

Centre for Actuarial Studies

Department of Economics

Master of Commerce (Actuarial Science) Students' Guide 2024

1 January 2024

Table of Contents

1.	INTRODUCTION	4
2.	COURSE PLANNING	5
	General Issues What are the criteria to complete the Master of Commerce (Actuarial Science)?	5
	Introduction	5
	Practice Pathway	5
	Research Pathway	6
	Subject Options	6
3.	ACTUARIAL SUBJECTS	8
	Syllabus	8
	Assessment How are the actuarial subjects assessed? Are marks for all students standardised? What can I do if I do not agree with the final grade that I receive? Can I apply for special consideration?	8 8 8 8 9
	Resources What resources are available to me to assist my study program? What computer resources are used in Actuarial Studies? Where are the computer laboratories and what are their hours of operation? Where are the libraries?	9 9 9 9
	Prizes and Scholarships Are there any scholarships available for actuarial students?	10 10
4.	OTHER ISSUES	10
	Calculators in Exams Potential Employment Guidance and Assistance Actuarial Students' Society Keeping Up to Date	10 10 11 11 12
5.	QUALIFYING AS AN ACTUARY	12
	How do I qualify as an Actuary? Is the FIAA qualification recognised in other countries? What is an Associate of the Actuaries Institute? How does Foundation Program (Part I) correspond with international courses?	12 14 14 15
	Exemptions	15

Cen	ttre for Actuarial Studies Master of Commerce (Actuarial Science) Students Guide2024	
	What are the exemption subjects and what level is required?	15
	What happens if my marks are less than those needed for an exemption?	17
	How do I receive my exemptions?	17
	Can CT 1-8 (or CS1, CS2, CM1, CM2, CB1, CB2) exemptions from the Actuario	es
	Institute be used to obtain a waiver for Society of Actuaries' (SOA) exams?	18
	The Actuaries Institute	18
	Who can join the Actuaries Institute?	18
	When should I join the Actuaries Institute?	18
	Further Information	19
6.	STAFF OF THE CENTRE FOR ACTUARIAL STUDIES	20
	Contact Details	20
	Members of Staff	21

1. Introduction

The Centre for Actuarial Studies has produced this guide to assist students undertaking the Master of Commerce (Actuarial Science) degree. The guide is intended to provide information on various questions that you may have as you complete your studies, as well as give you some general information about the assistance available to you.

The guide is set out in a number of sections. A short description of each section is set out below, while the various issues that are addressed can be quickly accessed by use of the contents page.

2. Course Planning

This section includes details about the subjects you should take as part of your degree.

3. Actuarial Subjects

There are a number of issues that are specifically related to the subjects offered by the Centre for Actuarial Studies. These are outlined in this section.

4. Other Issues

This section covers miscellaneous issues that you may find important, such as how to find out about potential employment opportunities, where you can seek assistance if you are struggling to cope with your course and what the Actuarial Students' Society does.

5. *Qualifying as an Actuary*

This section provides an overview of how to qualify as a Fellow or Associate of the Actuaries Institute. It includes information about how subjects offered as part of your degree correspond with subjects required by the Actuaries Institute and how exemptions can be obtained from Actuaries Institute subjects. Details on how to join the Actuaries Institute are also contained in this section.

6. Staff of the Centre for Actuarial Studies

Centre staff contact details are included in this section, as well as their <u>pictures</u>.

We hope you find this guide useful and informative. It may be updated from time-totime. If you have any suggestions about how the guide can be improved, please pass them to the staff at the Centre for Actuarial Studies.

You should note that while this guide is intended to provide information to you, it is not a legal document and does not replace or override the guidelines and information set out in official University publications.

The Centre for Actuarial Studies is not responsible for any actions taken by you on the basis of information set out in this document. You should refer to official University publications and information tools for complete up to date information and direction.

2. Course Planning

General Issues

What are the criteria to complete the Master of Commerce (Actuarial Science)?

For students who enrol in the Master of Commerce (Actuarial Science) from 2021, you require 150 points to complete the Master of Commerce (Actuarial Science). Most university subjects are worth 12.5 points. The Master of Commerce (Actuarial Science) degree has six core/capstone actuarial subjects (75 points) and six elective subjects (75 points). Students can elect to follow one of two pathways: the practice pathway or the research pathway. *Applicants with an honours degree in actuarial science may be awarded up to 62.5 points of credit into the Master of Commerce (Actuarial Science). Credit will be assessed at the point of application.*

Introduction

The Master of Commerce (Actuarial Science) is for students who hold an actuarial degree and wish to pursue their actuarial training further. It focuses on actuarial theory and practice, specialising in quantitative techniques for insurance, superannuation and financial risk modelling. With sufficiently high results students are able to obtain exemptions from exams of the Actuaries Institute (Australia), including the university component of the *Actuary Program*. The Master of Commerce (Actuarial Science) has a practice pathway, which focuses on advanced professional training, and a research pathway, which prepares students for the PhD in Actuarial Studies.

Practice Pathway

For students who choose the practice pathway starting from 2021 or later, a possible program of study is given below.

Semesters	Subjects
First Semester	
ACTL90003	Mathematics of Finance III
ACTL90004	Insurance Risk Models
ACTL90010	Actuarial Practice and Control I
MAST90082	Mathematical Statistics
Second Semester	
ECOM90004	Time Series Analysis and Forecasting
ACTL90011	Actuarial Practice and Control II
MAST90083	Computational Statistics and Data Mining
ACTL90019	Data Analytics in Insurance 2
Third Semester	
FNCE40003	Numerical Techniques in Finance
MULT90014	Business Risk Management
ACTL90018	General Insurance Practice
MAST90045	Systems Modelling and Simulation

Research Pathway

For students who choose research pathway starting from 2021 or later, a possible program of study is given below.

Semesters	Subjects	
First Semester		
ACTL90003	Mathematics of Finance III	
ACTL90004	Insurance Risk Models	
ACTL90010	Actuarial Practice and Control I	
MAST90082	Mathematical Statistics	
Second Semester		
ECOM90004	Time Series Analysis and Forecasting	
ACTL90011	Actuarial Practice and Control II	
MAST90083	Computational Statistics and Data Mining	
ACTL90019	Data Analytics in Insurance 2	
Third Semester		
MULT90014	Business Risk Management	
ACTL90018	General Insurance Practice	
ACTL90016	Actuarial Research Report	
ACTL90016	Actuarial Research Report	

Subject Options

1. There are four core actuarial subjects. Students in both pathways must take the following two core subjects:

ACTL90003 Mathematics of Finance III (semester 1, Foundation Program)
ACTL90010 Actuarial Practice and Control I (semester 1, Actuary Program)

2. Students must take 25 points of capstone actuarial subjects:

Research pathway

Students must take the following two subjects over the last two semesters or twice in the final semester:

ACTL90016 Actuarial Science Research Report (semester 1, 12.5 points)

ACTL90017 Actuarial Science Research Report (semester 2, 12.5 points)

Practice pathway

ACTL90019 Data Analytics in Insurance 2 (semester 2, Actuary Program)
ACTL90011 Actuarial Practice and Control II (semester 2, Actuary Program)

3. Students must take at least 25 points selected from the following subjects:

Research pathway

ACTL90011 Actuarial Practice and Control II (semester 2, Actuary

Program)

ACTL90004 Insurance Risk Models (semester 1)

ACTL90019 Data Analytics in Insurance 2 (semester 2, Actuary Program)

ACTL90013 Actuarial Studies Projects (taught in both semesters)

ACTL90018 General Insurance Practice (semester 1)

Practice pathway

ACTL90004 Insurance Risk Models (semester 1)

ACTL90018 General Insurance Practice (semester 1)

ACTL90016 Actuarial Science Research Report (semester 1)

ACTL90017 Actuarial Science Research Report (semester 2)

ACTL90013 Actuarial Studies Projects (taught in both semesters)

4. Students must take 75 points of elective subjects, selected from core actuarial subjects and the following subjects:

ECOM90004 Time Series Analysis and Forecasting (semester 2)

ECOM90010 Bayesian Econometrics (semester 2)

FNCE40003 Numerical Techniques in Finance (semester 1)

MAST90045 Systems Modelling and Simulation (not

available in 2024) MAST90082 Mathematical Statistics

(semester 1)

MULT90014 Business Risk Management (taught in Winter Term)

MAST90083 Computational Statistics and Data Mining (semester 2)

BUSA90473 Business Practicum (summer term, July)

BUSA90485 Global Business Practicum (January, June and November)

Other Masters level electives in actuarial studies, economics, finance or mathematics are accepted as approved by the Academic Program Director.

Note:

- 1) This program is available for Semester 1 entry only.
- 2) Students interested in progressing to the PhD program will be encouraged to follow the research pathway.
- 3) MULT90014 Business Risk Management is closely related to the Enterprise Risk Management module of the Actuaries Institute Fellowship Program.

- 4) ACTL90018 General Insurance Practice provides useful background for the general insurance components of some modules of the Actuaries Institute Fellowship Program.
- 5) BUSA90473/90485 Business Practicum is related to working with unstructured and incomplete information in real business settings, developing research and networks, and working in teams. The eligibility and requirements for entry to this subject are given here.

2. Actuarial Subjects

There are a number of issues that are specifically related to the subjects offered by the Centre for Actuarial Studies. Information about these is set out below.

Syllabus

The subjects offered by the Centre for Actuarial Studies are set out in the University Handbook, see

https://handbook.unimelb.edu.au/faces/htdocs/user/search/SimpleSearch.jsp.

Assessment

How are the actuarial subjects assessed?

Like most University subjects, actuarial subjects are assessed by the lecturer in charge in accordance with the criteria set out in the University Handbook.

All subjects are currently assessed by an end of semester examination, and most subjects also have a mid-semester examination and assignments forming part of the assessment.

Grades (and marks) are set by the lecturer in charge and scrutinised by all Centre Staff at an examiners' meeting before results are released.

Hurdle requirement: To pass subjects with a final exam hurdle requirement, students must pass the final exam. in the hurdle requirement for ACTL90010 and ACTL90011 was removed in 2022 and no longer applies. from 2022 onwards.

Are marks for all students standardised?

No. Marks in each subject are not adjusted to fit a specified distribution. This means that if all students achieve a standard of H1, then all students will receive this grade. Likewise, if no student achieves the performance required for an H1 grade, this grade will not be awarded.

What can I do if I do not agree with the final grade that I receive?

If you have concerns with your assessment in a particular subject, you can request to view your exam paper. Such a request should be made as soon as you know the result.

To do this, you need to complete a form detailing the reasons why you wish to view your paper. This form is available on the Economics Department web site after the end of each

semester. Staff will arrange a time for you to view your paper.

You should note, however, that the University has issued a directive to staff that a mark should not change unless an answer has not been marked or marks have been incorrectly added. Viewing an exam script is not an opportunity to argue for more marks. It is simply an opportunity to receive high level feedback about your performance.

Can I apply for special consideration?

If your circumstances are such that you are unable to sit an examination or if you believe that your performance has been affected by some significant event, you can apply for special consideration.

To apply for special consideration, you must complete the application online through your Student Portal at https://my.unimelb.edu.au and return the Health Professional Report (HPR) Form.

Before completing an online application, students should read the Special Consideration information available at

https://students.unimelb.edu.au/your-course/manage-your-course/exams-assessments-and-results/special-consideration

There are time limits involved in submitting an application for Special Consideration. If you are awarded a special exam, you will have to sit this exam at very short notice within the supplementary exam period.

Resources

What resources are available to me to assist my study program?

Each lecturer will outline resources that are available for specific subjects. These will include prescribed texts and recommended reading lists. Items such as tutorial questions, past examination papers and popular reading materials may also be available on reserve at the Giblin Eunson Library, depending on the lecturer in charge.

From a general perspective, actuarial texts are available in the Baillieu Library and in the Giblin Eunson Library under the Dewey code 368. Actuarial journals are available online from the library.

The Centre for Actuarial Studies home page on the internet is also a useful resource, with links to relevant websites. The website address is

http://fbe.unimelb.edu.au/economics/ACT.

What computer resources are used in Actuarial Studies?

Packages used in actuarial subjects include Excel and the **R** Project for Statistical Computing. Access to the internet is also available via the University computer network.

Where are the computer laboratories and what are their hours of operation?

GSBE students have access to the Graduate Computing Laboratory, Level 4, The Spot, and to the FBE Student Open Access Computing Space in 233 Bouverie St. Opening hours are subject to change.

Where are the libraries?

The Giblin Eunson Library is located on the ground floor of the FBE building, 111 Barry St.

The Baillieu Library is adjacent to the Arts West building. Library opening hours change over time and are different during non-teaching periods; current opening hours are posted on http://library.unimelb.edu.au/hours.

Prizes and Scholarships

Are there any scholarships available for actuarial students?

The Faculty of Business and Economics offers some scholarship assistance to students with good academic records. These are awarded independently of the Centre for Actuarial Studies. For more details, please refer to:

https://fbe.unimelb.edu.au/scholarships/prizes/subject-prizes

3. Other Issues

Calculators in Exams

The university's policy is that the only calculator allowed from 1 January 2017 is

Casio FX82 (with or without any suffix)

The Centre takes this policy very seriously. Any student found to be in breach of this policy will be disciplined.

Potential Employment

Vacation Work

A number of employers offer vacation work to students over the summer break. These short term jobs can lead to offers of full time employment in the longer term.

You can approach firms directly to see if they have any openings for you on either a vacation or full time work basis. A list of potential employers can be obtained from the Actuarial Students' Society.

Employment on Graduation

Actuaries work with a number of employers, including:

- consulting firms
- life insurance companies

- general insurance companies
- health insurance companies
- investment companies
- merchant banks
- stockbrokers
- governments
- universities

Job opportunities with employers seeking graduates may be announced during lectures.

The Actuarial Students' Society organises a number of functions to facilitate meetings between students and actuaries and these are also a valuable source of job opportunities.

Guidance and Assistance

You may need some help with a number of issues throughout your studies. You may be having some problems in planning your course or you may wish to discuss career opportunities. You may simply be falling behind in your studies due to circumstances beyond your control and you may need someone to talk to.

Student Counselling

The University provides a student counselling service located at Level 2, 138 Cardigan Street in Carlton. The contact number is (03) 8344 6927 or see

http://services.unimelb.edu.au/counsel.

Language Skills

If English is not your first language, you may require some assistance to ensure that your written work is grammatically correct. The English as a Second Language (ESL) program can provide you with assistance in this area.

Go to http://languages-linguistics.unimelb.edu.au/areas/esl.

Actuarial Students' Society

The Actuarial Students' Society is a student body which operates independently of the Centre for Actuarial Studies. The major aim of the Society is to bring the students closer to the actuarial community. They organise a variety of functions with practicing actuaries working in business, including guest lectures, formal luncheons and the annual "Contact Night". These functions provide a great opportunity for students to meet potential employers and can lead to job opportunities.

The Society's other major objective is to create an enjoyable sociable atmosphere for actuarial students via BBQs, pizza nights, movie nights and an end of year party. Their events are announced to students in class, and their website is

http://www.melbourneactuary.com.

Keeping Up to Date

It is important that you use your university email account and check it regularly.

4. Qualifying as an Actuary

How do I qualify as an Actuary?

Completing the degree does not mean that you are qualified as an actuary. Rather, you will have some actuarial skills and may be part-way through the qualification process. The governing body of the actuarial profession sets the criteria necessary to qualify as an actuary.

The requirements to qualify as an actuary depend on which professional body you join, *e.g.* Australian, British or American. However, all professional bodies generally require you to complete two types of examination: core examinations that equip you with the basic skill set necessary for an actuary; and practical examinations where you are required to apply the basic skill set and use judgment in a practical environment.

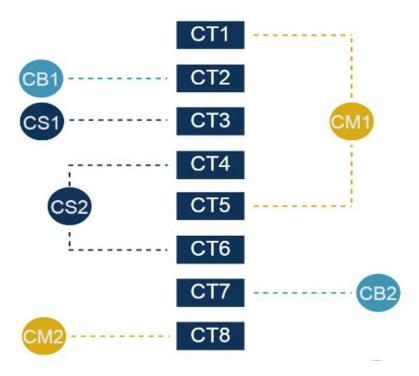
To qualify as a Fellow of the Actuaries Institute (FIAA), you must complete three levels of study.

Foundation Program (formerly Part I)

Up until the end of 2018 the Institute required you to complete eight core technical subjects CT1-CT8 which cover the basic skills required by an actuary. These eight subjects corresponded to subjects taught at the University of Melbourne. If you performed sufficiently well, you were recommended for exemption from the subjects offered by the Actuaries Institute (see exemptions).

From 2019, the Actuaries Institute requires you to complete the new *Foundation Program* which includes six subjects, CS1, CS2, CM1, CM2, CB1 and CB2. It commenced in 2019 for students studying directly with the Actuaries Institute and in 2020 for those undertaking studies at the University of Melbourne. That is, 2019 was the last year for the University of Melbourne to offer university subjects corresponding to CT1-CT8 subjects. Starting from 2020, the University of Melbourne teaches the new curriculum which aligns with the new *Foundation Program* subjects.

Part I exemptions already obtained were transferred over to exemptions under the new *Foundation Program*, based on the mapping shown below.



More explains on the transitions can be found <u>here</u>.

Actuary Program (formerly Part II)

The aim of this part of the qualification is to introduce a generalised actuarial approach to a range of commercial problems. It introduces areas of practice and provides an insight into how actuarial techniques can be used in non-traditional fields.

Up until the end of 2019, the Actuaries Institute's Part II syllabus comprised:

- Part IIA The Actuarial Control Cycle
- Part IIB Investment and Asset Modeling

Some of these university subjects corresponding to the old Part II syllabus used to be available to students.

To obtain an exemption from Part II before 31st December 2019, students needed to achieve a high enough average mark in the exams of three university subjects in Actuarial Studies: ACTL90010 Actuarial Practice and Control I, ACTL90011 Actuarial Practice and Control II and ACTL90009 Actuarial Practice and Control III.

From 2020, the Actuaries Institute requires students to study the new Actuary Program which comprises four subjects:

- Actuarial Control Cycle
- Data Science Principles
- Asset and Liability Management
- Communication, Modelling and Professionalism

The University of Melbourne offers ACTL90010 Actuarial Practice and Control I (new version), and ACTL90011 Actuarial Practice and Control II (new version) for the exemption of Actuarial Control Cycle and ACTL90019 Data Analytics in Insurance 2 for the exemption

from Data Science Principles. A high enough average mark must be achieved in university subjects in order to obtain an exemption from subjects in the *Actuary Program* (see <u>exemptions</u>).

Asset and Liability Management and Communication, Modelling and Professionalism are delivered by the Actuaries Institute. An overview on the new program, the transition arrangements and transition rules can be found https://example.com/here.

Fellowship Program (formerly Part III: Specialist Subjects)

The Fellowship Program is examined directly by the Actuaries Institute and is not currently taught in universities. Until the end of 2018 it had four modules, covering topics in investments, risk management, life insurance, general insurance, retirement income systems, finance and commercial actuarial practice. More details may be found on the Actuaries Institute website:

https://www.actuaries.asn.au/education-program/fellowship.

From 2019, the Actuaries Institute updated the Fellowship Program to enhance the actuarial education program. The new *Fellowship Program* comprises three half-year modules delivered in an online format. Student experience will be enriched through improved learning resources, teaching, assessment, and feedback. An overview on the new program, the transition arrangements and transition rules can be found <u>here</u>.

Is the FIAA qualification recognised in other countries?

The Actuaries Institute currently holds mutual recognition agreements with the following actuarial associations:

Canadian Institute of Actuaries (CIA)
Casualty Actuarial Society (CAS)
Institute and Faculty of Actuaries (IFoA)
Institute of Actuaries of India (IAI)
New Zealand Society of Actuaries (NZSA)
Society of Actuaries (SoA)
Society of Actuaries in Ireland (SAI)
Actuarial Society of South Africa (ASSA)

If you have obtained FIAA from the Actuaries Institute, you can apply for consideration as a Fellow of an actuarial association listed above under corresponding mutual recognition agreements.

What is an Associate of the Actuaries Institute?

If you have obtained a full exemption from Part II by the end of 2019, you need to:

- Attend the Professionalism course by the end of 2019 and complete three years of relevant work experience; or
- Pass the new Communication, Modelling and Professionalism subject (which will replace the Professionalism Course in 2020) and complete one year of relevant work experience.

If you have not obtained a full exemption from Part II by the end of 2019 (including those who attempt Part II prior to 2020 but do not gain a full exemption, and those commencing the new Actuary Program from 2020), you need to:

- Pass all components of the new Actuary Program; and
- Omplete one year of relevant work experience.

How does Foundation Program (formerly Part I) correspond with international courses?

Up until the end of 2018, Part I syllabi are equivalent to the syllabi of the Core Technical subjects (CT1-CT8) offered by the Institute and Faculty of Actuaries (IFoA) in the UK. From 2019, the syllabi of the new *Foundation Program* are equivalent to the syllabi of the Core Principles subjects (CS1, CS2, CM1, CM2, CB1, CB2) offered by the IFoA.

There are also similarities between the course offered by the Society of Actuaries in the USA and the Foundation Program of the Australian course. You can apply for exemptions from some of the Society of Actuaries' subjects if you have completed some or all of the Foundation Program. This is part of the "mutual recognition" agreements between actuarial organisations. More details may be found at:

http://www.actuaries.asn.au/becoming-an-actuary/becoming-a-member/becoming-an-accredited-member.

Exemptions

What are the exemption subjects and what level is required?

If you complete certain subjects at the University of Melbourne, and achieve a sufficiently high standard, you will be recommended for exemption from the corresponding subjects of the Actuaries Institute. The table below sets out the correspondence between University subjects and Actuaries Institute subjects.

The standard required for the exemption of **CB1** or **CB2** is a total mark of 146 or better in subjects taught outside the Centre. There is a minimum requirement of a mark of 50 or better in each subject.

For subjects taught in the Centre, exemptions for *Foundation Program* (formerly *Part I*) are based on overall assessment performance (*i.e.* on assignments, mid-semester and end of semester exams). Students who are awarded a university grade of H1 or H2A usually obtain exemptions, while students who are awarded H3, P or N usually do not. It is quite common for students who are awarded H2B to obtain exemption, but this is not always the case.

If in a subject you do not obtain the mark needed to achieve exemption from professional exams then you do not need to repeat the subject. As long as you achieve a P grade or above the subject will still be credited towards your degree, but you will not receive an exemption from the corresponding professional exam.

Until the end of 2019, the exemption equivalence between the Institute subjects and the University subjects was as listed below.

Institute S	Subject	University Subject
Part I		
CT 1	Financial Mathematics	ACTL90001 Mathematics of Finance I
CT 2	Finance and	ACCT90004 Accounting for Decision Making
	Financial Reporting	FNCE90060 Financial Management
		FNCE90018 Corporate Financial Policy
CT 3	Probability and	MAST20004 Probability
	Mathematical Statistics	MAST20005 Statistics
CT 4	Modelling	ACTL90006 Life Insurance Models I
		ACTL90007 Life Insurance Models II
CT 5	Contingencies	ACTL90005 Life Contingencies
CT 6	Statistical Methods	ACTL90008 Statistical Techniques in Insurance
		ACTL90004 Insurance Risk Models
CT 7	Economics	ECON90015 Managerial Economics
		ECON90032 Macroeconomics for Managers
		ECON90047 Macroeconomics 2
CT 8	Financial Economics	ACTL90002 Mathematics of Finance II
		ACTL90003 Mathematics of Finance III
Part II		
Part II A:	The Actuarial Control Cycle	ACTL90010 Actuarial Practice and Control I
		ACTL90011 Actuarial Practice and Control II
Part II B:	Investment and Asset	ACTL90009 Actuarial Practice and Control III
	Modelling	

From 2020, the exemption equivalence between the Institute subjects and the new program is shown below.

Insitute S	Subject	University Subject		
Foundation Program				
CM 1	Actuarial Mathematics 1	ACTL90001 Mathematics of Finance I		
		ACTL90005 Life Contingencies		
CM2	Financial Engineering and	ACTL90021 Topics in Insurance and Finance		
	Loss reserving	ACTL90002 Mathematics of Finance II		
		ACTL90003 Mathematics of Finance III		
CS1	Actuarial Statistics 1	MAST20004 Probability		
		MAST20005 Statistics		
		ACTL90008 Statistical Techniques in Insurance		
CS 2	Risk Modelling and	ACTL90006 Life Insurance Models I		
	Survival Analysis	ACTL90007 Life Insurance Models II		
		ACTL90019 General Insurance Modelling		
CB1	Business Finance	ACCT90042 Accounting and Finance for		
		Actuaries		
CB2	Business Economics	ACTL90022 Economics for Actuaries		
Actuary Program				
Actuarial Control Cycle (New)		ACTL90010 Actuarial Practice and Control I		
		ACTL90011 Actuarial Practice and Control II		
Data Ana	lytics Principles	ACTL90019 Data Analytics in Insurance 2		

Note that there are also undergraduate versions of many of these subjects that can be used for exemption purposes if previously studied. See the undergraduate students' guide for details.

What happens if my marks are less than those needed for an exemption?

If you miss the required marks in exemption subjects, you will not be recommended for an exemption. If you wish to try again for an exemption, you can resit subjects in two ways.

First, you can resit the relevant subjects at the University of Melbourne as a continuing education student. You will be required to pay a fee as a Community Access Program (CAP) student, but you are not subject to HECS. The result you achieve on the resit examination does not impact your degree results. More information is available from the following link:

https://study.unimelb.edu.au/how-to-apply/single-subject-study

Alternatively you may resit *Foundation Program* (formerly Part I) subjects by taking the relevant correspondence courses directly with the Institute and Faculty of Actuaries in the UK. To sit the UK subjects you must be a member of the Actuaries Institute (see <u>below</u>) or a member of the UK Institute and Faculty. You do not need to be a member of a UK body if you are a member of the Actuaries Institute.

You will be required to purchase the course material from Actuarial Education Company (ActED, http://www.acted.co.uk). You are also required to register for the exam before the due date. The exam registration fee varies according to the value of the Australian dollar but is likely to be in the vicinity of \$700. The examinations are held twice a year in April and September at a venue organised by the Actuaries Institute in major capital cities. More information is available from the following link:

https://www.actuaries.asn.au/education-program/foundation/examinations.

Besides, if you want to study off campus, *Actuary Program* (formerly Part II) subjects are available from the Centre for Actuarial Studies as distance education subjects. More information on the distance education is available from:

https://fbe.unimelb.edu.au/economics/ACT/courses/distance_education.

How do I receive my exemptions?

On completion of your degree, you are eligible to apply for exemptions. To apply, you should complete the Exemption Eligibility Recommendation form available at

https://fbe.unimelb.edu.au/economics/ACT/courses/exemption_information

Further information about the process for applying for exemptions is available at that webpage.

Can CT 1-8 (or CS1, CS2, CM1, CM2, CB1, CB2) exemptions from the Actuaries Institute be used to obtain a waiver for Society of Actuaries' (SOA) exams?

Yes. Exemptions for Subjects CT1-CT8 (or CS1, CS2, CM1, CM2, CB1, CB2) with the Actuaries Institute (Australia) that were earned via the fully accredited actuarial science program at the University of Melbourne are eligible for SOA waiver credit. The SOA's policy for exam waiver

Centre for Actuarial Studies Master of Commerce (Actuarial Science) Students' Guide2024 rules that pertain to the Actuaries Institute's Foundation subjects can be found at

https://www.soa.org/globalassets/assets/files/edu/2019/iofa-waiver-rules.pdf

If you have university exemptions, you do need to first register your exemptions with the Actuaries Institute. There is currently no charge to apply for waiver credit with the SOA. Here's a link to the waiver application form:

https://www.soa.org/globalassets/assets/files/edu/edu-app-waiver-fac-ins.pdf

Contact the Society of Actuaries for further information.

The Actuaries Institute

The Actuaries Institute (formerly known as the Institute of Actuaries of Australia) is the body that governs the conduct of the actuarial profession in Australia. Among other things, it sets professional standards and a code of conduct by which all actuaries must abide, as well as setting the syllabus for qualification as an actuary.

Who can join the Actuaries Institute?

Anyone undertaking the actuarial program can join the Actuaries Institute. The application form may be found at:

 $\underline{http://www.actuaries.asn.au/becoming-an-actuary/becoming-a-member/becoming-a-student-member\,.}$

Your membership entitles you to access to Actuaries Digital, notifications and employment opportunities that are distributed via the Actuaries Institute.

When should I join the Actuaries Institute?

We suggest you consider joining the Actuaries Institute as soon as you enrol in the MCom (Actuarial Science) if you haven't previously. There are two advantages in joining as a student. Firstly, the joining fee and annual subscription are less if you join as a full-time student than if you wait until you finish your degree. Secondly, and more importantly, joining gives you access to the regular notices of employment opportunities that are distributed to members of the Actuaries Institute.

Further Information

Further information about the Actuaries Institute can be found on their website: http://www.actuaries.asn.au.

You can contact the Actuaries Institute in Sydney by email at: actuaries@actuaries.asn.au

Further information about the Institute of Actuaries and the Faculty of Actuaries can be found at

http://www.actuaries.org.uk.

All questions regarding these professional bodies, for example regarding exam dates, should be directed to the professional body and not to the Centre.

5. Staff of the Centre for Actuarial Studies

Contact Details

The Centre for Actuarial Studies is located on the third floor of the Faculty of Business and Economics Building at the University of Melbourne.

General enquiries: Telephone: (03) 8344 5289, (03) 8344 5355

Facsimile: (03) 8344 6899

Email: <u>econ-actenquiries@unimelb.edu.au</u>

Postal Address:

The Centre for Actuarial Studies Department of Economics The University of Melbourne Vic 3010

The Centre for Actuarial Studies website is http://fbe.unimelb.edu.au/economics/ACT.

Members of Staff

Director of the Centre for Actuarial Studies

Professor David Pitt (03) 8344 4728

david.pitt@unimelb.edu.au

Professors of Actuarial Studies

Professor Benjiamin Avanzi (03) 8344 8667

b.avanzi@unimelb.edu.au

Professor Shuanming Li (03) 8344 5616

shli@unimelb.edu.au

Associate Professor in Actuarial Studies

A/Prof. Ping Chen (03) 9035 8053

pche@unimelb.edu.au

A/Prof. Han Li (03) 8344 4655

han.li@unimelb.edu.au

A/Prof. Xueyuan Wu (03) 8344 7939

xueyuanw@unimelb.edu.au

A/Prof. Rui Zhou (03) 8344 8719

rui.zhou@unimelb.edu.au

Senior Lecturers in Actuarial Studies

Dr. Enrique Calderin (03) 8344 8176

enrique.calderin@unimelb.edu.au

Master of Commerce (Actuarial Science) Students' Guide2024

Centre for Actuarial Studies

Lecturer in Actuarial Studies

Dr. Yuyu Chen (03) 8344 5928

yuyu.chen@unimelb.edu.au

Emeritus Professor

Professor David Dickson <u>dcmd@unimelb.edu.au</u>

Honorary Senior Fellow

Mr. David Heath <u>dnheath@unimelb.edu.au</u>

Master of Commerce (Actuarial Science) contacts

Academic Program Director

A/Prof. Ping Chen Room 322, FBE Building (03) 9035 8053 ping.chen@unimelb.edu.au

For ALL enrollment related inquiries, please contact <u>Stop 1</u>. For general information, please see http://ask.unimelb.edu.au/



Prof. Benjamin Avanzi Dr. Enrique Calderin

A/Prof. Ping Chen



Dr. Yuyu Chen



A/Prof. Han Li



Prof. Shuanming Li



Prof. David Pitt



A/Prof. Xueyuan Wu



A/Prof. Rui Zhou