VARIATION AGREEMENT OF COLLABORATION AGREEMENT – ARTICULATION AND CREDIT RECOGNITION

Macquarie University ABN 90 952 801 237

and

National Economics University

Variation Agreement

THIS AGREEMENT is executed on the 11th day of July, 2025.

BETWEEN:

1. **MACQUARIE UNIVERSITY ABN 90 952 801 237** of Balaclava Road, Macquarie Park, NSW 2109 (**Macquarie**); and

2. **NATIONAL ECONOMICS UNIVERSITY** of 207 Giai Phong Road, Hanoi, Vietnam 100000 **(NEU)**

RECITALS

A. Macquarie and NEU are parties to the Original Agreement.

B. Macquarie and NEU have agreed to expand and update the list of Macquarie Courses to which Articulation may be available to students of NEU who wish to apply for entry into a Macquarie Course under the Original Agreement, and the parties have agreed to replace the Schedule to the Original Agreement to reflect the changes to that list of Macquarie Courses.

C. Clause 14.2 of the Original Agreement provides that the Original Agreement may only be varied in writing signed by Macquarie and NEU.

D. Macquarie and NEU agree that they will mutually benefit from the expansion and update of the list of Macquarie Courses (as set out in Attachment 1 to this Agreement) to which Articulation may be available to students of NEU who wish to apply for entry into a Macquarie Course under the Original Agreement.

E. In consideration of the matters referred to in paragraph D of the Recitals and the mutual promises of Macquarie and NEU that arise from the amendments made to the Original Agreement by this Agreement, Macquarie and NEU have agreed to amend the Original Agreement with effect from the Effective Date in the manner provided in this Agreement in order to give effect to paragraph B of these Recitals.

OPERATIVE PROVISIONS

1. DEFINITIONS AND INTERPRETATION

1.1 Definitions

(a) In this Agreement, unless the context otherwise requires (and unless they are defined or amended by this Agreement), words and phrases defined in the Hosting Agreement (as it existed prior to the Effective Date) have the same meaning in this Agreement.

(b) In this Agreement, unless the context otherwise requires:

Agreement means this Variation Agreement;

Effective Date means the date this Agreement is last signed by either of the parties;

Original Agreement means the Collaboration Agreement – Articulation and Credit Recognition dated 06 May 2022 between Macquarie and NEU that commenced on 06 May 2022 for a term of 5 years ending on 05 May 2027.

Variation Agreement means the Agreement to Amend the Collaboration Agreement – Articulation and Credit Recognition dated 29 November 2022 between Macquarie and NEU.

1.2 Rules for interpreting this Agreement

Clause 1.2 of the Original Agreement applies to this Agreement as if it was contained in this Agreement.

2. VARIATION

2.1 Variation

The Original Agreement as amended by the Variation Agreement is varied with effect from the Effective Date by deleting the Schedule to the Variation Agreement and replacing it with the Schedule attached to this Agreement as Attachment.

2.2 Agreement Supplemental

This Agreement is collateral and supplemental to the Original Agreement.

2.3 Confirmation

The parties acknowledge and confirm the variations of the Original Agreement as provided in this Agreement with effect from the Effective Date, and in all other respects confirm the terms and conditions of the Original Agreement as it existed immediately prior to the Effective Date.

3. GENERAL

3.1 Governing law

This Agreement is governed by the law in force in New South Wales, Australia.

3.2 Liability for expenses

Each party must pay its own expenses incurred in negotiating and executing this Agreement.

3.3 Giving effect to this Agreement

Each party must do anything (including execute any document), and must ensure that its employees and agents do anything (including execute any document), that the other party may reasonably require to give full effect to this Agreement.

3.4 Counterparts

This Agreement may be executed in two or more counterparts which when taken together will constitute one and the same instrument.

Signed on behalf of **MACQUARIE UNIVERSITY** by its authorised officer:

Signature of authorised officer

Ms. Lee-ann Norris

Name

Pro Vice-Chancellor (Future Students)

Position of authorised officer

11/07/2025

Date

In the presence of:

Signature of witness

Stephen Fan

Name

Position of witness

11/07/2025

Date

Signed on behalf of **NATIONAL ECONOMICS UNIVERSITY** by its authorised officer:

ĐẠI HỌC KINH TẾ QUỐC DÂN

Signature of authorised officer

PROF. PHAM HONG CHUONG

Name

Position of authorised officer

14. 07. 2025.

Date

In the presence of:

Signature of witness

HEAD DEPARTMENT OF INTERNATIONAL COOPERATION

Name

DAO THANH TUNG

Position of witness

11/07/2025

Date

ATTACHMENT - SCHEDULE TO COLLABORATION AGREEMENT – ARTICULATION AND CREDIT RECOGNITION

Part 1 –Macquarie Courses

Articulation to the following Macquarie Courses and Intakes will be available to students of NEU:

Course Code	Course Name	Available Intakes	Maximum Students	Minimum Students
C000016	Bachelor of Business Analytics	Session 1 (February) Session 2 (July)	N/A	1
C000130 (N000184)	Bachelor of Commerce, major in Accounting	Session 1 (February) Session 2 (July)	N/A	1
C000130 (N000185)	Bachelor of Commerce, major in Business Analytics	Session 1 (February) Session 2 (July)	N/A	1
C000130 (N000188)	Bachelor of Commerce, major in Economics	Session 1 (February) Session 2 (July)	N/A	1
C000130 (N000190)	Bachelor of Commerce, major in Finance	Session 1 (February) Session 2 (July)	N/A	1
C000130 (N000192)	Bachelor of Commerce, major in International Business	Session 1 (February) Session 2 (July)	N/A	1
C000130 (N000279)	Bachelor of Commerce, major in Marketing	Session 1 (February) Session 2 (July)	N/A	1
C000017	Bachelor of Applied Finance	Session 1 (February) Session 2 (July)	N/A	1
C000130 (N000190)	Bachelor of Commerce, major in Finance	Session 1 (February) Session 2 (July)	N/A	1
C000117	Bachelor of Actuarial Studies	Session 1 (February)	N/A	1
C000163	Master of Actuarial Practice	Session 1 (February) Session 2 (July)	N/A	1

Part 2 – Articulation Criteria and Available Credit Recognition

Subject to eligibility, the following entry criteria and credit recognition will apply to Prospective Students applying for Articulation to Macquarie from NEU:

NEU Course	Macquarie Course	Entry Criteria	Maximum Credit Granted	Credited Units (refer to Unit Mappings)
Bachelor of Arts major in Business Analytics	Bachelor of Business Analytics	Completion of 2 years of the relevant NEU course with min CGPA 2.5 out of 4.0 and IELTS of 6.5 (with no Band lower than 6.0) or equivalent	80 credit points	ACCG1000 (10CP) ACST1001 (10CP) COMP1000 (10CP) ECON1020 (10CP) MGMT1002 (10CP) MKTG1001 (10CP) STAT1250 (10CP) Unspecified Credit at 1000-level (10CP)
Bachelor of Arts major in Business Analytics	Bachelor of Commerce, major in: • Accounting • Business Analytics • Economics • Finance • International Business • Marketing	Completion of 2 years of the relevant NEU course with min CGPA 2.5 out of 4.0 and IELTS of 6.5 (with no Band lower than 6.0) or equivalent	80 credit points	ACCG1000 (10CP) ACST1001 (10CP) COMP1000 (10CP) ECON1020 (10CP) MGMT1002 (10CP) MKTG1001 (10CP) STAT1250 (10CP) Unspecified Credit at 1000-level (10CP)
Non-award Bachelor level: Applied Finance Pathway Program (1 year completed)	Bachelor of Applied Finance	Completion of 1 year of the relevant NEU course with min. CGPA 2.7 out of 4.0 and IELTS of 6.5 (with no Band lower than 6.0) or equivalent	80 credit points	ACCG1000 (10CP) ACST1001 (10CP) AFIN1002 (10CP) ECON1020 (10CP) ECON1021 (10CP) MGMT1002 (10CP) MKTG1001 (10CP)

				STAT1250 (10CP)
Non-award Bachelor level: Applied Finance Pathway Program (1 year completed)	Bachelor of Commerce, major in Finance	Completion of 1 year of the relevant NEU course with min. CGPA 2.5 out of 4.0 and IELTS of 6.5 (with no Band lower than 6.0) or equivalent	80 credit points	ACCG1000 (10CP) ACST1001 (10CP) AFIN1002 (10CP) ECON1020 (10CP) ECON1021 (10CP) MGMT1002 (10CP) MKTG1001 (10CP) STAT1250 (10CP)
Non-award Bachelor level: Applied Finance Pathway Program (2 years completed)	Bachelor of Applied Finance	Completion of 2 years of the relevant NEU course with min. CGPA 2.7 out of 4.0 and IELTS of 6.5 (with no Band lower than 6.0) or equivalent	160 credit points	ACCG1000 (10CP) ACST1001 (10CP) ACST2001 (10CP) AFIN1002 (10CP) AFIN2050 (10CP) AFIN2070 (10CP) ECON1020 (10CP) ECON1021 (10CP) ECON2004 (10CP) ECON2050 (10CP) MGMT1002 (10CP) MKTG1001 (10CP) STAT1250 (10CP) Unspecified Credit at 1000-level (30CP)
Non-award Bachelor level: Applied Finance Pathway Program (2 years completed)	Bachelor of Commerce, major in Finance	Completion of 2 years of the relevant NEU course with min. CGPA 2.5 out of 4.0 and IELTS of 6.5 (with no Band	160 credit points	ACCG1000 (10CP) ACST1001 (10CP) ACST2001 (10CP)

		lower than 6.0) or equivalent		AFIN1002 (10CP) AFIN2050 (10CP) AFIN2070 (10CP) ECON1020 (10CP) ECON1021 (10CP) ECON2004 (10CP) ECON2050 (10CP) MGMT1002 (10CP) MKTG1001 (10CP) STAT1250 (10CP) Unspecified Credit at 1000-level (30CP)
Bachelor in Mathematical Economics: Program of Actuarial Science - Conducted in English (1.5 years completed)	Bachelor of Actuarial Studies	Completion of the 1.5 years of relevant NEU course with min. score of 8.1 out of 10 and IELTS 6.5 (6.0). Additionally, a minimum score of 6.5 out of 10 is required for EP02.TOCB1111 Calculus 1, EP02.TOCB1101 Algebra, EP02.TOCB1103 Calculus 2, EP02.KHMA1101 Macroeconomics 1, EP02.KHMI1101 Microeconomics 1 and EP02.TOKT1110 Mathematical Statistics	80 credit points	ECON1020 (10CP) ECON1021 (10CP) MATH1025 (10CP) STAT1371 (10CP) MATH1015 (10CP) STAT2371 (10CP) STAT2372 (10CP) Unspecified Credit at 1000-level (10CP)
Bachelor in Mathematical Economics: Program of Actuarial Science	Bachelor of Actuarial Studies	Completion of the 2 years of relevant NEU course with min. score of 8.1	120 credit points	ECON1020 (10CP) ECON1021 (10CP)

- Conducted in English (2 years completed)		out of 10 and IELTS 6.5 (6.0). Additionally, a minimum score of 6.5 out of 10 is required for EP02.TOCB1111 Calculus 1, EP02.TOCB1101 Algebra, EP02.TOCB1103 Calculus 2, EP02.KHMA1101 Macroeconomics 1, EP02.KHMI1101 Microeconomics 1 and EP02.TOKT1110 Mathematical Statistics		MATH1025 (10CP) STAT1371 (10CP) MATH1015 (10CP) STAT2371 (10CP) STAT2372 (10CP) ACST1052 (10CP) AFIN1002 (10CP) Unspecified Credit at 1000-level (30CP)
Bachelor in Mathematical Economics: Program of Actuarial Science - Conducted in English (2.5 years completed)	Bachelor of Actuarial Studies	Completion of the 2.5 years of relevant NEU course with min. score of 8.1 out of 10 and IELTS 6.5 (6.0). Additionally, a minimum score of 6.5 out of 10 is required for EP02.TOCB1111 Calculus 1, EP02.TOCB1101 Algebra, EP02.TOCB1103 Calculus 2, EP02.KHMA1101 Macroeconomics 1, EP02.KHMI1101 Microeconomics 1, EP02.TOKT1110 Mathematical Statistics, EP02.NHTC1104 Corporate Finance 1, EP02.KTKE1101 Accounting Principles and EP02.TOTC1108 The models for analyzing and	160 credit points	ECON1020 (10CP) ECON1021 (10CP) MATH1025 (10CP) STAT1371 (10CP) MATH1015 (10CP) STAT2371 (10CP) STAT2372 (10CP) ACST1052 (10CP) AFIN1002 (10CP) ACST2052 (10CP) Unspecified Credit at 1000-level (60CP)

		evaluating the financial assets 1		
Bachelor in Mathematical Economics: Program of Data Science in Economics and Business - Conducted in English (1.5 years completed) (Note: For students graduating from 2029 onward, the degree is titled: Bachelor in Mathematical Economics: Program of Economics Data Analytics – Conducted in English.)	Bachelor of Actuarial Studies	Completion of the 1.5 years of relevant NEU course with min. score of 8.1 out of 10 and IELTS 6.5 (6.0). Additionally, a minimum score of 6.5 out of 10 is required for EP03.KHMI1101 Microeconomics 1, EP03.KHMA1101 Macroeconomics 1, EP03.TOCB1101 Algebra, EP03.TOCB1111 Calculus 1, EP03.TOCB1113 Techniques in Advanced Calculus and EP03.TOKT1107 Discrete Mathematics	80 credit points	ECON1020 (10CP) ECON1021 (10CP) MATH1025 (10CP) STAT1371 (10CP) MATH1015 (10CP) Unspecified Credit at 1000-level (30CP)
Bachelor in Mathematical Economics: Program of Data Science in Economics and Business - Conducted in English (2 years completed) (Note: For students graduating from 2029 onward, the degree is titled: Bachelor in Mathematical Economics: Program of Economics Data Analytics – Conducted in English.)	Bachelor of Actuarial Studies	Completion of the 2 years of relevant NEU course with min. score of 8.1 out of 10 and IELTS 6.5 (6.0). Additionally, a minimum score of 6.5 out of 10 is required for EP03.KHMI1101 Microeconomics 1, EP03.KHMA1101 Macroeconomics 1, EP03.TOCB1101 Algebra, EP03.TOCB1111 Calculus 1, EP03.TOCB1113 Techniques in Advanced Calculus and EP03.TOKT1107	120 credit points	ECON1020 (10CP) ECON1021 (10CP) MATH1025 (10CP) STAT1371 (10CP) MATH1015 (10CP) Unspecified Credit at 1000-level (70CP)

		Discrete Mathematics		
Bachelor in Mathematical Economics: Program of Actuarial Science - Conducted in English (3.5 years completed)	Master of Actuarial Practice	Completion of 3.5 years of the relevant NEU course with min. WAM 50 and IELTS 6.5 (6.0). Additionally, a minimum score of 6.5 out of 10 is required for EP02.KHMI1101 Microeconomics 1, EP02.KHMA1101 Macroeconomics 1, EP02.KTKE1101 Accounting Principles, EP02.NHTC1104 Corporate Finance 1, EP02.TOTC1108 The Models for Analysing and Evaluating the Financial Assets 1 and EP02.TOKT1110 Mathematical Statistics	70 credit points	ECON8091 (10CP) ACST8052 (10CP) STAT8310 (10CP) ACST8029 (10CP) BUSA8001 (10CP) Any postgraduate unit for which you meet the requisites (10CP) Any postgraduate unit for which you meet the requisites (10CP)
Bachelor in Mathematical Economics: Program of Actuarial Science - Conducted in English (4 years completed)	Master of Actuarial Practice	Completion of the 4 years relevant NEU course with min. WAM 50 and IELTS 6.5 (6.0). Additionally, a minimum score of 6.5 out of 10 is required for EP02.KHMI1101 Microeconomics 1, EP02.KHMA1101 Macroeconomics 1, EP02.KTKE1101 Accounting Principles, EP02.NHTC1104 Corporate Finance 1, EP02.TOTC1108 The Models for	80 credit points	ECON8091 (10CP) ACST8052 (10CP) STAT8310 (10CP) ACST8029 (10CP) BUSA8001 (10CP) ACST8040 (10CP) Any postgraduate unit for which you meet the requisites (10CP) Any postgraduate unit for which you meet the

		Analysing and Evaluating the Financial Assets 1 and EP02.TOKT1110 Mathematical Statistics		requisites (10CP)
Bachelor in Mathematical Economics: Program of Data Science in Economics and Business - Conducted in English (4 years completed) (Note: For students graduating from 2029 onward, the degree is titled: Bachelor in Mathematical Economics: Program of Economics Data Analytics – Conducted in English.)	Master of Actuarial Practice	Completion of the 4 years relevant NEU course with min. WAM 50 and IELTS 6.5 (6.0).	40 credit points	ACST8040 (10CP) ACST8029 (10CP) BUSA8001 (10CP) Any postgraduate unit for which you meet the requisites (10CP)

Unit Mappings

Successful completion by Prospective Students of the listed Units at NEU will result in eligibility for Credit Recognition of the listed Macquarie Units:

Bachelor of Arts major in Business Analytics	
NEU Units (credit points)	**Macquarie Units (credit points)**
ACCT211 Introductory Accounting 1 (3CP)	ACCG1000 Accounting in Society (10CP)
ADMN210 Introduction to Statistics in Economics and Business (3CP)	STAT1250 Business Statistics (10CP)
FIN313 Business Finance (3CP)	ACST1001 Finance 1A (10CP)
MGMT305 Marketing Principles (3CP)	MKTG1001 Marketing Fundamentals (10CP)
MGMT300 Management A (3CP)	MGMT1002 Principles of Management (10CP)
CNTT1236 Python Programming (3CP)	COMP1000 Introduction to Computer Programming (10CP)
ECON200 Principles of Microeconomics (3CP)	ECON1020 Principles of Economics 1 (10CP) + Unspecified Credit at 1000-level (10CP)
ECON200 Principles of Microeconomics (3CP)	

Non-award Bachelor level: Applied Finance Pathway Program	
NEU Units (credit points)	**Macquarie Units (credit points)**
ACCT1 Accounting in Society (3CP)	ACCG1000 Accounting in Society (10CP)
FIN3001 Corporate Finance 1 (3CP)	ACST1001 Finance 1A (10CP) + AFIN1002 Finance 1B (10CP)
FIN3002 Corporate Finance 2 (3CP)	
ECO1101 Principles of Economics 1 (3CP)	ECON1020 Principles of Economics 1 (10CP) + ECON1021 Principles of Economics 2 (10CP)
ECO1102 Principles of Economics 2 (3CP)	
MAN3001 Principle of Management (3CP)	MGMT1002 Principles of Management (10CP)
MKMA1104 Marketing Fundamentals (3CP)	MKTG1001 Marketing Fundamentals (10CP)
MATH3110 Business Statistics (3CP)	STAT1250 Business Statistics (10CP)
FIN3003 Financial Investment (3CP)	AFIN2050 Investments (10CP)
FIN3004 Financial Modelling and Valuation (3CP)	ACST2001 Financial Modelling (10CP)
MON3008 Money Banking and Financial Markets (3CP)	ECON2050 Money and Finance (10CP)
MATH3001 Stochastic Analysis in Finance (3CP)	AFIN2070 Stochastic Methods in Applied Finance (10CP)
FIN3102 Public Finance (3CP)	Unspecified Credit at 1000-level (10CP)
FIN3006 Financial Mathematics (3CP)	Unspecified Credit at 1000-level (10CP)
BANK1111 Bank Management and Financial Services (3CP)	Unspecified Credit at 1000-level (10CP)

NEU Bachelor in Mathematical Economics: Program of Actuarial Science - Conducted in English to MQ Bachelor of Actuarial Studies	
NEU Units (credit points)	**Macquarie Units (credit points)**
EP02.TOKT1105 Probability Theory (3CP) + EP02.TOTC1106 Foundation of mathematical finance (3CP)	ACST1052 Introduction to Actuarial Studies (10CP)
EP02.KHMA1101 Macroeconomics 1 (3CP) + EP02.KHMI1101 Microeconomics 1 (3CP)	ECON1020 Economics and Business Strategy (10CP) + ECON1021 Economics and the Global Economy (10CP)
EP02.TOCB1111 Calculus 1 (3CP) + EP02.TOCB1101 Algebra (3CP) + EP02.TOCB1103 Calculus 2 (3CP)	MATH1025 Calculus and Linear Algebra II (Advanced) (10CP) + MATH1015 Calculus and Linear Algebra I (Advanced) (10CP)
EP02.TOKT1110 Mathematical Statistics (3CP) + EP02.TOKT1105 Probability Theory (3CP)	STAT1371 Statistical Data Analysis (10CP)
EP02.NHTC1104 Corporate Finance 1 (3CP)	AFIN1002 Corporate Finance and Capital Markets (10CP)

EP02.NHTC1104 Corporate Finance 1 (3CP) + EP02.KTKE1101 Accounting Principles (3CP) + EP02.TOTC1108 The models for analyzing and evaluating the financial assets 1 (3CP)	ACST2052 Finance and Financial Reporting (10CP) + Unspecified Credit at 1000-level (10CP)
EP02.TOKT1110 Mathematical Statistics (3CP) + EP02.TOKT1160 Stochastic processes (3CP)	STAT2371 Statistics (10CP) + STAT2372 Probability (10CP)
EP02.LUCS1129 Fundamentals of Laws (3CP)	Unspecified Credit at 1000-level (10CP)
EP02.TOKT1101 Econometrics 1 (3CP)	Unspecified Credit at 1000-level (10CP)
EP02.TOTC1119 Stochastic simulation and Application in finance (3CP)	Unspecified Credit at 1000-level (10CP)
EP02.TOKT1143 Multivariate Statistical Analysis (3CP)	Unspecified Credit at 1000-level (10CP)
EP02.TOKT1128 Econometrics 2 (3CP)	Unspecified Credit at 1000-level (10CP)

Bachelor in Mathematical Economics: Program of Data Science in Economics and Business - Conducted in English to MQ Bachelor of Actuarial Studies	
NEU Units (credit points)	**Macquarie Units (credit points)**
EP03.KHMI1101 Microeconomics 1 (3CP) + EP03.KHMA1101 Macroeconomics 1 (3CP)	ECON1020 Economics and Business Strategy (10CP) + ECON1021 Economics and the Global Economy (10CP)
EP03.TOCB1101 Algebra (3CP) + EP03.TOCB1111 Calculus 1 (3CP) + EP03.TOCB1113 Techniques in Advanced Calculus (3CP) + EP03.TOKT1107 Discrete Mathematics (3CP)	MATH1015 Calculus and Linear Algebra I (Advanced) (10CP) + MATH1025 Calculus and Linear Algebra II (Advanced) (10CP)
EP03.TOKT1110 Mathematical Statistics (3CP) + EP03.TOKT1105 Probability Theory (3CP)	STAT1371 Statistical Data Analysis (10CP)
EP03.CNTT1187 Basic Programming (3CP)	Unspecified Credit at 1000-level (10CP)
EP03.LUCS1129 Fundamentals of Laws (3CP)	Unspecified Credit at 1000-level (10CP)
EP03.TOKT1152 Programming for Data Science (3CP)	Unspecified Credit at 1000-level (10CP)
EP03.KTKE1101 Accounting Principles (3CP)	Unspecified Credit at 1000-level (10CP)
EP03.TOKT1101 Econometrics 1 (3CP)	Unspecified Credit at 1000-level (10CP)
EP03.TIHT1121 Data Structure and Algorithms (3CP)	Unspecified Credit at 1000-level (10CP)
EP03.CNTT1152 Database Management Systems (3CP)	Unspecified Credit at 1000-level (10CP)

NEU Bachelor in Mathematical Economics: Program of Actuarial Science - Conducted in English to MQ Master of Actuarial Practice	
NEU Units (credit points)	**Macquarie Units (credit points)**
EP02.KHMI1101 Microeconomics 1 (3CP) + EP02.KHMA1101 Macroeconomics 1 (3CP)	ECON8091 Economics for Actuaries (10CP)
EP02.KTKE1101 Accounting Principles (3CP) + EP02.NHTC1104 Corporate Finance 1 (3CP) + EP02.TOTC1108 The Models for Analysing and Evaluating the Financial Assets 1 (3CP)	ACST8052 Finance and Financial Reporting (10CP)
EP02.TOKT1110 Mathematical Statistics (3CP)	STAT8310 Statistical Theory (10CP)
EP02.NHLT1101 Monetary and Financial Theories 1 (3CP)	ACST8029 Capital Budgeting and Financial Modelling (10CP)
EP02.TOKT1156 Predictive analytics (3CP)	BUSA8001 Applied Predictive Analytics (10CP)
EP02.1101 Graduation Thesis (10CP)	ACST8040 Quantitative Research Methods (10CP)
Successful completion of 3.5 out of 4 years of the Bachelor of Actuary (total 116CP)	Any postgraduate unit for which you meet the requisites (10CP) + Any postgraduate unit for which you meet the requisites (10CP)

Bachelor in Mathematical Economics: Program of Data Science in Economics and Business - Conducted in English to MQ Master of Actuarial Practice	
NEU Units (credit points)	**Macquarie Units (credit points)**
EP03.1101 Graduation Thesis (10CP)	ACST8040 Quantitative Research Methods (10CP)
EP03.NHLT 1101 Monetary and Financial Theories 1 (3CP)	ACST8029 Capital Budgeting and Financial Modelling (10CP)
EP03.TOKT1150 Machine Learning 1 (3CP) + EP03.TOKT1151 Machine learning 2 (3CP)	BUSA8001 Applied Predictive Analytics (10CP)
Successful completion of Bachelor of Data Science in Economics and Business (total 123CP)	Any postgraduate unit for which you meet the requisites (10CP)