Loss Models

Instructor(s): S. Broverman

| Enr: 123 | Resp: 48 |  |  |  | Retake: 65\% |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 0 | 6 | 23 | 25 | 29 | 14 | 5.2 |
| Explains | 0 | 0 | 2 | 12 | 25 | 35 | 25 | 5.7 |
| Communicates | 0 | 0 | 0 | 27 | 19 | 29 | 23 | 5.5 |
| Teaching | 0 | 0 | 0 | 4 | 25 | 40 | 29 | 6.0 |
| Workload | 0 | 0 | 8 | 56 | 15 | 10 | 8 | 4.5 |
| Difficulty | 0 | 0 | 4 | 43 | 26 | 17 | 8 | 4.8 |
| Learn Exp | 0 | 0 | 4 | 28 | 40 | 20 | 8 | 5.0 |

Broverman was praised for his presentation of the material.

## ACT 471H1S Actuarial Applications of Finance

Instructor(s): R. Stapleford

| Enr: 131 | Resp: 48 |  |  |  |  | Retake: 34\% |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 2 | 4 | 12 | 33 | 25 | 20 | 2 | 4.5 |
| Explains | 2 | 10 | 27 | 27 | 20 | 10 | 2 | 3.9 |
| Communicates | 0 | 8 | 14 | 25 | 25 | 16 | 10 | 4.6 |
| Teaching | 4 | 6 | 18 | 20 | 29 | 16 | 4 | 4.3 |
| Workload | 0 | 0 | 2 | 12 | 16 | 31 | 37 | 5.9 |
| Difficulty | 2 | 0 | 2 | 19 | 25 | 23 | 27 | 5.5 |
| Learn Exp | 6 | 10 | 13 | 30 | 23 | 16 | 0 | 4.0 |

Students complained that the amount of material covered was too much, and it wasn't presented in an interesting manner. The assignments were found to be ambiguous but students appreciated the instructor's passion for the material.

## STA 107H1F An Introduction to Probability and Modelling

 Instructor(s): Z. Jin| Enr: 70 | Resp: 28 |  |  |  |  | Retake: 65\% |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 8 | 16 | 16 | 32 | 20 | 8 | 4.6 |
| Explains | 0 | 12 | 16 | 37 | 12 | 16 | 4 | 4.2 |
| Communicates | 0 | 16 | 8 | 40 | 24 | 12 | 0 | 4.1 |
| Teaching | 0 | 4 | 16 | 32 | 24 | 16 | 8 | 4.6 |
| Workload | 0 | 0 | 4 | 78 | 17 | 0 | 0 | 4.1 |
| Difficulty | 0 | 0 | 3 | 57 | 26 | 11 | 0 | 4.5 |
| Learn Exp | 4 | 14 | 4 | 38 | 23 | 14 | 0 | 4.0 |

Jin was approachable. However, the class pace was criticized for "going too fast".

## STA 220H1F The Practice of Statistics I

Instructor(s): A. Vukov

| Enr: 269 | Resp: 108 |  |  |  |  | Retake: 54\% |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 1 | 8 | 28 | 25 | 26 | 9 | 4.9 |
| Explains | 0 | 0 | 10 | 21 | 31 | 25 | 11 | 5.0 |
| Communicates | 0 | 0 | 0 | 18 | 39 | 22 | 18 | 5.4 |
| Teaching | 0 | 0 | 2 | 19 | 33 | 31 | 12 | 5.3 |
| Workload | 0 | 0 | 7 | 42 | 25 | 20 | 4 | 4.7 |


| Difficulty | 0 | 0 | 13 | 38 | 25 | 15 | 6 | 4.6 |
| :--- | :--- | :--- | ---: | :--- | :--- | ---: | :--- | :--- |
| Learn Exp | 3 | 2 | 7 | 46 | 30 | 4 | 4 | 4.3 |

Vukov was very enthusiastic, available for consultation, and explained concepts clearly and effectively.

| Instructor(s): H. Moshonov |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | :---: |
| Enr: 162 | Resp: 94 |  |  |  |  |  |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |  |
| Presents | 1 | 0 | 2 | 5 | 17 | 39 | 35 | 6.0 |  |
| Explains | 1 | 0 | 1 | 6 | 20 | 38 | 32 | 5.9 |  |
| Communicates | 0 | 0 | 2 | 3 | 18 | 30 | 45 | 6.1 |  |
| Teaching | 1 | 0 | 2 | 2 | 16 | 36 | 41 | 6.1 |  |
| Workload | 0 | 0 | 8 | 48 | 27 | 10 | 4 | 4.5 |  |
| Difficulty | 0 | 2 | 5 | 57 | 20 | 13 | 1 | 4.4 |  |
| Learn Exp | 0 | 1 | 7 | 38 | 28 | 21 | 2 | 4.7 |  |

The instructor was enthusiastic, organized and clear. She put in extra time to make sure that students understood the material. She gave effective examples and was helpful during office hours. Overall, most students thought she was a good instructor.

Instructor(s): M. Samarakoon

| Enr: 185 | Resp: 109 |  |  |  | Retake: 72\% |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 0 | 1 | 6 | 18 | 24 | 44 | 6.1 |
| Explains | 0 | 0 | 0 | 4 | 10 | 25 | 59 | 6.4 |
| Communicates | 0 | 0 | 1 | 2 | 15 | 32 | 47 | 6.2 |
| Teaching | 0 | 0 | 0 | 1 | 11 | 34 | 50 | 6.3 |
| Workload | 0 | 0 | 4 | 55 | 13 | 19 | 4 | 4.6 |
| Difficulty | 0 | 0 | 11 | 54 | 14 | 13 | 2 | 4.3 |
| Learn Exp | 0 | 1 | 3 | 43 | 25 | 17 | 9 | 4.8 |

Students felt that the instructor was concise, enthusiastic and entertaining. The lectures were very structured and going over past exam questions in lecture was great preparation. Overall, he was a very effective instructor.

## STA 221H1S The Practice of Statistics II

Instructor(s): A. Vukov
Enr: 102
Resp: 51
Retake: 31\%

|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Presents | 0 | 2 | 8 | 18 | 34 | 30 | 8 | 5.1 |
| Explains | 0 | 1 | 11 | 15 | 37 | 21 | 11 | 5.0 |
| Communicates | 0 | 0 | 3 | 19 | 31 | 33 | 11 | 5.3 |
| Teaching | 0 | 0 | 1 | 19 | 43 | 27 | 7 | 5.2 |
| Workload | 0 | 0 | 4 | 30 | 32 | 26 | 6 | 5.0 |
| Difficulty | 0 | 2 | 2 | 26 | 34 | 28 | 6 | 5.0 |
| Learn Exp | 2 | 2 | 17 | 48 | 17 | 11 | 0 | 4.1 |

Students found the instructor to be organized and clear; however, students complained a 4-hour lecture was too demanding at one time. Many students found the computer program used in the course (Minitab) not to be the best computing experience.

STA 247H1F Probability with Computer Applications
Instructor(s): N. Montgomery

| Enr: 93 | Resp: 40 |  |  |  | Retake: 45\% |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 2 | 2 | 5 | 40 | 30 | 20 | 5.5 |
| Explains | 0 | 2 | 2 | 10 | 30 | 35 | 20 | 5.5 |
| Communicates | 0 | 2 | 0 | 5 | 12 | 32 | 47 | 6.2 |
| Teaching | 0 | 2 | 0 | 5 | 22 | 40 | 30 | 5.9 |
| Workload | 2 | 7 | 25 | 50 | 12 | 2 | 0 | 3.7 |
| Difficulty | 0 | 0 | 12 | 51 | 25 | 10 | 0 | 4.3 |
| Learn Exp | 2 | 0 | 0 | 35 | 35 | 20 | 5 | 4.9 |

Montgomery was said to be a funny, enthusiastic, and entertaining
instructor. He communicated the material very well, but some students thought that many problems given in the course were not related to computer science.

Instructor(s): S. Homayouni

| Enr: 38 | Resp: 20 |  |  |  |  | Retake: 40\% |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 0 | 0 | 20 | 20 | 35 | 25 | 5.7 |
| Explains | 0 | 0 | 0 | 20 | 30 | 25 | 25 | 5.6 |
| Communicates | 0 | 0 | 0 | 10 | 40 | 35 | 15 | 5.6 |
| Teaching | 0 | 0 | 5 | 10 | 25 | 45 | 15 | 5.6 |
| Workload | 10 | 0 | 45 | 20 | 10 | 15 | 0 | 3.7 |
| Difficulty | 5 | 0 | 10 | 40 | 20 | 20 | 5 | 4.5 |
| Learn Exp | 6 | 6 | 0 | 46 | 26 | 13 | 0 | 4.2 |

Most students thought that the instructor was good. His classes were clearly presented and his notes were organized and easy to read.

STA 248H1S Statistics for Computer Scientists
Instructor(s): A. Gibbs

| Enr: 27 | Resp: 14 |  |  |  |  | Retake: 83\% |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 0 | 0 | 0 | 23 | 69 | 7 | 5.8 |
| Explains | 0 | 0 | 0 | 0 | 53 | 30 | 15 | 5.6 |
| Communicates | 0 | 0 | 0 | 0 | 0 | 38 | 61 | 6.6 |
| Teaching | 0 | 0 | 0 | 0 | 15 | 53 | 30 | 6.2 |
| Workload | 0 | 0 | 30 | 53 | 7 | 7 | 0 | 3.9 |
| Difficulty | 0 | 7 | 7 | 53 | 15 | 15 | 0 | 4.2 |
| Learn Exp | 0 | 0 | 0 | 40 | 20 | 40 | 0 | 5.0 |

The instructor was praised for making the material interesting and for her excellent communication and enthusiasm in the course.

## STA 250H1F Statistical Concepts

Instructor(s): A. Vukov

| Enr: 112 | Resp: 50 |  |  |  |  | Retake: $36 \%$ |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 4 | 6 | 16 | 22 | 26 | 24 | 5.3 |
| Explains | 2 | 4 | 6 | 20 | 26 | 22 | 18 | 5.1 |
| Communicates | 0 | 0 | 6 | 10 | 32 | 34 | 16 | 5.4 |
| Teaching | 0 | 0 | 0 | 22 | 27 | 22 | 27 | 5.5 |
| Workload | 0 | 2 | 2 | 24 | 44 | 18 | 8 | 5.0 |
| Difficulty | 0 | 0 | 0 | 34 | 30 | 26 | 8 | 5.1 |
| Learn Exp | 0 | 2 | 10 | 28 | 28 | 17 | 12 | 4.9 |

Students commented that the presentation pace of the material was too fast and students had to refer to the textbook too often for explanations. However, Vukov was extremely enthusiastic.

## STA 255H1S Statistical Theory

Instructor(s): M. Samarakoon

| Enr: 72 | Resp: 33 |  |  |  |  | Retake: 57\% |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 0 | 3 | 22 | 19 | 22 | 32 | 5.6 |
| Explains | 0 | 0 | 6 | 25 | 9 | 29 | 29 | 5.5 |
| Communicates | 0 | 0 | 9 | 19 | 19 | 35 | 16 | 5.3 |
| Teaching | 0 | 0 | 0 | 19 | 16 | 32 | 32 | 5.8 |
| Workload | 3 | 6 | 15 | 40 | 15 | 12 | 6 | 4.2 |
| Difficulty | 0 | 6 | 3 | 22 | 35 | 19 | 12 | 5.0 |
| Learn Exp | 0 | 0 | 4 | 33 | 28 | 23 | 9 | 5.0 |

Students praised the instructor for his clear presentation and availability for consultation.

STA 257H1F Probability and Statistics I
Instructor(s): P. McDunnough
Enr: 143
Resp: 92
Retake: 29\%

|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Presents | 7 | 4 | 33 | 23 | 20 | 8 | 2 | 3.8 |
| Explains | 8 | 4 | 21 | 36 | 20 | 7 | 1 | 3.8 |
| Communicates | 4 | 7 | 21 | 28 | 21 | 10 | 4 | 4.1 |
| Teaching | 4 | 4 | 13 | 37 | 26 | 10 | 3 | 4.2 |
| Workload | 0 | 1 | 6 | 41 | 27 | 20 | 3 | 4.7 |
| Difficulty | 9 | 4 | 13 | 42 | 14 | 12 | 3 | 4.0 |
| Learn Exp | 7 | 6 | 15 | 45 | 18 | 6 | 0 | 3.8 |

Students complained that the material was difficult and the textbook was not useful.

Instructor(s): P. McDunnough

| Enr: 82 | Resp: 37 |  |  |  | Retake: 25\% |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 8 | 5 | 8 | 23 | 44 | 5 | 2 | 4.2 |
| Explains | 10 | 2 | 16 | 29 | 27 | 13 | 0 | 4.0 |
| Communicates | 5 | 5 | 8 | 19 | 50 | 5 | 5 | 4.4 |
| Teaching | 6 | 9 | 6 | 30 | 30 | 18 | 0 | 4.2 |
| Workload | 5 | 2 | 8 | 34 | 28 | 17 | 2 | 4.4 |
| Difficulty | 6 | 0 | 0 | 25 | 22 | 38 | 6 | 5.0 |
| Learn Exp | 6 | 3 | 20 | 31 | 27 | 6 | 3 | 4.0 |

STA 257H1S Probability and Statistics I
Instructor(s): P. McDunnough

| Enr: 98 | Resp: 29 |  |  |  |  | Retake: $58 \%$ |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 3 | 3 | 15 | 19 | 30 | 19 | 7 | 4.6 |
| Explains | 3 | 3 | 7 | 26 | 34 | 19 | 3 | 4.6 |
| Communicates | 0 | 3 | 11 | 18 | 33 | 22 | 11 | 4.9 |
| Teaching | 0 | 7 | 7 | 23 | 38 | 23 | 0 | 4.6 |
| Workload | 4 | 0 | 8 | 32 | 24 | 24 | 8 | 4.8 |
| Difficulty | 4 | 0 | 8 | 16 | 36 | 16 | 20 | 5.1 |
| Learn Exp | 0 | 6 | 6 | 37 | 18 | 31 | 0 | 4.6 |

Students found that the lectures were hard to follow since the lectures slides were prepared in advance and not based on the textbook.

STA 261H1S Probability and Statistics II
Instructor(s): D. Brenner

| Enr: 157 | Resp: 75 |  |  |  |  | Retake: 71\% |  |  |
| :--- | :--- | :--- | :--- | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 0 | 2 | 6 | 24 | 24 | 41 | 5.9 |
| Explains | 0 | 0 | 0 | 5 | 16 | 29 | 48 | 6.2 |
| Communicates | 0 | 0 | 0 | 4 | 9 | 22 | 63 | 6.5 |
| Teaching | 0 | 0 | 0 | 4 | 8 | 34 | 53 | 6.4 |
| Workload | 0 | 2 | 6 | 61 | 13 | 6 | 8 | 4.4 |
| Difficulty | 0 | 1 | 2 | 50 | 21 | 15 | 8 | 4.7 |
| Learn Exp | 0 | 0 | 1 | 32 | 24 | 20 | 20 | 5.3 |

Students praised the instructor's enthusiasm and use of assignments and tests for evaluation.

STA 302H1F Regression Analysis
Instructor(s): A. Gibbs

| Enr: 199 | Resp: 109 |  |  |  |  | Retake: $83 \%$ |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 1 | 0 | 0 | 8 | 21 | 32 | 33 | 5.8 |
| Explains | 0 | 0 | 1 | 4 | 27 | 29 | 35 | 5.9 |
| Communicates | 0 | 0 | 2 | 7 | 24 | 37 | 26 | 5.7 |
| Teaching | 0 | 0 | 0 | 5 | 19 | 41 | 32 | 6.0 |
| Workload | 0 | 0 | 4 | 57 | 22 | 11 | 3 | 4.5 |
| Difficulty | 0 | 0 | 11 | 57 | 19 | 7 | 1 | 4.2 |
| Learn Exp | 0 | 0 | 0 | 35 | 36 | 17 | 10 | 5.0 |

## 4 ACTUARIAL SCIENCE \& STATISTICS

The instructor was praised as wonderful, excellent, one of the best from the Statistics Department. Her notes were very organized and clear.

## STA 322H1S Design of Sample Surveys

Instructor(s): D. Banjevic

| Enr: 62 | Resp: 33 |  |  |  |  | Retake: 51\% |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 3 | 0 | 6 | 30 | 27 | 21 | 12 | 4.9 |
| Explains | 0 | 3 | 6 | 27 | 42 | 12 | 9 | 4.8 |
| Communicates | 0 | 0 | 6 | 36 | 33 | 15 | 9 | 4.8 |
| Teaching | 0 | 3 | 3 | 18 | 45 | 21 | 9 | 5.1 |
| Workload | 0 | 6 | 3 | 50 | 25 | 9 | 6 | 4.5 |
| Difficulty | 0 | 0 | 12 | 50 | 15 | 18 | 3 | 4.5 |
| Learn Exp | 0 | 0 | 8 | 50 | 25 | 12 | 4 | 4.5 |

Some students complained that the tests were overly difficult.

## STA 332H1S Experimental Design

Instructor(s): J. Hamid

| Enr: 71 | Resp: 35 |  |  |  |  | Retake: $40 \%$ |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 6 | 9 | 30 | 42 | 12 | 0 | 0 | 3.5 |
| Explains | 0 | 9 | 18 | 54 | 15 | 3 | 0 | 3.8 |
| Communicates | 0 | 9 | 27 | 39 | 18 | 3 | 3 | 3.9 |
| Teaching | 2 | 8 | 26 | 47 | 11 | 2 | 0 | 3.6 |
| Workload | 0 | 2 | 2 | 82 | 11 | 0 | 0 | 4.0 |
| Difficulty | 0 | 0 | 14 | 71 | 14 | 0 | 0 | 4.0 |
| Learn Exp | 8 | 12 | 16 | 52 | 12 | 0 | 0 | 3.5 |

Students felt that the course notes were not well-presented, confusing and did not go in-depth into the material.

## STA 347H1F Probability

Instructor(s): P. McDunnough

| Enr: 169 | Resp: 89 |  |  |  | Retake: 27\% |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 14 | 7 | 18 | 29 | 13 | 12 | 3 | 3.8 |
| Explains | 19 | 9 | 11 | 29 | 18 | 6 | 5 | 3.8 |
| Communicates | 18 | 3 | 12 | 21 | 25 | 10 | 9 | 4.0 |
| Teaching | 16 | 10 | 16 | 11 | 26 | 10 | 9 | 3.9 |
| Workload | 1 | 0 | 3 | 13 | 26 | 24 | 30 | 5.6 |
| Difficulty | 1 | 0 | 1 | 6 | 10 | 24 | 56 | 6.2 |
| Learn Exp | 25 | 8 | 13 | 19 | 10 | 17 | 5 | 3.6 |

Students complained the textbook was too difficult, and that the material would be extremely difficult no matter who the instructor was.

## STA 352Y1Y Introduction to Mathematical Statistics

Instructor(s): D. Fraser

| Enr: 69 | Resp: 42 |  |  |  |  | Retake: 48\% |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 8 | 8 | 13 | 27 | 19 | 11 | 11 | 4.2 |
| Explains | 2 | 5 | 18 | 28 | 15 | 23 | 5 | 4.4 |
| Communicates | 0 | 0 | 8 | 16 | 27 | 29 | 18 | 5.4 |
| Teaching | 2 | 0 | 11 | 25 | 30 | 16 | 13 | 4.9 |
| Workload | 0 | 0 | 5 | 37 | 32 | 18 | 5 | 4.8 |
| Difficulty | 0 | 0 | 2 | 30 | 19 | 33 | 13 | 5.2 |
| Learn Exp | 9 | 9 | 19 | 19 | 28 | 9 | 4 | 4.0 |

Some students thought the lectures were somewhat disorganized and not explained clearly. However, the weekly tutorials and enthusiastic teaching were appreciated.

## STA 410H1F Statistical Computation

Instructor(s): R. Craiu
Enr: 35 Resp: $23 \quad$ Retake: 63\%

|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Presents | 4 | 8 | 8 | 4 | 26 | 34 | 13 | 5.0 |
| Explains | 4 | 8 | 13 | 13 | 21 | 26 | 13 | 4.7 |
| Communicates | 0 | 4 | 0 | 30 | 21 | 26 | 17 | 5.2 |
| Teaching | 0 | 8 | 8 | 4 | 21 | 39 | 17 | 5.3 |
| Workload | 4 | 0 | 4 | 26 | 34 | 17 | 13 | 4.9 |
| Difficulty | 8 | 0 | 0 | 13 | 30 | 34 | 13 | 5.1 |
| Learn Exp | 0 | 5 | 11 | 5 | 29 | 23 | 23 | 5.2 |

Students complained that the textbooks were overly expensive and useless.

STA 414H1S Statistical Methods for Data Mining \& Machine Learning Instructor(s): R. Neal
Enr: 33 Resp: 20 Retake: 100\%

|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| :--- | :--- | :--- | :--- | ---: | ---: | ---: | ---: | ---: |
| Presents | 0 | 0 | 0 | 5 | 50 | 33 | 11 | 5.5 |
| Explains | 0 | 0 | 0 | 16 | 22 | 50 | 11 | 5.6 |
| Communicates | 0 | 0 | 0 | 11 | 11 | 50 | 27 | 5.9 |
| Teaching | 0 | 0 | 0 | 0 | 16 | 38 | 44 | 6.3 |
| Workload | 0 | 0 | 0 | 36 | 26 | 26 | 10 | 5.1 |
| Difficulty | 0 | 0 | 5 | 26 | 42 | 15 | 10 | 5.0 |
| Learn Exp | 0 | 0 | 0 | 9 | 36 | 27 | 27 | 5.7 |

Students praised the instructor's notes as extremely organized and interesting. Some students felt that the assignments were very long but fair. Overall, students enjoyed a great learning experience.

STA 422H1F Theory of Statistical Inference
Instructor(s): D. Fraser

| Enr: 19 | Resp: 5 |  |  |  |  | Retake: 80\% |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 20 | 20 | 20 | 20 | 0 | 20 | 4.2 |
| Explains | 20 | 0 | 0 | 20 | 20 | 20 | 20 | 4.6 |
| Communicates | 0 | 0 | 0 | 0 | 0 | 40 | 60 | 6.6 |
| Teaching | 0 | 0 | 0 | 20 | 20 | 40 | 20 | 5.6 |
| Workload | 0 | 0 | 40 | 60 | 0 | 0 | 0 | 3.6 |
| Difficulty | 0 | 0 | 0 | 20 | 40 | 40 | 0 | 5.2 |
| Learn Exp | 0 | 0 | 0 | 33 | 0 | 66 | 0 | 5.3 |

STA 429H1F Advanced Statistics for the Life and Social Sciences Instructor(s): K. Knight

| Enr: 8 | Resp: 9 |  |  |  |  | Retake: 71\% |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 0 | 0 | 22 | 22 | 44 | 11 | 5.4 |
| Explains | 0 | 0 | 11 | 22 | 22 | 33 | 11 | 5.1 |
| Communicates | 0 | 0 | 0 | 11 | 44 | 33 | 11 | 5.4 |
| Teaching | 0 | 0 | 0 | 11 | 44 | 33 | 11 | 5.4 |
| Workload | 0 | 0 | 0 | 71 | 28 | 0 | 0 | 4.3 |
| Difficulty | 0 | 0 | 0 | 14 | 42 | 28 | 14 | 5.4 |
| Learn Exp | 0 | 0 | 14 | 42 | 28 | 14 | 0 | 4.4 |
| $\quad$ |  |  |  |  |  |  |  |  |
| $\quad$ Students complained that too much emphasis was placed on "R" sta- |  |  |  |  |  |  |  |  |
| tistical package, but praised the helpfulness of the instructor. |  |  |  |  |  |  |  |  |

## STA 437H1F Applied Multivariate Statistics

Instructor(s): M. Samarakoon
Enr: $59 \quad$ Resp: 43
Retake: 85\%

|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| :--- | :--- | :--- | :--- | ---: | ---: | ---: | ---: | ---: |
| Presents | 0 | 0 | 2 | 11 | 23 | 27 | 34 | 5.8 |
| Explains | 0 | 0 | 2 | 9 | 23 | 32 | 32 | 5.8 |
| Communicates | 0 | 0 | 0 | 16 | 23 | 30 | 30 | 5.7 |
| Teaching | 0 | 2 | 0 | 0 | 18 | 41 | 37 | 6.1 |
| Workload | 0 | 4 | 9 | 60 | 11 | 2 | 11 | 4.3 |


| Difficulty | 0 | 2 | 7 | 54 | 19 | 11 | 4 | 4.5 |
| :--- | ---: | :--- | :--- | :--- | :--- | :--- | ---: | :--- |
| Learn Exp | 0 | 0 | 0 | 21 | 36 | 30 | 12 | 5.3 |

The material was dry but students found Samarakoon was crystalclear in his explanations and a good instructor.

## STA 447H1S Stochastic Processes

Instructor(s): P. McDunnough

| Enr: 39 | Resp: 30 |  |  |  |  | Retake: 64\% |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 3 | 0 | 3 | 27 | 31 | 24 | 10 | 5.0 |
| Explains | 0 | 3 | 3 | 20 | 40 | 20 | 13 | 5.1 |
| Communicates | 0 | 3 | 0 | 20 | 20 | 36 | 20 | 5.5 |
| Teaching | 3 | 0 | 0 | 13 | 30 | 30 | 23 | 5.5 |
| Workload | 0 | 3 | 0 | 13 | 43 | 23 | 16 | 5.3 |
| Difficulty | 0 | 3 | 0 | 10 | 32 | 20 | 33 | 5.7 |
| Learn Exp | 0 | 5 | 0 | 27 | 27 | 38 | 0 | 4.9 |

STA 457H1S Time Series Analysis
Instructor(s): A. Benn

| Enr: 202 | Resp: 97 |  |  |  |  | Retake: 80\% |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| Presents | 0 | 1 | 2 | 13 | 17 | 33 | 32 | 5.8 |
| Explains | 0 | 1 | 4 | 18 | 26 | 26 | 23 | 5.4 |
| Communicates | 0 | 1 | 0 | 13 | 23 | 34 | 26 | 5.7 |
| Teaching | 1 | 0 | 3 | 8 | 24 | 33 | 29 | 5.7 |
| Workload | 1 | 4 | 15 | 51 | 10 | 10 | 5 | 4.2 |
| Difficulty | 1 | 2 | 5 | 46 | 21 | 15 | 7 | 4.6 |
| Learn Exp | 0 | 2 | 4 | 23 | 20 | 25 | 22 | 5.3 |

Students praised the instructor as highly organized and extremely approachable. However, some students felt the material was not challenging enough.

## AMERICAN STUDIES

USA 300Y1Y Thinking about the U.S.A.
Instructor(s): R. Halpern
Enr: 13

$$
\text { Resp: } 11
$$

|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| :--- | ---: | :--- | :--- | ---: | ---: | ---: | ---: | ---: |
| Presents | 0 | 0 | 0 | 0 | 20 | 40 | 40 | 6.2 |
| Explains | 0 | 0 | 0 | 0 | 0 | 54 | 45 | 6.5 |
| Communicates | 0 | 0 | 0 | 0 | 0 | 9 | 90 | 6.9 |
| Teaching | 0 | 0 | 0 | 0 | 0 | 20 | 80 | 6.8 |
| Workload | 0 | 0 | 0 | 63 | 18 | 18 | 0 | 4.5 |
| Difficulty | 0 | 0 | 0 | 50 | 40 | 10 | 0 | 4.6 |
| Learn Exp | 0 | 0 | 0 | 12 | 0 | 37 | 50 | 6.2 |

Students used words like "awesome", and "outstanding" to describe Halpern. A very enjoyable course!

Instructor(s): R. Halpern
Enr: 21
Resp: 15
Retake: 91\%

|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Presents | 0 | 0 | 0 | 0 | 21 | 28 | 50 | 6.3 |
| Explains | 0 | 0 | 0 | 0 | 13 | 33 | 53 | 6.4 |
| Communicates | 0 | 0 | 0 | 0 | 0 | 26 | 73 | 6.7 |
| Teaching | 0 | 0 | 0 | 0 | 7 | 35 | 57 | 6.5 |
| Workload | 0 | 0 | 7 | 64 | 7 | 14 | 7 | 4.5 |
| Difficulty | 0 | 0 | 0 | 60 | 26 | 13 | 0 | 4.5 |
| Learn Exp | 0 | 0 | 0 | 25 | 8 | 25 | 41 | 5.8 |

Halpern was a very approachable, friendly and insightful instructor. This was a great class!

Instructor(s): R. Halpern
Enr: 18 Resp: 10
Retake: 88\%

|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| :--- | ---: | :--- | :--- | ---: | ---: | ---: | ---: | ---: |
| Presents | 0 | 0 | 0 | 0 | 20 | 20 | 60 | 6.4 |
| Explains | 0 | 0 | 0 | 0 | 20 | 20 | 60 | 6.4 |
| Communicates | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 7.0 |
| Teaching | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 7.0 |
| Workload | 0 | 0 | 0 | 11 | 44 | 44 | 0 | 5.3 |
| Difficulty | 0 | 0 | 0 | 20 | 30 | 50 | 0 | 5.3 |
| Learn Exp | 0 | 0 | 0 | 0 | 11 | 22 | 66 | 6.6 |

Students thoroughly enjoyed this course. Halpern communicated the material extremely well. He was an engaging instructor.

Some students felt that at times, the readings were difficult to get through.

USA 401H1S Topics in American Studies
Instructor(s): K. Schultz
Enr: 14
Resp: 8

|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Mean |
| :--- | ---: | :--- | :--- | ---: | ---: | ---: | ---: | ---: |
| Presents | 0 | 0 | 0 | 0 | 25 | 50 | 25 | 6.0 |
| Explains | 0 | 0 | 0 | 0 | 0 | 62 | 37 | 6.4 |
| Communicates | 0 | 0 | 0 | 12 | 0 | 25 | 62 | 6.4 |
| Teaching | 0 | 0 | 0 | 0 | 25 | 50 | 25 | 6.0 |
| Workload | 0 | 0 | 0 | 87 | 12 | 0 | 0 | 4.1 |
| Difficulty | 0 | 0 | 0 | 87 | 12 | 0 | 0 | 4.1 |
| Learn Exp | 0 | 0 | 0 | 42 | 0 | 42 | 14 | 5.3 |

Overall, students said they enjoyed the course.


