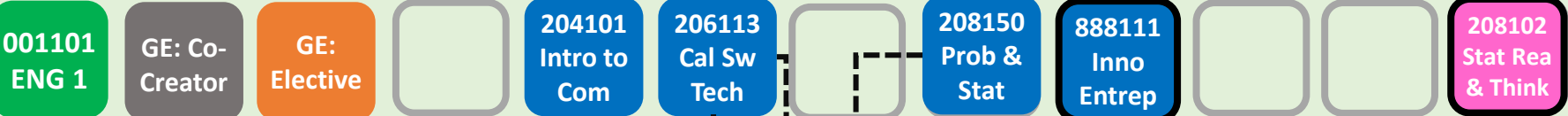


# Bachelor of Science Program in Digital Innovation

Curriculum: at least 132 Credits

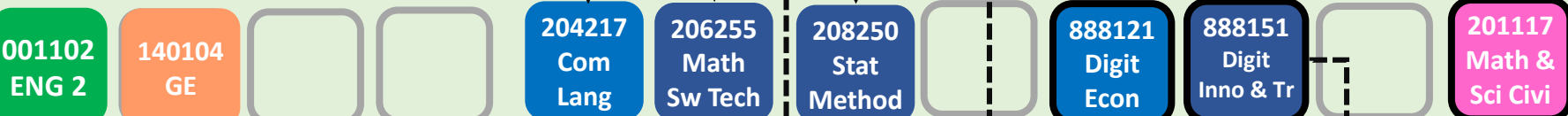
1<sup>st</sup> Year; GPA>1.50

First Semester (Total: 21 credits)



\*Student who would like to go to Curtin need to enroll 208102

Second Semester (Total: 21 credits)



\*Student who would like to go to Curtin need to enroll 201117

Summer (Total: 3 credits)



2<sup>nd</sup> Year; GPA>1.75

First Semester (Total: 21 credits)



Second Semester (Total: 18-21 credits)



Summer (Total: 6 credits)



3<sup>rd</sup> Year; GPA>1.75

First Semester (Total: 15 credits)



Second Semester (Total: 15credits)



4<sup>th</sup> Year; GPA>2.00; Major>2.00

First Semester (Total: 12 credits)



Second Semester (Total: 9 credits)



## Data Science course Group

1.General Education 30 credits  
1.1 Required Courses 21 credits  
1.1.1. Learner Person 15 credits

- 001101 Fundamental English 1
- 001102 Fundamental English 2
- 001201 Critical Reading and Effective Writing
- 001225 English in Science and Technology Context

Choose one course from the followings:

- 204100 Information Technology and Modern Life
- 261111 Internet and Online Community
- 953111 Software for Everyday Life

1.1.2. Innovative Co-creator 3 credits

Select 1 course from the followings:

- 159100 Modern World in Everyday Life
- 751100 Economics for Everyday Life

1.1.3 Active Citizen 3 credits  
140104 Citizenship

1.2 GE Electives 9 credits

A student also chooses at least 9 credits from these 2 groups of GE courses.

1.2.1 Learner Person

- 702101 Finance for Daily Life
- 888102 Big Data for Business

1.2.2 Active Citizen

- 888106 Communication and Networking in Online Society

Major Elective a minimum of 39 credits

A student also chooses at least 13 courses from the followings

- 204321 Database System 1
- 204423 Data Mining
- 204453 Pattern Recognition
- 208350 Applied Multivariate Statistics for Data Science
- 208450 Analytics for Observational Data
- 208451 Analytics for Experimental and Simulated Data
- 888312 Startup in Health Business
- 888350 Implementation of STEM in Business for Sustainable Development Goals
- 888341 Startup in Internet and Mobile Technology
- 888342 Introduction to Management Information System
- 888361 Startup in Energy and Logistics Management
- 888411 Operation Research for Digital Innovation
- 888450 Startup in Digital Technology
- 888451 Startup in Smart Electronic Technology
- 888452 Startup in Agriculture and Biotechnology Industry
- 888453 Startup in Food for Future Industry
- 888454 Startup in Biofuel and Biochemical Technology
- 888455 Blockchain Security Design for Financial Technology
- 888461 Startup in Manufacturing
- 888463 Startup in Agro and Food Business

Free Elective a minimum of 6 credits

- 888147 Innovation for Entrepreneur
- 888148 New Venture Creation through Innovation
- 888149 Service Learning in Society 5.0
- 888212 Fundamental Digital Tools for Entrepreneurs

Students who decide to join 2+2 program in Curtin University must enroll these 2 courses:

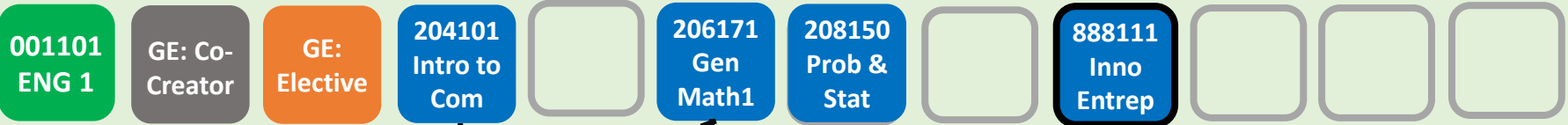
- 208102 Statistical Reasoning and Thinking
- 201117 Mathematics & Science in Civilization

# Bachelor of Science Program in Digital Innovation

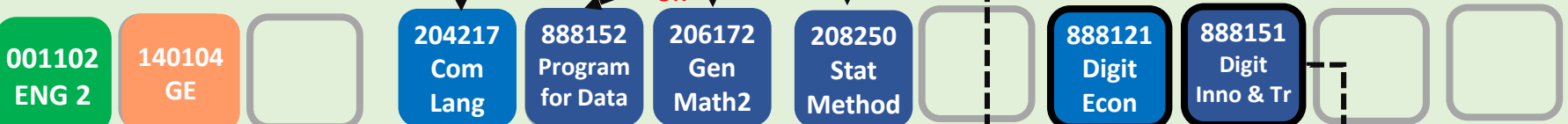
**Curriculum:** at least 132 Credits

1<sup>st</sup> Year; **GPA>1.50**

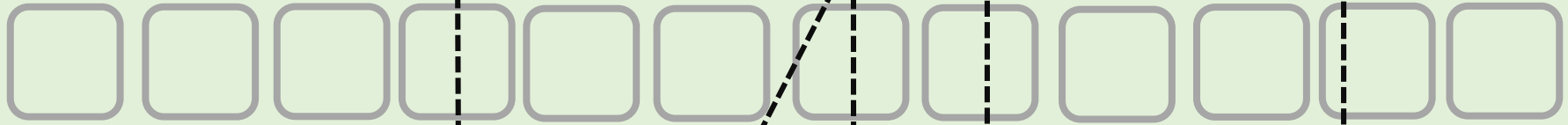
**First Semester (Total: 21 credits)**



**Second Semester (Total: 21 credits)**



**Summer (Total: 3 credits)**



2<sup>nd</sup> Year; **GPA>1.75**

**First Semester (Total: 21 credits)**



**Second Semester (Total: 18 credits)**



**Summer (Total: 6 credits)**



3<sup>rd</sup> Year; **GPA>1.75**

**First Semester (Total: 15 credits)**



**Second Semester (Total: 15credits)**

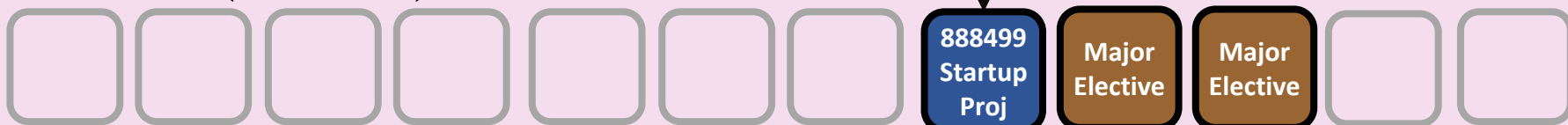


4<sup>th</sup> Year; **GPA>2.00; Major>2.00**

**First Semester (Total: 12 credits)**



**Second Semester (Total: 9 credits)**



## Entrepreneur course group

**1.General Education** 30 credits  
**1.1 Required Courses** 21 credits  
**1.1.1. Learner Person** 15 credits

- 001101 Fundamental English 1
- 001102 Fundamental English 2
- 001201 Critical Reading and Effective Writing
- 001225 English in Science and Technology Context

**Choose one course from the followings:**

- 204100 Information Technology and Modern Life
- 261111 Internet and Online Community
- 953111 Software for Everyday Life

**1.1.2. Innovative Co-creator** 3 credits

**Select 1 course from the followings:**

- 159100 Modern World in Everyday Life
- 751100 Economics for Everyday Life

**1.1.3 Active Citizen** 3 credits  
140104 Citizenship

**1.2 GE Electives** 9 credits

**A student also chooses at least 9 credits from these 2 groups of GE courses.**

**1.2.1 Learner Person**

- 702101 Finance for Daily Life
- 888102 Big Data for Business

**1.2.2 Active Citizen**

- 888106 Communication and Networking in Online Society

**Major Elective** a minimum of 39 credits

**A student also chooses at least 13 courses from the followings**

- 204321 Database System 1
- 204423 Data Mining
- 204453 Pattern Recognition
- 208350 Applied Multivariate Statistics for Data Science
- 208450 Analytics for Observational Data
- 208451 Analytics for Experimental and Simulated Data
- 888312 Startup in Health Business
- 888350 Implementation of STEM in Business for Sustainable Development Goals
- 888341 Startup in Internet and Mobile Technology
- 888342 Introduction to Management Information System
- 888361 Startup in Energy and Logistics Management
- 888411 Operation Research for Digital Innovation
- 888450 Startup in Digital Technology
- 888451 Startup in Smart Electronic Technology
- 888452 Startup in Agriculture and Biotechnology Industry
- 888453 Startup in Food for Future Industry
- 888454 Startup in Biofuel and Biochemical Technology
- 888455 Blockchain Security Design for Financial Technology
- 888461 Startup in Manufacturing
- 888463 Startup in Agro and Food Business

**Free Elective** a minimum of 6 credits

- 888147 Innovation for Entrepreneur
- 888148 New Venture Creation through Innovation
- 888149 Service Learning in Society 5.0
- 888212 Fundamental Digital Tools for Entrepreneurs