Program structure and sequence plans



| BN-13133 | | Master of Business D | ata Analytics (Professi | ional) | |
|----------------|----------------------------|--|--|--|------------|
| /ersion | 2 | | | | Jan Intake |
| | 2021 | DTSC71-100 | DTSC71-200 | ECON71-200 | |
| January | Semester 1 | Business Analytics Coding | Data Science | Linear Models and Applied Econometrics | |
| | 2021 | DTSC71-301 | DTSC71-302 | Analytic option | |
| May | Semester 2 | Applied Machine Learning | Statistical Learning and Regression Models | Choose a subject from the Analytic option | |
| | 2021 | DTSC71-300 | Analytic option | Analytic option | _ |
| September | Semester 3 | Infrastructure for Data Analytics | Choose a subject from the Analytic option | Choose a subject from the Analytic option | |
| | | Subject Catalogue | Major Catalogue | Program Catalogue | |
| | 2022 | Analytic option | Business option | General Elective PG | |
| January | Semester 1 | Choose a subject from the Analytic option | Choose a subject from the Business option | Choose any PG subject provided requirements are met. | |
| | 2022 | Alt. PROF | | | |
| May | Semester 2 | Choose either BUSN71-701 OR BUSN71-705 | | | |
| BN-13133 | | Master of Business D | ata Analytics (Professi | ional) | • |
| Version | 2 | | | | Sep Intake |
| | 2021 | DTSC71-100 | DTSC71-200 | Business option | |
| September | Semester 1 | Business Analytics Coding | Data Science | Choose a subject from the Business option | |
| | 2022 | DTSC71-300 | ECON71-200 | General Elective PG | |
| | | Infrastructure for Data Analytics | Linear Models and Applied | Choose any PG subject provided | |
| January | Semester 2 | Infrastructure for Data Analytics | Econometrics | requirements are met. | |
| January | Semester 2 | DTSC71-301 | Econometrics DTSC71-302 | requirements are met. Analytic option | |
| January May | | | | ļ · | - |
| | 2022 | DTSC71-301 | DTSC71-302 Statistical Learning and Regression | Analytic option Choose a subject from the Analytic | _ |
| | 2022 | DTSC71-301 Applied Machine Learning | DTSC71-302 Statistical Learning and Regression Models | Analytic option Choose a subject from the Analytic option | |
| | 2022 Semester 3 | DTSC71-301 Applied Machine Learning Subject Catalogue | DTSC71-302 Statistical Learning and Regression Models Major Catalogue | Analytic option Choose a subject from the Analytic option Program Catalogue | |
| May | 2022 Semester 3 2022 | DTSC71-301 Applied Machine Learning Subject Catalogue Analytic option Choose a subject from the Analytic | DTSC71-302 Statistical Learning and Regression Models Major Catalogue Analytic option Choose a subject from the Analytic | Analytic option Choose a subject from the Analytic option Program Catalogue Analytic option Choose a subject from the Analytic | |

Updated 16/03/2021

Program structure and sequence plans



GENERAL INFORMATION

Data Analytics has become one of the highest growth areas of academic and commercial practice. With applications in nearly all aspects of quantitative endeavours and information management, a skillset in analytics, statistical and machine learning is highly valued and sought after. The Master of Business Data Analytics (Professional) provides a platform to directly interface with industry leaders and develop both technical and organisational expertise. Class sizes are smaller, providing personalised support and unparalleled access to Bond University's Macquarie Trading Room and Bloomberg data-sourcing terminals. Focus within this program is on strategically sound recommendations and data-driven business decisions.

PROGRAM INFORMATION

SUBJECT INFORMATION

*Please note that the Professional Portfolio or Professional Development subject is a 20-week, 45-credit point subject and is taken in the last semester of the program once all other coursework subjects have been completed. The Career Development Centre will provide assistance in choosing the relevant professional subject prior to your last semester.

| BN-13133 | | Master of Business Data Analytics (Professional) | | | | |
|----------------|----|--|------------------------------|--------------------|---------|--|
| Version | 2 | | | | | |
| Total Subjects | 13 | Total Credit Points | 165 | Cricos Code | 098314E | |
| Structure | | 7 Required Subjects | 5 Directed Elective Subjects | 1 General Elective | | |

Assumed knowledge is the minimum level of knowledge of a subject area that students are assumed to have acquired through previous study. It is the responsibility of students to ensure they meet the assumed knowledge expectations of a specified subject. Students who do not possess this prior knowledge are strongly recommended against enrolling and do so at their own risk. No concessions will be made for students' lack of prior knowledge. Please check for all requirements on your subject outline prior to enrolement.

| | requirements on your subject outline prior to enrolement. | | | | | | | |
|--|---|--|--------------------------|------------------------|--|--|--|--|
| Available | Code | Title | Assumed Knowledge | Requisite | | | | |
| You must complete the following required subjects: | | | | | | | | |
| J/S | DTSC71-100 | Business Analytics Coding | | | | | | |
| J/S | DTSC71-200 | Data Science | | | | | | |
| J/S | DTSC71-300 | Infrastructure for Data Analytics | STAT71-112 | DTSC71-200 | | | | |
| M | DTSC71-301 | Applied Machine Learning | STAT71-112 | DTSC71-200 | | | | |
| M | DTSC71-302 | Statistical Learning and Regression Models | ECON71-200, DTSC71-200 | | | | | |
| J/M/S | ECON71-200 | Linear Models and Applied Econometrics | | | | | | |
| J/M/S | Analytic option 4 | Choose 4 subjects from the Analytic option | | | | | | |
| M/S | ACSC71-307 | Survival Analysis | | ACSC71-200 | | | | |
| J/S | DTSC71-303 | Data Analytics Case Studies | | DTSC71-301, DTSC71-302 | | | | |
| S | DTSC71-304 | Applied Data Analytics Project | | DTSC71-301, DTSC71-302 | | | | |
| M | DTSC71-305 | Financial Trading Systems | DTSC71-200 | | | | | |
| S | ECON71-300 | Advanced Econometrics | | ECON71-200 | | | | |
| M | FINC71-302 | Finance Applications and Analysis | FINC12-200 or FINC71-600 | | | | | |
| M | MKTG71-602 | Market Research | MKTG71-104 or MKTG71-600 | | | | | |
| J/M/S | Business option | Choose a subject from the Business option | | | | | | |
| J/M/S | ACCT71-600 | Accounting Principles | | | | | | |
| J/M | ECON71-600 | Economics for Business | | | | | | |
| J/M/S | FINC71-600 | Managerial Finance | | | | | | |
| M/S | MKTG71-600 | Marketing Fundamentals | | | | | | |
| J/M/S | Alt. PROF | Choose either BUSN71-701 OR BUSN71-705 | | | | | | |
| J/M/S | BUSN71-701 | Professional Portfolio | | | | | | |
| J/M/S | BUSN71-705 | Professional Development | | | | | | |
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