



Analytics Institute
of Australia

Online

AIA Online

Flexible, Innovative & Engaged

analyticsinstitute.edu.au/Online



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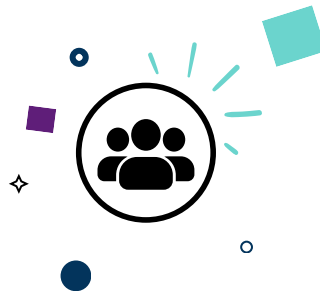
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Unlock data to find solutions

Take the lead in analytics and master the art of data cleansing, interpreting, and presenting data with confidence



Achieve a competitive edge faster

You can develop advanced analytical skills to enhance decision-making across various business areas



A unique qualification of its type

Gain an advantage with this unique undergraduate course in analytics designed to develop functional decision-makers through practical problem-solving

Why choose AIA Online?



Flexible
Engaged
Innovative

In today's data-driven world, your success depends on the skills you develop and your ability to stay ahead of emerging challenges, evolving technologies, and shifting career landscapes.

Your path to analytics

AIA Online equips you with specialised skills and expertise for significant career growth while offering the flexibility to study at your own pace with dedicated academic support, empowering you to adapt, stay relevant, and thrive in an ever-evolving professional landscape.

- Flexible & cost-effective learning
- Study comfortably from any location
- Save money on education costs



100% Online

Modern course
material guided
by industry
collaboration.



Personalised,
online support





The AIA **Online** learning experience

- Access study tools anytime and anywhere with our flexible learning experience.
- Effortlessly navigate our advanced learning platform, no tech expertise is needed.
- Learn from industry-experienced faculty who guide you every step of the way.
- Engage with peers through study groups, idea exchanges, and a supportive network.
- Stay motivated with personalised support from your academic advisor and weekly webinars.
- Expand your professional network by connecting with peers and industry experts.
- Earn a globally recognised degree while advancing your career and balancing your personal life seamlessly.



What can you expect from our courses?

Learning content format

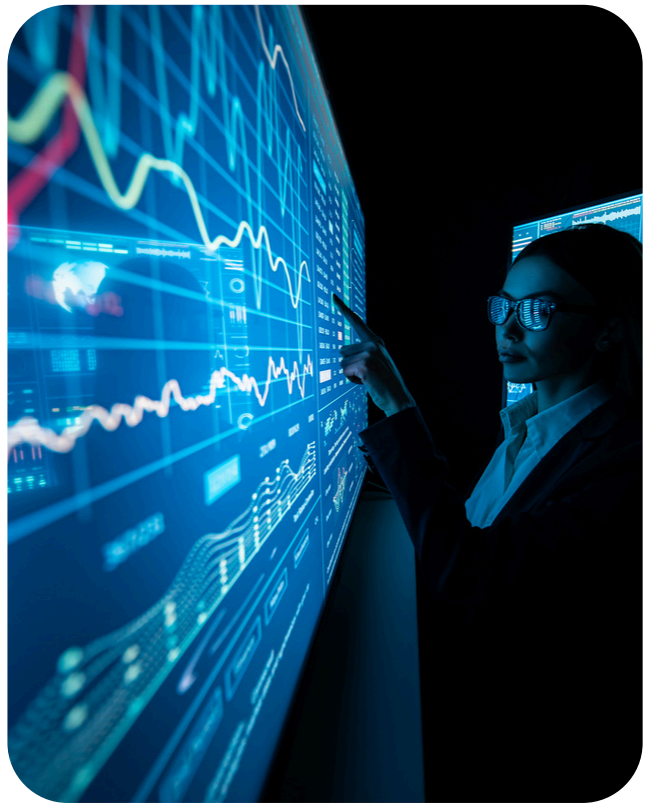
Use the online forum to introduce yourself to your classmates and course advisor. Join study groups and easily access key course details, including topics, instructors, required readings, assignment due dates, and grading criteria.

Discussion boards

Engage with a variety of learning materials, including videos, text-based content, and animations. Each week's content is thoughtfully structured around specific learning objectives and course outcomes, helping you track your progress and stay prepared for upcoming topics.

Assessments

All AIA graduate programs include rigorous assessments such as case studies, reports, online discussions, and interactive activities. Designed for practical, career-focused learning, these assessments ensure real-world relevance. With AIA Online, assessments are designed to be flexible, accessible from anywhere, and tailored to support your learning journey.



Synchronised study sessions

Discussion boards are available throughout each course, fostering critical thinking and active engagement. Instructors use tagging and reply features to share essential program and course information. Moderated by course instructors, these discussions may also count toward participation grades, depending on the course.

“ For organisations looking to adapt in an uncertain climate, predictive and prescriptive analytics are critical tools. They identify where an organisation should focus its resources, to prepare for and respond to new challenges.

Prof. Phil Bolton
Chair, Industry Advisory Board

”

Bachelor of Analytics

By 2030, global data generation is projected to reach approximately 603 exabytes per day, amounting to around 220 zettabytes each year. In Australia, it is anticipated that by 2035, 30 billion terabytes of data will be downloaded annually. This immense growth in data creation is fueling a skyrocketing demand for qualified analytics experts.¹

Seek predicts a 27.7% growth in data analyst employment opportunities across Australia over the next five years, with demand spreading nationwide and many roles offering remote work flexibility.

The AIA Online **Bachelor of Analytics** is designed for professionals looking to expand their career opportunities and gain the expertise, confidence, and skills to shape organisational decisions through data.

Offered **100% online**, this program allows you to continue working full-time while acquiring the analytical skills necessary to advance your career. You can apply the knowledge gained immediately, regardless of your industry.

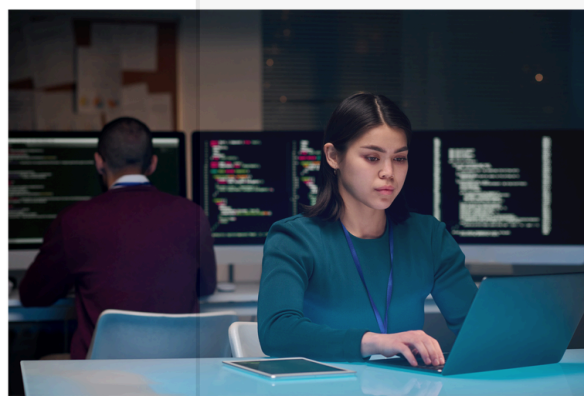
¹ CSIRO Tomorrow's Digitally Enabled Workforce



Program Details

Bachelor of Analytics | AIA Online

Graduate with a competitive edge through our **100% Online** Bachelor of Analytics. The course is designed to meet the demands of emerging markets, equipping you with the digital skills and expertise needed to thrive in an evolving professional landscape. The course incorporates cutting-edge analytics technologies & tools as well as industry certifications that are essential for building successful careers globally. It also incorporates obtaining real-life professional work experience through our wide network of industry partners.



The Bachelor of Business Analytics (AQF Level 7) equips students with the skills to apply analytics tools for data-driven decision-making and organisational transformation.

The course covers:

- Level 100: Fundamentals of business operations in a digital world and key analytics concepts.
- Level 200: Application of analytics models and tools to drive business value.
- Level 300: Ethical digital strategy implementation and hands-on workplace experience.

Graduates receive a **SAS certification badge** and can pursue further studies in business intelligence, data science, or specialised analytics fields.



Course Structure

YEAR 01

- ANA101 Fundamentals of Business Statistics
- ANA104 Database for Business Intelligence
- ANA103 Data Analytics Fundamentals
- BUS103 Strategic Management
- Elective Unit 1
- Elective Unit 2
- ANA102 Tools for Data Exploration
- ANA105 Data Analytics with R

YEAR 02

- Elective Unit 3
- ANA201 Statistical Applications in Data Science (*ANA101)
- BUS203 Project Management
- BUS205 Digital Ethics
- Elective Unit 4
- ANA202 Visual Analytics (*ANA101, ANA102)
- ANA203 Data Wrangling and Analysis with Python (*ANA105)
- ANA204 Predictive Analytics (*ANA101, ANA103)

YEAR 03

- Elective Unit 5
- BUS301 Business Process Management (*All Level 100 and 200 units)
- BUS303 Measuring Transformation Success (*All Level 100 and 200 units)
- CX201 Introduction to CX Strategy Design (*CX102)
- CX301 CX Implementation and Measurement (*CX201)
- ANA302 Consumer Analytics (*ANA202, ANA203)
- Elective Unit 6
- WIL301 Work Integrated Learning (Capstone) (*All Level 100 and 200 core units)

ENTRY REQUIREMENTS

Applicants need to have completed secondary school education (within the past two years). Applicants with older qualifications are requested to contact our admissions Team to confirm eligibility.

The enrolment pre-requisites to be confirmed are: having equivalent to Victorian Certificate of Education (VCE) units 3 and 4 with a study score of at least 30 in English (EAL) or (at least 25 in English other than EAL) and units 3 and 4 with a study score of at least 20 in one of Mathematical Methods or Specialist Mathematics. International applicants need to be able to confirm English proficiency. The Minimum requirement is IELTS 6.0 with no band less than 5.5 or equivalent.

ELECTIVE BANK

Set A – Business Analytics

BAN106 MIS and Business Systems Planning

BAN107 Software Engineering

BAN206 Systems Analysis and Design (*BAN106)

BAN207 Systems Development (*BAN107)

BAN306 Business Process Reengineering and AI (*BAN206)

BAN307 Enterprise Architecture (*BAN207)

Set B – Business

BUS101 The Macroeenvironment in Business

BUS102 Fundamentals of Management

BUS201 Disruption and the Fourth Industrial Revolution

BUS202 Target Operating Models

BUS301 Business Process Management (*All Level 100 and 200 units)

BUS303 Measuring Transformation Success (*All Level 100 and 200 units)

Set C – Customer Experience

CX101 Introduction to Design in Business

CX102 Introduction to Customer Experience Design (*CX101)

WIL102 Work Integrated Learning (foundations)

CX201 Introduction to CX Strategy Design (*CX102)

EP201 E-Portfolio A

CX301 CX Implementation and Measurement (*CX201)

EP301 E-Portfolio B (*EP201)

ASSESSMENT METHODS

Students learn through a variety of activities: class discussions, case study analysis, business report writing, research work, practical problem-solving, team building, role-play, debates and self-reflections.

In the final year of the course, students will undertake a work-integrated learning unit (120 hours of work placement) or equivalent, designed to be a capstone unit for the course.

Assessment types include case studies, projects, reports and presentations, problem-solving, reflections and journals, tests and quizzes and a small number of examinations.



Career Pathways

Graduates will master data modelling tools to analyse big data, apply **analytics** in decision-making, and engage professionally in workplace collaboration.



Data Scientist

Avg. salary \$120,000/year*



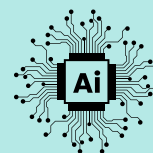
Data Analyst

Avg. salary \$110,000/year*



Quantitative Analyst

Avg. salary \$120,000/year*



Marketing Specialist

Avg. salary \$105,000/year*



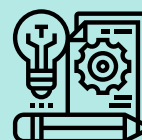
Data Engineer

Avg. salary \$130,000/year*



Risk Analyst

Avg. salary \$115,000/year*



*(Seek, 2025)



Bachelor of Business Transformation

The AIA Online Bachelor of Business Transformation is designed for professionals as well as for those who are striving towards professional careers involving driving the transformational processes forward to become instrumental forces in creating the brave new world.

Business Transformations enable organisations to radically reinvent how work gets done at an enterprise scale, create new business models, and modernise technologies to unlock new business value. (IBM, 2024)

Offered 100% online, this course allows you to continue working full-time while acquiring the business transformation skills & experience essential for building successful careers in business transformation or taking your current career to the next level.

As the course is truly “hands-on”, you can apply the knowledge gained immediately, regardless of your industry.



Program Details

Bachelor of Business Transformation | AIA Online

Graduate with a competitive edge through our **100% Online** Bachelor of Business Transformation. The course is tailored to the demands of the emerging marketplaces and will arm you with business transformation skills & capabilities to tackle current, emerging & future challenges of the workplaces. The course incorporates up-to-date business & digital transformation technologies, business analytics certifications and opportunities to gain real-life industry experience within transformational projects' environments.



What sets this program apart?

- Industry-Relevant Curriculum – Learn from experts in business transformation, analytics, automation, and digital strategy.
- Real-World Application – Work on hands-on projects to tackle real industry challenges.
- Certifications – Boost your credentials with sought-after business analytics certifications.
- Flexible & Online – Study at your own pace while balancing work and life.
- Future-Ready Careers – Prepare for high-demand roles like Business Transformation Manager and Digital Strategy Consultant.



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- CX101 Introduction to Design in Business
- ANA103 Data Analytics Fundamentals
- BUS103 Strategic Management
- BUS102 Fundamentals of Management
- ANA102 Tools for Data Exploration
- Elective Unit 1
- Elective Unit 2

YEAR 02

- Elective Unit 3
- BUS101 The Macroeenvironment in Business
- BUS203 Project Management
- BUS205 Digital Ethics
- BUS202 Target Operating Models
- CX102 Introduction to Customer Experience Design(*CX101)
- ANA202 Visual Analytics (*ANA101, ANA102)
- Elective Unit 4

YEAR 03

- Elective Unit 5
- BUS301 Business Process Management (*All Level 100 and 200 units)
- BUS303 Measuring Transformation Success (*All Level 100 and 200 units)
- CX201 Introduction to CX Strategy Design (*CX102)
- CX301 CX Implementation and Measurement (*CX201)
- ANA302 Consumer Analytics (*ANA202, ANA203)
- Elective Unit 6
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BAN106 MIS and Business Systems Planning

BAN107 Software Engineering

BAN206 Systems Analysis and Design (*BAN106)

BAN207 Systems Development (*BAN107)

BAN306 Business Process Reengineering and AI (*BAN206)

BAN307 Enterprise Architecture (*BAN207)

Set B – Analytics

ANA104 Databases for Business Intelligence

ANA105 Data Analytics with R

ANA201 Statistical Applications in Data Science (*ANA101)

ANA203 Data Wrangling and Analysis with Python (*ANA105)

ANA204 Predictive Analytics (*ANA101, ANA103)

ANA301 Social Media Analytics (*ANA202, ANA203)

Set C – General

WIL101 Work Integrated Learning (foundations)

ANA105 Data Analytics with R

BUS201 Disruption and the Fourth Industrial Revolution

EP201 E-Portfolio A

BUS304 Communication and Data Storytelling

EP301 E-Portfolio B (*EP201)

ASSESSMENT METHODS

Students learn through a variety of activities: class discussions, case study analysis, business report writing, research work, practical problem-solving, team building, role-play, debates and self-reflections.

In the final year of the course, students will undertake a work-integrated learning unit (120 hours of work placement) or equivalent, designed to be a capstone unit for the course.

Assessment types include case studies, projects, reports and presentations, problem-solving, reflections and journals, tests and quizzes and a small number of examinations.



Career Pathways

Graduates will develop expertise in **business transformation**, analytics, and strategy, applying critical thinking to drive organisational change and innovation.



Business Consultant

Avg salary \$130,000/year*



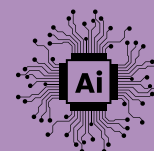
Information Manager

Avg salary \$110,000/year*



Investment Analyst

Avg salary \$150,000/year*



Market Analyst

Avg salary \$110,000/year*



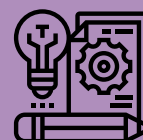
Venture Capitalist

Avg salary \$130,000/year*



Information Analyst

Avg salary \$120,000/year*



*(Seek, 2025)



How to Apply

Interested in studying the Bachelor of Analytics or Bachelor of Business Transformation with AIA Online?



1 Prepare your documents

You will need academic transcripts, certificate and documents that support any past studies and employment history if applicable.

Our admissions team are available to assist you with the different document types you'll need to submit as part of your application.

2 Apply Online

Once you have your documents ready, visit our website to start your online [application](#).

3 Offer letter

Once your application is accepted, you'll receive an offer letter from AIA. Simply accept the offer and complete your payment to secure your spot.

4 Enrolment

Once your payment is confirmed, you'll be enrolled in your program and receive your login ID, academic calendar, and class schedule.

5 Start learning

Begin your educational journey with confidence.

HAVE QUESTIONS?

Schedule a call with us at a time that suits you.

BOOK A TIME



+61 405 762 772

Essential Information

STUDENT SUPPORT

The Learning Management System (Canvas) is accessible 24/7 and students have access to course material from anywhere, anytime. The e-library contains online resources to support learning with their readings and assessments. Academic support is provided by faculty staff, with lecturers available for consultations during designated periods. For more information, visit

<https://analyticsinstitute.edu.au/student-support/>

COURSE CONTENTS

<https://analyticsinstitute.edu.au/online-analytics>

GOVERNANCE

<https://analyticsinstitute.edu.au/governance>

MODE OF DELIVERY

- Online

ACADEMIC CALENDAR

<https://analyticsinstitute.edu.au/academic-calendar/>

FEES AND REFUNDS

<https://analyticsinstitute.edu.au/fees-and-charges/>

AIA POLICIES AND PROCEDURES

<https://analyticsinstitute.edu.au/policies-and-procedures/>

ADMISSIONS TRANSPARENCY

<https://analyticsinstitute.edu.au/admissions-transparency/>

ATAR CALCULATIONS

<https://analyticsinstitute.edu.au/atar-calculations/>

APPLICATION PROCESS

<https://analyticsinstitute.edu.au/application-process/>





Analytics Institute
of Australia

Online



marketing@analyticsinstitute.edu.au



+61 405 762 772



Part Level 10, 601 Bourke St, Melbourne

analyticsinstitute.edu.au/Online



@analyticsiaustralia