NUS Innovation & Design Programme
College of Design and Engineering

Bachelor of Arts / Bachelor of Social Sciences with Minor in Innovation & Design

Cohort AY2025/2026

Course Requirements	Units
Common Curriculum	
Artificial Intelligence	4
Communities and Engagement	4
Data Literacy	4
Digital Literacy	4
Design Thinking: DTK1234 Design Thinking	4
Writing	4
Integrated Asian Studies: HSA1000 Asian Interconnections	4
Integrated Humanities: HSH1000 The Human Condition	4
Integrated Social Sciences: HSS1000 Understanding Social Complexity	4
Scientific Inquiry I	4
Scientific Inquiry II	4
Interdisciplinary Course I	4
Interdisciplinary Course II	4
Sub-total for Common Curriculum	**52**
Major Requirements	
Major gateway course	4
Core courses and electives	56
Sub-total for Major Requirements	**60**
Unrestricted Electives	
CDE3301 Ideas to Proof-of-Concept (over 2 consecutive semesters)	12
Electives for Minor	8
Other unrestricted electives	28
Sub-total for Unrestricted Electives	**48**
Total	**160**

Notes:

1. Some courses in the Common Curriculum may be fulfilled by those in NUS College (NUSC), University Town College Programme (UTCP), and Ridge View Residential Programme (RVRC).

2. Students should clear at least one elective course prior to CDE3301.

(updated 8 July 2025)

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Recommended semester schedule
(for students who may want to upgrade to a Second Major / planning for SEP in Semester 6)

Semester 1	Units	Semester 2	Units
HSH1000 The Human Condition or HSS1000 Understanding Social Complexity	4	HSH1000 The Human Condition or HSS1000 Understanding Social Complexity	4
HSA1000 Asian Interconnections or Scientific Inquiry I	4	HSA1000 Asian Interconnections or Scientific Inquiry I	4
Data Literacy or DTK1234 Design Thinking	4	Data Literacy or DTK1234 Design Thinking	4
Writing	4	Major 2	4
Major 1 (gateway course)	4	Elective 1 for Minor	4
Sub-total	**20**	**Sub-total**	**20**

Semester 3	Units	Semester 4	Units
Digital Literacy	4	Artificial Intelligence	4
Scientific Inquiry II	4	Communities and Engagement	4
Major 3	4	Major 5	4
Major 4	4	Major 6	4
Elective 2 for Minor	4	CDE3301 Ideas to Proof-of-Concept	6
Sub-total	**20**	**Sub-total**	**22**

Semester 5	Units	Semester 6 – can be used for SEP	Units
CDE3301 Ideas to Proof-of-Concept	6	Interdisciplinary Course II	4
Interdisciplinary Course I	4	Major 9	4
Major 7	4	Major 10	4
Major 8	4	UE	4
		UE	4
Sub-total	**18**	**Sub-total**	**20**

Semester 7	Units	Semester 8	Units
Major 11	4	Major 14	4
Major 12	4	Major 15	4
Major 13	4	UE	4
UE	4	UE	4
UE	4	UE	4
Sub-total	**20**	**Sub-total**	**20**

(updated 8 July 2025)

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Recommended semester schedule
(for students who are not planning to upgrade to a Second Major / planning for SEP in Semester 5)

Semester 1	Units	Semester 2	Units
HSH1000 The Human Condition <u>or</u> HSS1000 Understanding Social Complexity	4	HSH1000 The Human Condition <u>or</u> HSS1000 Understanding Social Complexity	4
HSA1000 Asian Interconnections <u>or</u> Scientific Inquiry I	4	HSA1000 Asian Interconnections <u>or</u> Scientific Inquiry I	4
Data Literacy <u>or</u> DTK1234 Design Thinking	4	Data Literacy <u>or</u> DTK1234 Design Thinking	4
Writing	4	Major 2	4
Major 1 (gateway course)	4	Major 3	4
Sub-total	**20**	**Sub-total**	**20**

Semester 3	Units	Semester 4	Units
Digital Literacy	4	Artificial Intelligence	4
Scientific Inquiry II	4	Communities and Engagement	4
Major 4	4	Major 6	4
Major 5	4	Major 7	4
Elective 1 for Minor	4	Elective 2 for Minor	4
Sub-total	**20**	**Sub-total**	**20**

Semester 5 – can be used for SEP	Units	Semester 6	Units
Major 8	4	CDE3301 Ideas to Proof-of-Concept	6
Major 9	4	Major 10	4
UE	4	Major 11	4
UE	4	Interdisciplinary Course I	4
UE	4	Interdisciplinary Course II	4
Sub-total	**20**	**Sub-total**	**22**

Semester 7	Units	Semester 8	Units
CDE3301 Ideas to Proof-of-Concept	6	Major 14	4
Major 12	4	Major 15	4
Major 13	4	UE	4
UE	4	UE	4
UE	4		
Sub-total	**22**	**Sub-total**	**16**

(updated 8 July 2025)