

| Position | Name | Email | Room |
|--------------------|------------------------|-----------------------|---------|
| Lecturer-in-charge | Professor Jake Olivier | j.olivier@unsw.edu.au | RC-2051 |

applied techniques in analysing data where the response outcomes are categories. The accompanying explanatory variables may also be categorical or be continuous. You will learn how to analyse dependencies in various contingency tables. You will learn, in detail, the methodology of the generalised linear model. Within this framework, you will study logistic regression, Poisson regression, logit and log-linear models and the analysis of categorised time-to-event data. You will apply the Generalized Likelihood Ratio testing methodology for choosing the "most suitable" model within a hierarchical set of models.

The classical logistic regression models will be extended to cover polytomous responses (discrete choice models). When howed linear ou wi2())4.9(hi)2.6 went data. Yba- Youanates.to coTJ0 Tceng . pinuous t wires

- CLO1 - Use the general terminology, notation and concepts in the theory, methods and applications of Categorical Data Analysis. This also includes understanding the different sampling aspects and the relationships between the sampling schemes.
- CLO2 - Apply in a rigorous way various aspects of inference for log-linear models and for logistic regression, Poisson regression, logit and probit models. This also includes the ability to do model comparisons and to apply model choice strategies within a given hierarchical set of models.
- CLO3 - Write simple SAS instructions about data input and output and to do a coding of your own simple categorical data analysis procedure using SAS
- CLO4 - Use the common SAS procedures for categorical data analysis such as FREQ, LOGISTI

Log in to Moodle to find announcements, general information, notes, lecture slide, classroom tutorial and assessments etc. <https://moodle.telt.unsw.edu.au>

The School of Mathematics and Statistics has adopted a number of policies relating to enrolment, attendance, assessment, plagiarism, cheating, special consideration etc. These are in addition to the Policies of The University of New South Wales. Individual courses may also adopt other policies in addition to or replacing some of the School ones. These will be clearly notified in the Course Initial Handout and on the Course Home Pages on the Maths Stats web site.

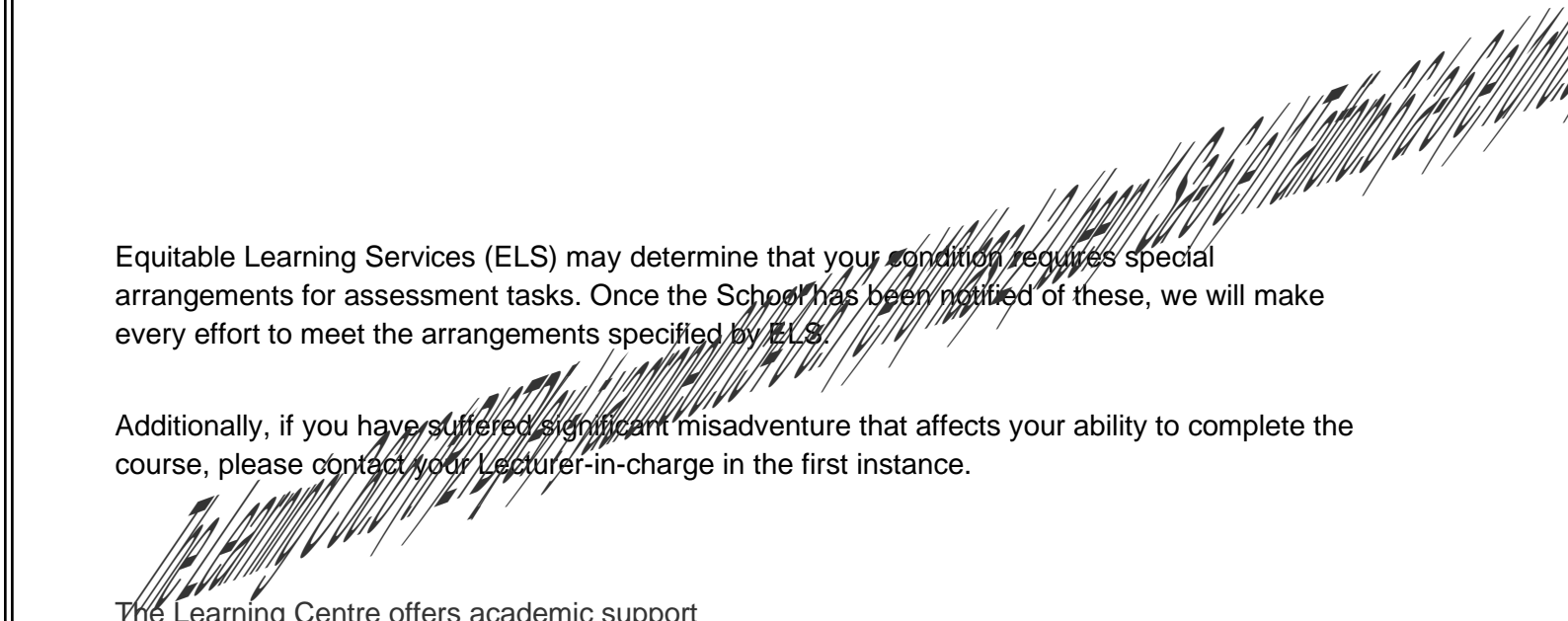
Students in courses run by the School of Mathematics and Statistics should be aware of the School and Course policies by reading the appropriate pages on the Maths Stats web site starting at:
<https://>

Plagiarism is presenting another person's work or ideas as your own. Plagiarism is a serious breach of ethics at UNSW and is not taken lightly. So how do you avoid it? A one-minute video for an overview of how you can avoid plagiarism can be found <https://student.unsw.edu.au/plagiarism>.

ELISE is designed to introduce new students to studying at UNSW.

Completing the ELISE tutorial and quiz will enable you to:

- analyse topics, plan responses and organise research for academic writing and other assessment tasks
- effectively and efficiently find appropriate information sources and evaluate relevance to your needs
- use and manage information effectively to accomplish a specific purpose
- better manage your time
- understand your rights and responsibilities as a student at UNSW
- be aware of plagiarism, copyright, UNSW Student Code of Conduct and Acceptable Use of UNSW ICT Resources Policy
- be aware of the standards of behaviour expected of everyone in the UNSW community
- locate services and information about UNSW and UNSW Library



Equitable Learning Services (ELS) may determine that your condition requires special arrangements for assessment tasks. Once the School has been notified of these, we will make every effort to meet the arrangements specified by ELS.

Additionally, if you have suffered significant misadventure that affects your ability to complete the course, please contact your Lecturer-in-charge in the first instance.

The Learning Centre offers academic support