



Bachelor of Engineering (Honours)/Bachelor of Business (Domestic students)

| | | |
|---|---|---|
| Program code 1556 | Entry requirements 70.00 | Prerequisites NIL |
| Available at Gold Coast Campus | ATAR/RANK 2024 (more) | Assumed knowledge Any General or Applied English subject (Units 3 and 4, C) |
| Duration 5 years full-time 10 years part-time | Commencing in Trimester 1 and Trimester 2 | Mathematical Methods (Units 3 and 4, C) |
| Credit points 400 | | |
| Indicative fee \$11,000.00* per year (more) * 2024 indicative annual CSP fee | | |

Degree requirements: Students who started Trimester 1 - 2025

For Domestic and those International students not required to complete the English Language Enhancement course

For the award of *Bachelor of Engineering (Honours)/Bachelor of Business [BEng(Hons)/BBus]*, you must successfully complete 400 credit points, made up of the core courses AND:

- 20 credit points of foundation courses for your chosen Engineering major; AND
- 180 credit points for an Engineering major; AND
- 60 credit points for a Business major; AND
- 10 credit points for a free choice elective.

Other program requirements

You must successfully complete:

- no more than 140 credit points of Level 1 courses (the first digit of a course code denotes the level);
- at least 60 credit points of Level 3 courses or higher.

You must also complete a minimum of 12 weeks (60 days) of approved experience in an Engineering practice environment (or a satisfactory alternative) during your degree studies.

Honours

Classification of Honours - Bachelor of Engineering (Honours)

The class of Honours to be awarded to each student in this degree will be determined by the School Assessment Board on the basis of the Program Grade Point Average for the engineering components of the program and the performance in the final year IAP course.

A minimum IAP mark of 50% is required for the award of the Bachelor of Engineering (Honours).

Students who have repeated the IAP course will be eligible for no higher than Class III Honours. A second fail in the IAP course will result in termination of the student's enrolment in the program.

Cut-offs for Honours Classifications

- **Class I Honours:**
 - Program Grade Point Average - 6.200 (minimum)
 - Minimum IAP Mark - 80%
- **Class IIA Honours:**
 - Program Grade Point Average - 5.650 (minimum)

- Minimum IAP Mark - 70%
- **Class IIB Honours:**
 - Program Grade Point Average - 5.000 (minimum)
 - Minimum IAP Mark - 60%
- **Class III Honours:**
 - Program Grade Point Average - < 5.000
 - Minimum IAP Mark - 50%

Australian Qualifications Framework (AQF) Level and Type

The **Australian Qualifications Framework (AQF)** is the national policy for regulated qualifications in Australian education and training. The Bachelor of Business is accredited as an AQF Level 7 - Bachelor Degree. The Bachelor of Engineering (Honours) is accredited as an AQF Level 8 - Bachelor Honours Degree.

English Language Enhancement

Domestic students enrolled in this program whose first language is not English may complete the following **English Language Enhancement Course** as an elective.

- **5903LHS Language and Communication for Sciences**

Students whose first language is English are not permitted to undertake this course.

Program learning outcomes

Program learning outcomes

Program Learning Outcomes communicate to the community the value of the Griffith educational experience as benchmarked against national qualification standards.

Program Learning Outcomes for the **Bachelor of Engineering (Honours)** and **Bachelor of Business** describe the knowledge, skills and the application of knowledge and skills you will acquire through studying the Griffith program of your choice.

Course list: Students starting Trimester 1 - 2025

Course offering information in program structures is a guide only. Please check the actual offering information in the Course Catalogue.

Note: Students must check the prerequisite and incompatible requirements before selecting any course within this program.

English Language Enhancement course

Students required to undertake the English Language Enhancement course must complete 5903LHS in their first trimester of study.

The English Language Enhancement course is to be taken in place of a Free-choice elective in your program.

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|---------------------|--|----|
| Tri 1,2 | 5903LHS | English Enhancement | Language and Communication for Sciences (see note 1) | 10 |

Note 1: Students entering the program that are required to complete **5903LHS Language and Communication for Sciences** course MUST COMPLETE this course in place of **1022ENG Engineering Design Practice** in their first trimester of study. **1022ENG Engineering Design Practice** can be taken later in the program where an Elective would take place.

Year 1

Students entering the program WITHOUT the assumed knowledge of Maths Methods or equivalent are required to undertake **1017SCG Foundation Mathematics** in their first trimester of study.

The course 1017SCG replaces one Free-choice elective in your program.

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|-------------|-------------------------------------|----|
| Tri 1 | 1017SCG | | Foundation Mathematics (see Note 1) | 10 |

You must complete the following core courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|----------------------|--|----|
| Tri 1,3 | 1010ENG | Hons Core to Program | Engineering Mathematics 1 (see note 1) | 10 |
| Tri 1 | 1017ENG | Hons Core to Program | Engineering Materials | 10 |
| Tri 1 | 1018ENG | Hons Core to Program | Engineering Science | 10 |
| Tri 1,3 | 1022ENG | Hons Core to Program | Engineering Design Practice | 10 |
| Tri 2 | 1008ENG | Hons Core to Program | Programming and Computing for Engineers (see note 1) | 10 |
| Tri 2,3 | 1020ENG | Hons Core to Program | Engineering Mathematics 2 (see note 1) | 10 |

Note 1: Students who have not completed **1017SCG Foundation Mathematics**

- In Tri 1 take **1017SCG Foundation Mathematics** in place of 1010ENG
- In Tri 2 take **1010ENG Engineering Mathematics 1** Engineering Mathematics 1
- In Tri 3 take **1020ENG Engineering Mathematics 2**.

You must complete 20 credit points of foundation courses for your chosen Engineering major:

Civil Engineering

You must complete the following foundation courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|----------------------|-------------------------|----|
| Tri 2 | 1108ENG | Hons Listed Elective | Digital and Data Skills | 10 |
| Tri 2 | 1501ENG | Hons Listed Elective | Engineering Mechanics | 10 |

Electrical and Electronic Engineering

You must complete the following foundation courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|-------------|-------------------|----|
| Tri 2 | 1303ENG | | Digital Systems | 10 |
| Tri 2 | 1301ENG | | Electric Circuits | 10 |

Mechanical Engineering

You must complete the following foundation courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|-------------|------------------------------|----|
| Tri 2 | 1501ENG | | Engineering Mechanics | 10 |
| Tri 2 | 1508ENG | | Digital Design and Modelling | 10 |

Year 2

You must complete the following courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|-----------------|---|----|
| Tri 1,3 | 1004GBS | Core to Program | The Purpose of Business | 10 |
| Tri 2,3 | 1005GBS | Core to Program | Engaging Australia and the Asia-Pacific | 10 |
| Tri 2,3 | 1006GBS | Core to Program | Why Money Matters | 10 |
| Tri 1,3 | 1007GBS | Core to Program | The Future of Work | 10 |

Year 3

You must complete the following courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|-----------------|-------------------------------|----|
| Tri 1,3 | 1008GBS | Core to Program | Business Decision-Making | 10 |
| Tri 2,3 | 1009GBS | Core to Program | Grand Challenges for Business | 10 |
| Tri 1,2 | 3103GBS | Core to Program | Creating Better Business | 10 |

Years 2-5

You must complete the following courses:

| Trimester | Course code | Requirement | Course title | CP |
|--------------|-------------|-------------|----------------------|-----|
| Tri 1,2 or 3 | | | Engineering major | 180 |
| Tri 1,2 or 3 | | | Business major | 60 |
| Tri 1,2 or 3 | | | Free choice elective | 10 |

Note: It is a requirement that students complete a minimum of 60 days approved experience in an engineering practice environment (or a satisfactory alternative) during their degree studies. A corequisite of this course is completion of a minimum of 12 weeks (60 days) of approved experience in an engineering practice environment (or a satisfactory alternative).

Bachelor of Business - Majors (17 available)

Behavioural Science

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|---------------|--|----|
| Tri 1,3 | 2004MKT | Core to Major | Consumer Psychology | 10 |
| Tri 2 | 2034MKT | Core to Major | Marketing Research and Intelligence | 10 |
| Tri 2 | 3313AFE | Core to Major | Behavioural Economics | 10 |
| Tri 2 | 3007MKT | Core to Major | Marketing for Behaviour Change (capstone course) | 10 |
| Tri 2 | 2116LHS | Core to Major | Social Data Analytics | 10 |
| Tri 3 | 3218AFE | Core to Major | Behavioural Finance | 10 |

Business Analytics

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|--------------|-------------|---------------|---------------------------------------|----|
| Tri 2 | 2030ICT | Core to Major | Introduction to Big Data Analytics | 10 |
| Tri 1 | 2031ICT | Core to Major | Data Analytics Methods | 10 |
| Tri 2 | 2030AFE | Core to Major | Business Intelligence | 10 |
| Tri 1 | 3051IBA | Core to Major | Decision Making for Innovation | 10 |
| Tri 2 | 3030AFE | Core to Major | Predictive Analytics | 10 |
| Tri 1,2 or 3 | 3002GBS | Core to Major | Co-Design Incubator (capstone course) | 10 |

Economics

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|---------------|---|----|
| Tri 1,3 | 2316AFE | Core to Major | Macroeconomics Analysis | 10 |
| Tri 1,3 | 2314AFE | Core to Major | Microeconomic Analysis | 10 |
| Tri 1,2 | 2315AFE | Core to Major | Econometric Analysis | 10 |
| Tri 1 | 3310AFE | Core to Major | Open Economy Macroeconomics | 10 |
| Tri 2 | 3314AFE | Core to Major | Micro Foundations of Markets and Behaviour | 10 |
| Tri 2 | 3315AFE | Core to Major | Empirical Economic Analysis (capstone course) | 10 |

Employment Relations

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|---------------|---|----|
| Tri 2 | 2006EHR | Core to Major | Health and Safety in the Workplace | 10 |
| Tri 1 | 2001EHR | Core to Major | Management Employee Relations | 10 |
| Tri 2 | 3021EHR | Core to Major | Negotiation | 10 |
| Tri 1 | 2015EHR | Core to Major | Introduction to ER and HR Law | 10 |
| Tri 1 | 3019EHR | Core to Major | The Realities and Potentials of Workplaces | 10 |
| Tri 2 | 3006EHR | Core to Major | Employment Strategies in Action (capstone course) | 10 |

Events

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|---------------|---|----|
| Tri 1 | 2219THS | Core to Major | Event Management Principles | 10 |
| Tri 1 | 2315THS | Core to Major | Event Marketing and Sponsorship | 10 |
| Tri 2 | 2209THS | Core to Major | Managing Projects in Service Industries | 10 |
| Tri 1 | 3117THS | Core to Major | Facility and Venue Management | 10 |
| Tri 2 | 3213THS | Core to Major | Conference and Convention Management | 10 |
| Tri 2 | 3204THS | Core to Major | Event Evaluation (capstone course) | 10 |

Finance

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|---------------|---|----|
| Tri 1,3 | 2204AFE | Core to Major | Financial Institutions Management | 10 |
| Tri 1,2 | 2201AFE | Core to Major | Corporate Finance | 10 |
| Tri 1,2 | 2206AFE | Core to Major | Investment Analysis and Management | 10 |
| Tri 1,2 | 3224AFE | Core to Major | Derivatives Securities | 10 |
| Tri 1,2 | 3208AFE | Core to Major | Portfolio Management | 10 |
| Tri 1,2 | 3233AFE | Core to Major | Global Investment and Markets (capstone course) | 10 |

Human Resource Management

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|---------------|--|----|
| Tri 1,3 | 2002EHR | Core to Major | Strategic Human Resource Management | 10 |
| Tri 1,2 | 2005EHR | Core to Major | Organisational Behaviour and Wellbeing | 10 |
| Tri 1 | 3009EHR | Core to Major | Global Human Resource Management | 10 |
| Tri 2 | 3010EHR | Core to Major | Developing Talent | 10 |
| Tri 1,2 | 3020EHR | Core to Major | Managing Staffing and Performance | 10 |
| Tri 2,3 | 3012EHR | Core to Major | Applied Human Resource Management and Change (capstone course) | 10 |

Innovation and Entrepreneurship

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|--------------|-------------|---------------|---|----|
| Tri 2,3 | 2034IBA | Core to Major | Griffith Innovation Challenge | 10 |
| Tri 1,2 or 3 | 2043IBA | Core to Major | Innovation, Creativity and Entrepreneurship | 10 |
| Tri 1 | 2044IBA | Core to Major | Social Entrepreneurship | 10 |
| Tri 2 | 3043IBA | Core to Major | Digital Innovation | 10 |
| Tri 2 | 3046IBA | Core to Major | Family Business Management | 10 |
| Tri 1 | 3045IBA | Core to Major | Building the New Venture (capstone course) | 10 |

Logistics and Supply Chain Management

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|--------------|-------------|---------------|--|----|
| Tri 1,3 | 2128IBA | Core to Major | The Management of Business Processes | 10 |
| Tri 1 | 2155IBA | Core to Major | Procurement and Supply Management | 10 |
| Tri 2 | 2154IBA | Core to Major | International Business Logistics | 10 |
| Tri 2 | 3155IBA | Core to Major | Operations Management | 10 |
| Tri 2 | 3157IBA | Core to Major | Supply Chain Innovation and Optimisation (capstone course) | 10 |
| Tri 1,2 or 3 | 3002GBS | Core to Major | Co-Design Incubator | 10 |

Management

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|---------------|---|----|
| Tri 1,2 | 2045IBA | Core to Major | Leading and Managing Organisations | 10 |
| Tri 1,3 | 2128IBA | Core to Major | The Management of Business Processes | 10 |
| Tri 2,3 | 3006IBA | Core to Major | Creating Ethical and Sustainable Business | 10 |
| Tri 2 | 3050IBA | Core to Major | Managing Strategic Change (capstone course) | 10 |
| Tri 1 | 3051IBA | Core to Major | Decision Making for Innovation | 10 |
| Tri 1 | 3045IBA | Core to Major | Building the New Venture | 10 |

Marketing

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|---------------|---|----|
| Tri 1,3 | 2004MKT | Core to Major | Consumer Psychology | 10 |
| Tri 2 | 2034MKT | Core to Major | Marketing Research and Intelligence | 10 |
| Tri 1 | 2029MKT | Core to Major | Advertising and Integrated Marketing Communications | 10 |
| Tri 2 | 3006MKT | Core to Major | Service Experience | 10 |
| Tri 1 | 3038MKT | Core to Major | Sales and Negotiation | 10 |
| Tri 2 | 3028MKT | Core to Major | Marketing Strategy and Analytics (capstone course) | 10 |

Political Science and International Relations

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|---------------|---|----|
| Tri 1,3 | 2004GIR | Core to Major | The Government Business Nexus: Intervening, Lobbying and Responding | 10 |
| Tri 1 | 3027GIR | Core to Major | Business and Politics in the Asia Pacific | 10 |
| Tri 2 | 3023GIR | Core to Major | International Migration, Race Relations and Public Policy | 10 |
| Tri 2 | 2019GIR | Core to Major | International Organisations, Peace and Conflict | 10 |
| Tri 1 | 3022GIR | Core to Major | The Rise of Global Populism | 10 |
| Tri 2 | 3001GIR | Core to Major | Solving Policy Problems (capstone course) | 10 |

Real Estate and Property Development

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|---------------|---|----|
| Tri 1 | 2009THS | Core to Major | Real Estate and Property Development Principles | 10 |
| Tri 2 | 2310THS | Core to Major | Property Market Research and Analysis | 10 |
| Tri 2 | 2211AFE | Core to Major | Real Estate Finance | 10 |
| Tri 1 | 3220THS | Core to Major | Real Estate and Property Development Law | 10 |
| Tri 1 | 3216THS | Core to Major | Strata Communities and Management | 10 |
| Tri 2 | 3219THS | Core to Major | Property Development Process (capstone course) | 10 |

Note: You can complete the Real Estate License externally through a variety of independent accredited providers including the Queensland real estate industry peak body - Real Estate Institute of Qld (REIQ) - and apply for credit towards an elective through the University Credit process.

Sport Management

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|---------------|---|----|
| Tri 1 | 2309THS | Core to Major | Sport Management Principles | 10 |
| Tri 1 | 2018THS | Core to Major | Sport Event and Facility Planning | 10 |
| Tri 2 | 2312THS | Core to Major | Sport Digitisation and Communication | 10 |
| Tri 1 | 3110THS | Core to Major | Contemporary Issues in Sport Business | 10 |
| Tri 2 | 3323THS | Core to Major | Sport Marketing | 10 |
| Tri 2 | 3333THS | Core to Major | Sport Development Systems (capstone course) | 10 |

Sustainable Business

You must complete the following courses:

| Trimester | Course code | Requirement | Course title | CP |
|--------------|-------------|---------------|--|----|
| Tri 1 | 2101GIR | Core to Major | The Politics of Environment and Sustainability | 10 |
| Tri 1,2 | 2045IBA | Core to Major | Leading and Managing Organisations | 10 |
| Tri 1 | 3055MKT | Core to Major | Green Marketing | 10 |
| Tri 2 | 3038IBA | Core to Major | The Business of Changing the World | 10 |
| Tri 2,3 | 3006IBA | Core to Major | Creating Ethical and Sustainable Business | 10 |
| Tri 1,2 or 3 | 3002LFC | Core to Major | Community Internship and Partnerships for SDGs (capstone course) | 10 |

Taxation

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|---------------|--|----|
| Tri 1,2 | 2118AFE | Core to Major | Principles of Accounting and Analytics | 10 |
| Tri 1,2 | 2105AFE | Core to Major | Introduction to Business Law | 10 |
| Tri 1,2 | 2150AFE | Core to Major | Taxation Law (not offered in T3 from 2025) | 10 |
| Tri 2 | 2106AFE | Core to Major | Company Law | 10 |
| Tri 1,2 | 3105AFE | Core to Major | Law of Finance | 10 |
| Tri 1 | 3150AFE | Core to Major | Taxation Planning for Advisors (capstone course) | 10 |

Tourism and Travel

You must complete the following:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|---------------|---|----|
| Tri 1 | 2204THS | Core to Major | Sustainable Tourism Practices and Impacts | 10 |
| Tri 2 | 2235THS | Core to Major | Visitor Precincts and Infrastructure | 10 |
| Tri 2 | 2203THS | Core to Major | Tourism Transportation Management | 10 |
| Tri 1 | 3200THS | Core to Major | Destination Marketing | 10 |
| Tri 1 | 3203THS | Core to Major | Tourism Economics | 10 |
| Tri 2 | 3009THS | Core to Major | Tourism Futures (capstone course) | 10 |

Bachelor of Engineering (Honours) - Majors (3 available)

Civil Engineering

Year 2

You must complete the following courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|--------------------|------------------------------------|----|
| Tri 1 | 2205NSC | Hons Core to Major | Calculus II | 10 |
| Tri 1 | 2002ENG | Hons Core to Major | Fluid Mechanics and Hydraulics | 10 |
| Tri 1 | 2101ENG | Hons Core to Major | Mechanics of Materials I | 10 |
| Tri 1 | 2104ENG | Hons Core to Major | Construction Methods and Practices | 10 |
| Tri 2 | 2004ENG | Hons Core to Major | Hydrology | 10 |
| Tri 2 | 2102ENG | Hons Core to Major | Soil Mechanics | 10 |
| Tri 2 | 2103ENG | Hons Core to Major | Structural Design | 10 |

Year 3

You must complete the following courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|--------------------|----------------------------------|----|
| Tri 1 | 3101ENG | Hons Core to Major | Structural Analysis | 10 |
| Tri 1 | 3102ENG | Hons Core to Major | Geotechnical Engineering | 10 |
| Tri 1 | 3107ENG | Hons Core to Major | Construction Materials | 10 |
| Tri 2 | 3103ENG | Hons Core to Major | Concrete Structures | 10 |
| Tri 2 | 3113ENG | Hons Core to Major | Civil Engineering Design Project | 10 |

Year 4

You must complete the following courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|--------------------|----------------------------|----|
| Tri 1 | 6002ENG | Hons Core to Major | IAP (see Note 1) | 40 |
| Tri 2 | 6106ENG | Hons Core to Major | Transportation Engineering | 10 |
| Tri 2 | 6003ENG | Hons Core to Major | Integrated Design Project | 10 |

Note 1: It is a requirement that students complete a minimum of 60 days approved experience in an engineering practice environment (or a satisfactory alternative) during their degree studies. A corequisite of this course is the completion of a minimum of 12 weeks (60 days) of approved experience in an engineering practice environment (or a satisfactory alternative).

Electrical and Electronic Engineering

Year 2

You must complete the following courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|--------------------|------------------------------|----|
| Tri 1 | 2205NSC | Hons Core to Major | Calculus II | 10 |
| Tri 1 | 2319ENG | Hons Core to Major | Introduction to Electronics | 10 |
| Tri 1 | 2322ENG | Hons Core to Major | Engineering C | 10 |
| Tri 2 | 2303ENG | Hons Core to Major | Embedded Systems | 10 |
| Tri 2 | 2305ENG | Hons Core to Major | Signals and Systems | 10 |
| Tri 2 | 2314ENG | Hons Core to Major | Engineering Electromagnetics | 10 |
| Tri 2 | 2318ENG | Hons Core to Major | Electromechanics | 10 |

Year 3

You must complete the following courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|--------------------|---------------------------------------|----|
| Tri 1 | 3304ENG | Hons Core to Major | Control Systems | 10 |
| Tri 1 | 3312ENG | Hons Core to Major | Electrical Design Project | 10 |
| Tri 1 | 3322ENG | Hons Core to Major | Electromagnetic Waves and Propagation | 10 |
| Tri 2 | 3319ENG | Hons Core to Major | Power Transmission and Distribution | 10 |
| Tri 2 | 3325ENG | Hons Core to Major | Numerical Engineering Methods | 10 |

Year 4

You must complete the following courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------|--------------------|---------------------------------|----|
| Tri 1 | 6321ENG | Hons Core to Major | Discrete Time Signal Processing | 10 |
| Tri 1 | 6315ENG | Hons Core to Major | Communication Systems | 10 |
| Tri 2 | 6002ENG | Hons Core to Major | IAP (see Note 1) | 40 |

Note 1: It is a requirement that students complete a minimum of 60 days approved experience in an engineering practice environment (or a satisfactory alternative) during their degree studies. A corequisite of this course is the completion of a minimum of 12 weeks (60 days) of approved experience in an engineering practice environment (or a satisfactory alternative).

Mechanical Engineering

Year 2

You must complete the following courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------------------|--------------------|-------------------------------|----|
| Tri 1 | 2205NSC | Hons Core to Major | Calculus II | 10 |
| Tri 1 | 2517ENG | Hons Core to Major | Kinematics and Dynamics | 10 |
| Tri 1 | 2101ENG | Hons Core to Major | Mechanics of Materials I | 10 |
| Tri 1 | 2502ENG | Hons Core to Major | Mechanical Engineering Design | 10 |
| Tri 2 | 2501ENG | Hons Core to Major | Manufacturing Technology | 10 |
| Tri 2 | 2201ENG | Hons Core to Major | Engineering Thermodynamics | 10 |
| Tri 2 | 2318ENG | Hons Core to Major | Electromechanics | 10 |
| Tri 2 | 2105ENG | Hons Core to Major | Mechanics of Materials 2 | 10 |

Year 3

You must complete the following courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------------------|--------------------|--------------------------------|----|
| Tri 1 | 2002ENG | Hons Core to Major | Fluid Mechanics and Hydraulics | 10 |
| Tri 1 | 3304ENG | Hons Core to Major | Control Systems | 10 |
| Tri 1 | 3508ENG | Hons Core to Major | Materials and Manufacturing | 10 |
| Tri 2 | 3511ENG | Hons Core to Major | Design of Machine Elements | 10 |

Year 4

You must complete the following courses:

| Trimester | Course code | Requirement | Course title | CP |
|-----------|-------------------------|--------------------|------------------------------------|----|
| Tri 1 | 4007ENG | Hons Core to Major | Heat and Mass Transfer Engineering | 10 |
| Tri 1 | 6522ENG | Hons Core to Major | Computational Statics and Dynamics | 10 |
| Tri 2 | 6002ENG | Hons Core to Major | IAP (see Note 1) | 40 |

Note 1: It is a requirement that students complete a minimum of 60 days approved experience in an engineering practice environment (or a satisfactory alternative) during their degree studies. A corequisite of this course is the completion of a minimum of 12 weeks (60 days) of approved experience in an engineering practice environment (or a satisfactory alternative)..

Electives (1 available)

Free-choice electives

You may select free-choice electives from the list below or any Undergraduate free-choice elective/s offered across the University provided prerequisites are met. If you require guidance, please liaise with Program Director. You must ensure that you do not exceed the maximum of Level 1 courses in your entire program.

Elective courses may be available at multiple campuses and during a different trimester. Click on the course to find out more information on where and when the course is offered.

| Trimester | Course code | Requirement | Course title | CP |
|--------------|-------------|----------------------|--|----|
| Tri 2 | 2008EHR | Free-choice Elective | Business Communication (not offered from 2022) | 10 |
| Tri 1,2 or 3 | 2043IBA | Free-choice Elective | Innovation, Creativity and Entrepreneurship | 10 |
| Tri 1 | 3019EHR | Free-choice Elective | The Realities and Potentials of Workplaces | 10 |
| Tri 2 | 3014IBA | Free-choice Elective | Negotiation Knowledge and Skill | 10 |
| Tri 3 | 3016EHR | Free-choice Elective | Disruption, Technology and Workplaces (not offered from 2021) | 10 |
| Tri 2,3 | 3029MKT | Free-choice Elective | Self-Marketing | 10 |
| Tri 2 | 3038IBA | Free-choice Elective | The Business of Changing the World | 10 |
| Tri 3 | 3100AFE | Free-choice Elective | Indigenous Australians: Everybody's Business (not offered from 2023) | 10 |
| | | | courseLineOperator | |
| Tri 3 | 3100GBS | Free-choice Elective | Indigenous Australians: Everybody's Business | 10 |
| Tri 1 | 3114IBA | Free-choice Elective | Management Problem Solving (not offered from 2022) | 10 |
| Tri 1,2 | 3400THS | Free-choice Elective | Career Development (not offered from 2023) | 10 |
| | | | courseLineOperator | |
| Tri 1,2 | 2400THS | Free-choice Elective | Career Development (formerly 3400THS) | 10 |
| Tri 3 | 3310THS | Free-choice Elective | Community Based Ecotourism Field Study (not offered in 2022) | 10 |