Casual Employment Opportunities and Courses Available –
School of Mathematical Science (ECMS)

Level I Opportunities:

- **Assignment Help Room Tutoring**

This service is specifically set up to assist Level I students with their studies. Consultants are assigned to a two hour block during which they help students with assignment questions and general coursework. This is a weekly commitment and this activity is a pre-requisite for anyone wishing to take tutorials in the future. There is a standard consulting schedule made up of 17 2-hour sessions throughout the week.

- **Course Tutoring**

You must have experience in consulting first year students before you request tutoring work. This is often the most popular option for many people and thus supply does not always meet demand. Tutors are chosen at the discretion of the Director of First Year Studies. You are paid an hourly rate and tutorials run every week. All tutorials include an allocation of marking.

- **Assignment Marking**

The average allocation of marking is 20-25 hours for the semester. You are paid by the hour on the based on a standard marking rate.
If you are a current student, please indicate if you would like a reduced load of marking at the end of semester due to study commitments of your own. This often applies to honours students completing their studies at the end of the semester. This will mean that you will mark more assignments earlier in the semester and less at the end.

- **Computer Lab Instruction**

Lab instructors assist students with Matlab during scheduled computer practicals.

Level II Opportunities:

- **Course Tutoring**

You must have experience in consulting first year students before you request tutoring work. This is often the most popular option for many people and thus supply does not always meet demand. You are paid an hourly rate and tutorials run every week. All tutorials include an allocation of marking.

- **Assignment Marking**

The average allocation of marking is 20-30 hours for the semester. You are paid by the hour on the based on a standard marking rate.
If you are a current student, please indicate if you would like a reduced load of marking at the end of semester due to study commitments of your own. This often applies to honours students completing their studies at the end of the semester. This will mean that you will mark more assignments earlier in the semester and less at the end.

Level I Statistics Opportunities:

- **Computer Lab Instruction**

Lab instructors assist students with SPSS during scheduled weekly computer practicals, reinforcing concepts learned in lectures. There are two computer lab instructors in any one class: the primary instructor presents the use of SPSS to the class, highlighting where concepts from lectures arise, while the secondary instructor assists with the use of SPSS in a face-to-face role.

- **Course Tutoring**

You must have experience in computer lab instruction before you request tutoring work. This is often the most popular option for many people and thus supply does not always meet demand. Tutors are chosen at the discretion of the Course Coordinator for Statistical Practice I.

- **Assignment Marking**

The average allocation of marking is 20-25 hours for the semester. You are paid by the hour on the based on a standard marking rate.

If you are a current student, please indicate if you would like a reduced load of marking at the end of semester due to study commitments of your own. This often applies to honours students completing their studies at the end of the semester. This will mean that you will mark more assignments earlier in the semester and less at the end. Assignments are marked fortnightly.

Honours and Postgraduate Students – Please note:

When applying, please take into consideration any visa or scholarship restrictions that might apply to workload.

Semester 2 Courses

Activity	Semester	Cat No
Optimisation and Operations Research	2	APP MTH 2105/7105
Random Processes	2	APP MTH 3016,4116,7056
Stochastic Decision Theory	2	APP MTH 3020,4120,7090
Optimal Functions and Nanomechanics	2	APP MTH 3022,4122,7106
PDEs and Waves	2	APP MTH 3023,4123,7107
Applied Honours 2B	2	APP MTH 4049, 7049
Applied Honours 2C	2	APP MTH 4051, 7087
Applied Honours 2A	2	APP MTH 4052, 7088; STATS 4008, 7008
Mathematics for Information Technology	2	Maths 1008
Applications of Quantitative Methods in Finance	2	Maths 1009
Maths IA	2	MATHS 1011
Maths IB	2	MATHS 1012
Maths IM	2	MATHS 1013
Real Analysis	2	MATHS 2100/7100
Numerical Methods	2	MATHS 2104/7104
Engineering Mathematics IIB	2	MATHS 2202
Advanced Mathematical Perspectives II	2	MATHS 2203
Financial Modelling: Tools and Techniques	2	MATHS 3012/7070
Advanced Mathematical Perspectives III	2	MATHS 3020
Research Methods and Statistics	2	MATHS 7025
Real Analysis	2	MATHS 7100
Numerical Methods	2	MATHS 7104
Integration and Analysis	2	PURE MTH 3009, 4109, 7071
Fields and Modules	2	PURE MTH 3023, 4123, 7072
Finite Geometry III	2	PURE MTH 3024, 4124, 7073
Pure Honours 2A	2	PURE MTH 4013, 7023
Pure Honours 2B	2	PURE MTH 4066, 7066
Statistical Practice I/Statistical Practice (Life Sciences)	2	STATS 1004,STATS 1000, STATS 1504
Statistical Analysis and Modelling I	2	STATS 1005
Statistical Modelling & Inference II	2	STATS 2107/7107
Time Series III	2	STATS 3005, 4105, 7058
Biostatistics III	2	STATS 3008, 4108, 7056
Multivariate Geostatistics (Geostats PG)	2	STATS 7062