

BUSINESS ANALYTICS, TESTAMUR MAJOR (T130)

Effective from: 2022

Western Sydney University Major Code: T130

Previous Code: MT2041.1

Available to students in other Western Sydney University programs?
No

Generating and communicating information and insight from increasingly diverse and growing sources of big data for business decision-making is a crucial asset for any organisation. Starting with a framework for applying data analysis tools for business analytics, this major develops a blend of skills from mathematics, statistics, data science and computing. Students will acquire knowledge and understanding in the continually developing areas of artificial intelligence, and applications of big data.

Location

| Campus | Mode | Advice |
|-----------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Parramatta City Campus-Macquarie Street | Internal | Program Advice (https:// directory.westernsydney.edu.au/ search/email/ business.courses@westernsydney.edu.au) |
| Surabaya Campus, Indonesia (commenced Sept 2025) | Internal | Program Advice (https:// directory.westernsydney.edu.au/ search/email/ business.courses@westernsydney.edu.au) |

Inherent Requirements

There are inherent requirements for this major that you must meet in order to complete the major and graduate. Make sure you read and understand the requirements for this major online.

Inherent Requirements ([http://
www.uws.edu.au/ir/inherent_requirements/
inherent_requirements_for_accounting_courses/](http://www.uws.edu.au/ir/inherent_requirements/inherent_requirements_for_accounting_courses/))

Major Structure 2026

This structure applies to students who commenced in 2026 or later. If you commenced in 2025 or earlier, please refer to the relevant Structure tab for details.

Qualification for this major requires the successful completion of 80 credit points including all of the core subjects listed below.

Core Subjects for this Major

2786 Bachelor of Business (Business Analytics) Testamur major students must complete the following subjects. Please refer to the recommended sequence in the Sequence tab.

Please note: Excludes students enrolled in 3687 Bachelor of Information Systems OR 3688 Bachelor of Information Systems Advanced OR 3744 Bachelor of Information Systems/Bachelor of Business OR 3745 Bachelor of Information Systems Advanced/Bachelor of Business:

| Subject | Title | Credit Points |
|-----------|------------------------------------|---------------|
| BUSM 1042 | Introduction to Business Analytics | 10 |
| COMP 1013 | Analytics Programming | 10 |

| | | |
|----------------------------|---------------------------------|-----------|
| FINC 3021 | Financial Modelling and FinTech | 10 |
| COMP 1014 | Thinking About Data | 10 |
| COMP 3032 | Machine Learning | 10 |
| COMP 3002 | Applications of Big Data | 10 |
| COMP 3020 | Social Web Analytics | 10 |
| BUSM 3081 | Business Analytics Project | 10 |
| Total Credit Points | | 80 |

Bachelor of Business Core

Students undertaking the Accounting major take the following subjects to satisfy the core requirements of the Bachelor of Business program.

| Subject | Title | Credit Points |
|----------------------------|----------------------------------------|---------------|
| BUSM 1050 | People and Organisations | 10 |
| FINC 1005 | Financial Foundations | 10 |
| MKTG 1014 | Marketing in Action | 10 |
| ECON 1016 | Evidence-Based Decision Making | 10 |
| BUSM 2050 | Digital Transformation for Business | 10 |
| ECON 1017 | The Future of Business | 10 |
| BUSM 1048 | Professional Careers and Employability | 10 |
| BUSM 3084 | Professional Business Experience | 10 |
| Total Credit Points | | 80 |

Core Subjects for 3744/3745:

Students enrolled in 3744 Bachelor of Information Systems/Bachelor of Business or 3745 Bachelor of Information Systems Advanced/Bachelor of Business must complete the following subjects in the Business Analytics Testamur major:

| Subject | Title | Credit Points |
|----------------------------|--------------------------------|---------------|
| COMP 1014 | Thinking About Data | 10 |
| COMP 1013 | Analytics Programming | 10 |
| COMP 2025 | Introduction to Data Science | 10 |
| COMP 2026 | Visual Analytics | 10 |
| COMP 3002 | Applications of Big Data | 10 |
| COMP 3020 | Social Web Analytics | 10 |
| COMP 3032 | Machine Learning | 10 |
| BUSM 3004 | Contemporary Management Issues | 10 |
| Total Credit Points | | 80 |

Core Subjects for 3687/3688:

Students enrolled in 3687 Bachelor of Information Systems or 3688 Bachelor of Information Systems Advanced must complete the following subjects in the Business Analytics Testamur major:

| Subject | Title | Credit Points |
|----------------------------|------------------------------|---------------|
| COMP 1014 | Thinking About Data | 10 |
| COMP 1013 | Analytics Programming | 10 |
| COMP 2025 | Introduction to Data Science | 10 |
| COMP 2026 | Visual Analytics | 10 |
| COMP 3002 | Applications of Big Data | 10 |
| COMP 3020 | Social Web Analytics | 10 |
| COMP 3032 | Machine Learning | 10 |
| BUSM 3081 | Business Analytics Project | 10 |
| Total Credit Points | | 80 |

Recommended Sequence 2026

This sequence applies to students who commenced in 2026 or later. If you commenced in 2025 or earlier, please refer to the relevant Sequence tab for details.

(Note: Students in 3687/3688/3744/3745 will complete the specified core subjects for this major listed in the Structure tab)

Full-time, start year intake (2786 Bachelor of Business (Business Analytics) Testamur Major students only)

| Course | Title | Credit Points |
|----------------------------|----------------------------------------|---------------|
| Year 1 | | |
| Autumn session | | |
| BUSM 1050 | People and Organisations | 10 |
| FINC 1005 | Financial Foundations | 10 |
| MKTG 1014 | Marketing in Action | 10 |
| ECON 1017 | The Future of Business | 10 |
| Credit Points | | 40 |
| Spring session | | |
| ECON 1016 | Evidence-Based Decision Making | 10 |
| BUSM 1048 | Professional Careers and Employability | 10 |
| BUSM 1042 | Introduction to Business Analytics | 10 |
| Select one elective | | 10 |
| Credit Points | | 40 |
| Year 2 | | |
| Autumn session | | |
| COMP 1013 | Analytics Programming | 10 |
| BUSM 2050 | Digital Transformation for Business | 10 |
| Select two electives | | 20 |
| Credit Points | | 40 |
| Spring session | | |
| FINC 3021 | Financial Modelling and FinTech | 10 |
| COMP 1014 | Thinking About Data | 10 |
| Select two electives | | 20 |
| Credit Points | | 40 |
| Year 3 | | |
| Autumn session | | |
| COMP 3002 | Applications of Big Data | 10 |
| BUSM 3084 | Professional Business Experience | 10 |
| Select two electives | | 20 |
| Credit Points | | 40 |
| Spring session | | |
| COMP 3020 | Social Web Analytics | 10 |
| BUSM 3081 | Business Analytics Project | 10 |
| COMP 3032 | Machine Learning | 10 |
| Select one elective | | 10 |
| Credit Points | | 40 |
| Total Credit Points | | 240 |

Part-time, start year intake (2786 Bachelor of Business (Business Analytics) Testamur Major students only)

| Course | Title | Credit Points |
|-----------------------|----------------------------------------|---------------|
| Year 1 | | |
| Autumn session | | |
| ECON 1017 | The Future of Business | 10 |
| BUSM 1050 | People and Organisations | 10 |
| Credit Points | | 20 |
| Spring session | | |
| FINC 1005 | Financial Foundations | 10 |
| MKTG 1014 | Marketing in Action | 10 |
| Credit Points | | 20 |
| Year 2 | | |
| Autumn session | | |
| ECON 1016 | Evidence-Based Decision Making | 10 |
| BUSM 1042 | Introduction to Business Analytics | 10 |
| Credit Points | | 20 |
| Spring session | | |
| BUSM 1048 | Professional Careers and Employability | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |
| Year 3 | | |
| Autumn session | | |
| COMP 1013 | Analytics Programming | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |
| Spring session | | |
| COMP 1014 | Thinking About Data | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |
| Year 4 | | |
| Autumn session | | |
| BUSM 2050 | Digital Transformation for Business | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |
| Spring session | | |
| FINC 3021 | Financial Modelling and FinTech | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |
| Year 5 | | |
| Autumn session | | |
| COMP 3002 | Applications of Big Data | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |
| Spring session | | |
| BUSM 3084 | Professional Business Experience | 10 |
| COMP 3032 | Machine Learning | 10 |
| Credit Points | | 20 |
| Year 6 | | |
| Autumn session | | |
| COMP 3020 | Social Web Analytics | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |

Spring session

| | | |
|----------------------------|----------------------------|------------|
| BUSM 3081 | Business Analytics Project | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |
| Total Credit Points | | 240 |

Surabaya Campus, Indonesia Intake (commences Sept 2025)

This sequence is for Surabaya students ONLY and available from September 2025

| Subject | Title | Credit Points |
|----------------------------|------------------------------------------|---------------|
| Year 1 | | |
| Surabaya Semester 1 | | |
| BUSM 1050 | People and Organisations | 10 |
| FINC 1005 | Financial Foundations | 10 |
| MKTG 1014 | Marketing in Action | 10 |
| ECON 1017 | The Future of Business | 10 |
| CULT 1030 | Pancasila | 5 |
| Surabaya Semester 2 | | |
| ECON 1016 | Evidence-Based Decision Making | 10 |
| BUSM 1048 | Professional Careers and Employability | 10 |
| BUSM 1042 | Introduction to Business Analytics | 10 |
| FINC 1006 | Financial Institutions and Technology | 10 |
| CULT 1031 | Civic Education | 5 |
| Year 2 | | |
| Surabaya Semester 1 | | |
| BUSM 2050 | Digital Transformation for Business | 10 |
| COMP 1013 | Analytics Programming | 10 |
| FINC 2003 | Corporate Finance (UG) | 10 |
| LANG 1036 | Indonesian Language | 5 |
| Surabaya Semester 2 | | |
| FINC 3021 | Financial Modelling and FinTech | 10 |
| COMP 1014 | Thinking About Data | 10 |
| COMP 3002 | Applications of Big Data | 10 |
| ECON 1011 | Principles of Economics | 10 |
| PHIL 1008 | Religion | 5 |
| Year 3 | | |
| Surabaya Semester 1 | | |
| COMP 3032 | Machine Learning | 10 |
| BUSM 3084 | Professional Business Experience | 10 |
| FINC 3017 | Property Investment and Finance | 10 |
| Surabaya Semester 2 | | |
| COMP 3020 | Social Web Analytics | 10 |
| BUSM 3081 | Business Analytics Project | 10 |
| FINC 3015 | Security Analysis and Business Valuation | 10 |
| BUSM 3091 | Innovation and Entrepreneurship | 10 |
| Total Credit Points | | 240 |

Major Structure 2025

This structure applies to students who commenced in 2025. If you commenced in 2026 or in 2024 or earlier, please refer to the relevant Structure tab for details.

Qualification for this major requires the successful completion of 80 credit points including all of the core subjects listed below.

Core Subjects for this Major

2786 Bachelor of Business (Business Analytics) Testamur major students must complete the following subjects. Please refer to the recommended sequence in the Sequence tab.

Please note: Excludes students enrolled in 3687 Bachelor of Information Systems OR 3688 Bachelor of Information Systems Advanced OR 3744 Bachelor of Information Systems/Bachelor of Business OR 3745 Bachelor of Information Systems Advanced/Bachelor of Business):

| Subject | Title | Credit Points |
|----------------------------|------------------------------------|---------------|
| BUSM 1042 | Introduction to Business Analytics | 10 |
| COMP 1013 | Analytics Programming | 10 |
| COMP 2026 | Visual Analytics | 10 |
| COMP 2025 | Introduction to Data Science | 10 |
| ECON 3006 | Economic and Financial Modelling | 10 |
| INFO 3003 | Human-Computer Interaction | 10 |
| COMP 3002 | Applications of Big Data | 10 |
| COMP 3020 | Social Web Analytics | 10 |
| Total Credit Points | | 80 |

Professional Subjects

Bachelor of Business students undertaking the Business Analytics major are advised to take the following four subjects to satisfy the requirements for their professional core:

| Subject | Title | Credit Points |
|-----------|--------------------------------|---------------|
| BUSM 3006 | Design Thinking for Creativity | 10 |
| BUSM 3081 | Business Analytics Project | 10 |
| MATH 1030 | Statistics for Business | 10 |
| BUSM 2041 | Working in Professions | 10 |

Core Subjects for 3744/3745:

Students enrolled in 3744 Bachelor of Information Systems/Bachelor of Business or 3745 Bachelor of Information Systems Advanced/Bachelor of Business must complete the following subjects in the Business Analytics Testamur major:

| Subject | Title | Credit Points |
|----------------------------|--------------------------------|---------------|
| COMP 1014 | Thinking About Data | 10 |
| COMP 1013 | Analytics Programming | 10 |
| COMP 2025 | Introduction to Data Science | 10 |
| COMP 2026 | Visual Analytics | 10 |
| COMP 3002 | Applications of Big Data | 10 |
| COMP 3020 | Social Web Analytics | 10 |
| COMP 3032 | Machine Learning | 10 |
| BUSM 3004 | Contemporary Management Issues | 10 |
| Total Credit Points | | 80 |

Core Subjects for 3687/3688:

Students enrolled in 3687 Bachelor of Information Systems or 3688 Bachelor of Information Systems Advanced must complete the following subjects in the Business Analytics Testamur major:

| Subject | Title | Credit Points |
|-----------|-----------------------|---------------|
| COMP 1014 | Thinking About Data | 10 |
| COMP 1013 | Analytics Programming | 10 |

| | | |
|----------------------------|------------------------------|-----------|
| COMP 2025 | Introduction to Data Science | 10 |
| COMP 2026 | Visual Analytics | 10 |
| COMP 3002 | Applications of Big Data | 10 |
| COMP 3020 | Social Web Analytics | 10 |
| COMP 3032 | Machine Learning | 10 |
| BUSM 3081 | Business Analytics Project | 10 |
| Total Credit Points | | 80 |

Recommended Sequence 2025

This sequence applies to students who commenced in 2025. If you commenced in 2026 or in 2024 or earlier, please refer to the relevant Sequence tab for details.

(Note: Students in 3687/3688/3744/3745 will complete the specified core subjects for this major listed in the Structure tab)

Full-time, start year intake (2786 Bachelor of Business (Business Analytics) Testamur Major students only)

| Course | Title | Credit Points |
|-----------------------|---------------------------------------------------------|---------------|
| Year 1 | | |
| Autumn session | | |
| BUSM 1010 | Financing Enterprises | 10 |
| LAWS 1001 | Enterprise Law | 10 |
| BUSM 1042 | Introduction to Business Analytics | 10 |
| MATH 1030 | Statistics for Business | 10 |
| Credit Points | | 40 |
| Spring session | | |
| BUSM 1008 | Enterprise Leadership | 10 |
| BUSM 1006 | Enterprise Innovation and Markets | 10 |
| COMP 2025 | Introduction to Data Science | 10 |
| Select one elective | | 10 |
| Credit Points | | 40 |
| Year 2 | | |
| Autumn session | | |
| COMP 1013 | Analytics Programming | 10 |
| INFO 3003 | Human-Computer Interaction | 10 |
| COMP 2026 | Visual Analytics | 10 |
| Select one elective | | 10 |
| Credit Points | | 40 |
| Spring session | | |
| ECON 3006 | Economic and Financial Modelling | 10 |
| BUSM 2041 | Working in Professions | 10 |
| Select two electives | | 20 |
| Credit Points | | 40 |
| Year 3 | | |
| Autumn session | | |
| COMP 3002 | Applications of Big Data | 10 |
| BUSM 3006 | Design Thinking for Creativity | 10 |
| Select two electives | | 20 |
| Credit Points | | 40 |
| Spring session | | |
| COMP 3020 | Social Web Analytics | 10 |
| BUSM 3081 | Business Analytics Project (Enterprise Engaged Subject) | 10 |

| | |
|----------------------------|------------|
| Select two electives | 20 |
| Credit Points | 40 |
| Total Credit Points | 240 |

Part-time, start year intake (2786 Bachelor of Business (Business Analytics) Testamur Major students only)

| Course | Title | Credit Points |
|-----------------------|------------------------------------|---------------|
| Year 1 | | |
| Autumn session | | |
| BUSM 1010 | Financing Enterprises | 10 |
| LAWS 1001 | Enterprise Law | 10 |
| Credit Points | | 20 |
| Spring session | | |
| BUSM 1042 | Introduction to Business Analytics | 10 |
| MATH 1030 | Statistics for Business | 10 |
| Credit Points | | 20 |
| Year 2 | | |
| Autumn session | | |
| BUSM 1008 | Enterprise Leadership | 10 |
| COMP 2026 | Visual Analytics | 10 |
| Credit Points | | 20 |
| Spring session | | |
| BUSM 1006 | Enterprise Innovation and Markets | 10 |
| COMP 2025 | Introduction to Data Science | 10 |
| Credit Points | | 20 |
| Year 3 | | |
| Autumn session | | |
| COMP 1013 | Analytics Programming | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |
| Spring session | | |
| BUSM 2041 | Working in Professions | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |
| Year 4 | | |
| Autumn session | | |
| Select two electives | | 20 |
| Credit Points | | 20 |
| Spring session | | |
| ECON 3006 | Economic and Financial Modelling | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |
| Year 5 | | |
| Autumn session | | |
| INFO 3003 | Human-Computer Interaction | 10 |
| COMP 3002 | Applications of Big Data | 10 |
| Credit Points | | 20 |
| Spring session | | |
| BUSM 3006 | Design Thinking for Creativity | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |
| Year 6 | | |
| Autumn session | | |
| COMP 3020 | Social Web Analytics | 10 |

| | |
|-------------------------------------------------------------------|------------|
| Select one elective | 10 |
| Credit Points | 20 |
| Spring session | |
| BUSM 3081 Business Analytics Project (Enterprise Engaged Subject) | 10 |
| Select one elective | 10 |
| Credit Points | 20 |
| Total Credit Points | 240 |

Surabaya Campus, Indonesia Intake (commences Sept 2025)

This sequence is for Surabaya students ONLY and available from September 2025

| Subject | Title | Credit Points |
|----------------------------|------------------------------------------|---------------|
| Year 1 | | |
| Surabaya Semester 1 | | |
| LAWS 1001 | Enterprise Law | 10 |
| BUSM 1010 | Financing Enterprises | 10 |
| BUSM 1042 | Introduction to Business Analytics | 10 |
| MATH 1030 | Statistics for Business | 10 |
| CULT 1030 | Pancasila | 5 |
| Surabaya Semester 2 | | |
| BUSM 1008 | Enterprise Leadership | 10 |
| BUSM 1006 | Enterprise Innovation and Markets | 10 |
| COMP 2025 | Introduction to Data Science | 10 |
| COMP 1013 | Analytics Programming | 10 |
| CULT 1031 | Civic Education | 5 |
| Year 2 | | |
| Surabaya Semester 1 | | |
| INFO 3003 | Human-Computer Interaction | 10 |
| COMP 2026 | Visual Analytics | 10 |
| ECON 1003 | Financial Institutions and Markets | 10 |
| LANG 1036 | Indonesian Language | 5 |
| Surabaya Semester 2 | | |
| ECON 3006 | Economic and Financial Modelling | 10 |
| BUSM 2041 | Working in Professions | 10 |
| ECON 2002 | Corporate Financial Management | 10 |
| PHIL 1008 | Religion | 5 |
| Year 3 | | |
| Surabaya Semester 1 | | |
| BUSM 3006 | Design Thinking for Creativity | 10 |
| COMP 3020 | Social Web Analytics | 10 |
| INFS 2001 | Database Design and Development | 10 |
| ECON 3014 | International Finance | 10 |
| Surabaya Semester 2 | | |
| COMP 3002 | Applications of Big Data | 10 |
| BUSM 3081 | Business Analytics Project | 10 |
| FINC 3015 | Security Analysis and Business Valuation | 10 |
| BUSM 3036 | Leadership and Entrepreneurship | 10 |
| Total Credit Points | | 240 |

Major Structure 2024

This structure applies to students who commenced in 2024 or earlier. If you commenced 2025 or later, please refer to the relevant Structure tab for details.

Qualification for this major requires the successful completion of 80 credit points including all of the core subjects listed below.

Core Subjects for this Major

(Note: Students enrolled in 3687/3688 will complete the core subjects for this major in their elective spaces)

| Subject | Title | Credit Points |
|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------|
| BUSM 1042 | Introduction to Business Analytics | 10 |
| COMP 1005 | Programming Fundamentals | 10 |
| Note: Students enrolled in 3687/3688 must complete BUSM 1008 Enterprise Leadership instead of COMP 1005 Programming Fundamentals in this major | | |
| COMP 1013 | Analytics Programming | 10 |
| COMP 2025 | Introduction to Data Science | 10 |
| COMP 3032 | Machine Learning | 10 |
| COMP 2026 | Visual Analytics | 10 |
| COMP 3002 | Applications of Big Data | 10 |
| COMP 3020 | Social Web Analytics | 10 |
| Total Credit Points | | 80 |

Equivalent Subjects

The subjects listed below count towards completion of this program for students who passed these subjects in 2021 or earlier.

MATH 1002 Analytics Programming, replaced by COMP 1013 Analytics Programming

MATH 2009 Introduction to Data Science, replaced by COMP 2025 Introduction to Data Science

MATH 2014 Visual Analytics, replaced by COMP 2026 Visual Analytics

Professional Subjects

Students undertaking the Business Analytics major are advised to take the following four subjects to satisfy the requirements for their professional core:

| Subject | Title | Credit Points |
|-----------|--------------------------------|---------------|
| BUSM 3006 | Design Thinking for Creativity | 10 |
| BUSM 3081 | Business Analytics Project | 10 |
| MATH 1030 | Statistics for Business | 10 |
| BUSM 2041 | Working in Professions | 10 |

Recommended Sequence 2024

This sequence applies to students who commenced in 2024 or earlier. If you commenced 2025 or later, please refer to the relevant Sequence tab for details.

(Note: Students in 3687/3688 will only complete the core subjects for this major listed in the Structure tab)

Full-time (2786 Bachelor of Business (Business Analytics) Testamur Major students only)

| Course | Title | Credit Points |
|-----------------------|------------------------------------|---------------|
| Year 1 | | |
| Autumn session | | |
| BUSM 1010 | Financing Enterprises | 10 |
| LAWS 1001 | Enterprise Law | 10 |
| BUSM 1042 | Introduction to Business Analytics | 10 |

| | | |
|----------------------------|---------------------------------------------------------|------------|
| MATH 1030 | Statistics for Business | 10 |
| Credit Points | | 40 |
| Spring session | | |
| BUSM 1008 | Enterprise Leadership | 10 |
| COMP 1005 | Programming Fundamentals | 10 |
| BUSM 1006 | Enterprise Innovation and Markets | 10 |
| Select one elective | | 10 |
| Credit Points | | 40 |
| Year 2 | | |
| Autumn session | | |
| COMP 1013 | Analytics Programming | 10 |
| COMP 3032 | Machine Learning | 10 |
| Select two electives | | 20 |
| Credit Points | | 40 |
| Spring session | | |
| COMP 2025 | Introduction to Data Science | 10 |
| BUSM 2041 | Working in Professions | 10 |
| Select two electives | | 20 |
| Credit Points | | 40 |
| Year 3 | | |
| Autumn session | | |
| COMP 2026 | Visual Analytics | 10 |
| COMP 3002 | Applications of Big Data | 10 |
| BUSM 3006 | Design Thinking for Creativity | 10 |
| Select one elective | | 10 |
| Credit Points | | 40 |
| Spring session | | |
| COMP 3020 | Social Web Analytics | 10 |
| BUSM 3081 | Business Analytics Project (Enterprise Engaged Subject) | 10 |
| Select two electives | | 20 |
| Credit Points | | 40 |
| Total Credit Points | | 240 |

Equivalent Subjects

The subjects listed below count towards completion of this program for students who passed these subjects in 2021 or earlier.

MATH 1002 Analytics Programming, replaced by COMP 1013 Analytics Programming

MATH 2009 Introduction to Data Science, replaced by COMP 2025 Introduction to Data Science

MATH 2014 Visual Analytics, replaced by COMP 2026 Visual Analytics

Part-time (2786 Bachelor of Business (Business Analytics) Testamur Major students only)

| Course | Title | Credit Points |
|-----------------------|------------------------------------|---------------|
| Year 1 | | |
| Autumn session | | |
| BUSM 1010 | Financing Enterprises | 10 |
| LAWS 1001 | Enterprise Law | 10 |
| Credit Points | | 20 |
| Spring session | | |
| BUSM 1042 | Introduction to Business Analytics | 10 |
| MATH 1030 | Statistics for Business | 10 |
| Credit Points | | 20 |

Year 2

Autumn session

| | | |
|----------------------|--------------------------|-----------|
| BUSM 1008 | Enterprise Leadership | 10 |
| COMP 1005 | Programming Fundamentals | 10 |
| Credit Points | | 20 |

Spring session

| | | |
|----------------------|-----------------------------------|-----------|
| BUSM 1006 | Enterprise Innovation and Markets | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |

Year 3

Autumn session

| | | |
|----------------------|-----------------------|-----------|
| COMP 1013 | Analytics Programming | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |

Spring session

| | | |
|----------------------|------------------------|-----------|
| BUSM 2041 | Working in Professions | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |

Year 4

Autumn session

| | | |
|----------------------|------------------------------|-----------|
| COMP 2025 | Introduction to Data Science | 10 |
| COMP 3032 | Machine Learning | 10 |
| Credit Points | | 20 |

Spring session

| | | |
|----------------------|--|-----------|
| Select two electives | | 20 |
| Credit Points | | 20 |

Year 5

Autumn session

| | | |
|----------------------|--------------------------|-----------|
| COMP 2026 | Visual Analytics | 10 |
| COMP 3002 | Applications of Big Data | 10 |
| Credit Points | | 20 |

Spring session

| | | |
|----------------------|--------------------------------|-----------|
| BUSM 3006 | Design Thinking for Creativity | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |

Year 6

Autumn session

| | | |
|----------------------|----------------------|-----------|
| COMP 3020 | Social Web Analytics | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |

Spring session

| | | |
|----------------------------|---------------------------------------------------------|------------|
| BUSM 3081 | Business Analytics Project (Enterprise Engaged Subject) | 10 |
| Select one elective | | 10 |
| Credit Points | | 20 |
| Total Credit Points | | 240 |

Equivalent Subjects

The subjects listed below count towards completion of this program for students who passed these subjects in 2021 or earlier.

MATH 1002 Analytics Programming, replaced by COMP 1013 Analytics Programming

MATH 2009 Introduction to Data Science, replaced by COMP 2025 Introduction to Data Science

MATH 2014 Visual Analytics, replaced by COMP 2026 Visual Analytics

Related Programs

Bachelor of Arts/Bachelor of Business (1818) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-arts-bachelor-business/>)

Bachelor of Business (2786) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-business/>)

Bachelor of Business/Bachelor of Laws (2788) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-business-bachelor-laws/>)

Bachelor of Business/Bachelor of Laws (Honours) (2840) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-business-bachelor-laws-honours-/>)

Bachelor of Communication/Bachelor of Business (1819) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-communication-bachelor-business/>)

Bachelor of Engineering (Honours)/Bachelor of Business (3728) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-engineering-honours-bachelor-business/>)

Bachelor of Information Systems/Bachelor of Business (3744) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-information-systems-bachelor-business/>)

Bachelor of Information and Communications Technology/
Bachelor of Business (3737) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-information-communications-technology-bachelor-business/>)

Bachelor of Information Systems (3687) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-information-systems/>)

Bachelor of Information Systems Advanced (3688) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-information-systems-advanced/>)

Bachelor of International Studies/Bachelor of Business (1820) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-international-studies-bachelor-business/>)

Bachelor of Science/Bachelor of Business (4748) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-science-bachelor-business/>)

Diploma in Business/Bachelor of Business (6037) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/diploma-business-bachelor-business/>)