For many companies, measuring risk is incredibly difficult yet fundamental to success. A specialist skill set in this area could provide exponential career advancement.

Designed for technical, mathematical and scientific graduates, as well as professionals in the early stages of their careers, you’ll develop your proficiency in advanced analytical and mathematical systems, and learn to apply your knowledge in the complex worlds of economics, econometrics, business modelling and finance.

Course structure
The course is structured in three parts. Part A. Advanced preparatory, Part B. Mastery knowledge and Part C. Application studies. All students complete Part B. Depending on prior qualifications, you may receive credit for Part A or Part C or a combination of both.

<table>
<thead>
<tr>
<th>Part A.</th>
<th>Part B.</th>
<th>Part C.</th>
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</thead>
<tbody>
<tr>
<td>Advanced preparatory</td>
<td>Mastery knowledge</td>
<td>Application studies</td>
</tr>
<tr>
<td>(24 credit points)</td>
<td>(60 credit points)</td>
<td>(12 credit points)</td>
</tr>
</tbody>
</table>

**Part A.**
- Corporate finance 1
- Introductory econometrics
- Actuarial statistics
- Applied forecasting
- Advanced statistical modelling

**Part B.**
- Actuarial practice I
- Actuarial practice II
- Statistical thinking
- Introduction to machine learning
- Insurance and pensions
- Five units from the following:
  - Macroeconomics and monetary policy
  - Managerial economics
  - Probability and statistical inference for economics and business
  - Applied insurance methods
  - Financial mathematics under uncertainty
  - Financial econometrics
  - Foundations of quantitative finance

**Part C.**
- Two elective units
Entry requirements

An Australian bachelor degree (or equivalent) in a technical, mathematical, or scientific discipline with a Weighted Average Mark (WAM) of 65 or an equivalent GPA as determined by the School, including a statistics unit.

Applicants should be aware that the granting of exemptions from particular subjects may affect their ability to gain Actuaries Institute accreditation.

Where could it lead?

From small firms to the largest financial institutions, you can cement your career working in actuaries, forecasting, risk management and analytics. You’ll have the business acumen to move into senior roles, and a technical skill set that few business professionals can match.

Accreditation and professional recognition

You may also receive accreditation for the Foundation Program and most of the Actuary Program recognised by the Actuaries Institute, essential steps towards becoming a qualified Actuary. You will be prepared for careers in the business and financial sectors, with a specific focus on actuarial and mathematical modelling and forecasting roles.

Why choose Monash Business School?

A degree from Monash Business School comes with global recognition, to help you launch a successful career wherever you land. We hold the prestigious ‘triple accreditation’ with the world’s three major business school accreditation bodies – putting us in the top 1% of business schools worldwide.

But that’s not the only reason our graduates stand out. In an industry characterised by disruption, we’ll challenge you to broaden your outlook, think more creatively and put innovative ideas to the test.

ELIGIBILITY

<table>
<thead>
<tr>
<th>(in equivalent Australian qualification terms)</th>
<th>Duration (years)</th>
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</thead>
<tbody>
<tr>
<td>Bachelor in a related field², including completion of an introductory statistics unit</td>
<td>2</td>
</tr>
<tr>
<td>Bachelor (Hons) in a related field², OR Bachelor degree² + relevant expertise in a related field²</td>
<td>1.5</td>
</tr>
</tbody>
</table>

1. Even if you are eligible for a shorter course duration you may elect to complete the longer duration.
2. With a WAM of 65.
3. Related fields are technical, mathematical or scientific disciplines.
4. For example, by a relevant graduate certificate.

ENGLISH LANGUAGE REQUIREMENTS

All applicants must demonstrate English language proficiency at the required standard:

> IELTS (Academic): 6.5 overall, no band lower than 6.0, or equivalent approved English test. OR
> Tertiary study undertaken in an English medium institution; OR
> Other acceptable measures include a combination of approved qualifications and residence/work experience within an English speaking country.
> See https://www.monash.edu/admissions/english-language-requirements

Don’t meet the English language requirements?

Apply for the Monash Bridging Program
monashcollege.edu.au/courses/english/monash-english-bridging

“It’s not only about the knowledge. It’s also about the friendships, the extra-curricular activities and the chance to develop your skills from multiple perspectives. Monash is fully accredited by The Actuaries Institute and studying it here, it makes it much easier to get a job in the field. Studying allows me and my peers to easily navigate the job market.”

ERWIN WIBOWO
Actuarial Science student

The information in this flyer was correct at the time of publication (June 2021). Monash University reserves the right to alter this information should the need arise. You should always check with the relevant faculty office when considering a course.