

**Bachelor of Arts (Architecture)
with Minor in Innovation & Design**

Cohort AY2026/2027

Course Requirements	Units
Common Curriculum	
GEA1000 Quantitative Reasoning with Data ¹	4
GE: Critique and Expression ²	4
GE: Cultures and Connections ²	4
GE: Communities and Engagement ²	4
AR2524 Spatial Computational Thinking <u>or</u> CS1010E Programming Methodology (or other variants) ²	4
CDE2212 AI for Design <u>or</u> HS1501 Artificial Intelligence and Society <u>or</u> EE2211 Introduction to Machine Learning <u>or</u> EE2213 Introduction to Artificial Intelligence	4
CDE2501 Sustainable Systems for Liveable Cities ²	4
DTK2234 Advanced Design Thinking	4
EG1311 Design and Make <u>or</u> EG1311BE Design and Make	4
PF1101A Project Management and Finance	4
Sub-total for Common Curriculum	40
Major Requirements	
AR1101A Design 1: Seeing, Thinking, Making	8
AR1102 Design 2	8
AR2101 Design 3	8
AR2102 Design 4	8
AR3101 Design 5	8
AR3102 Design 6	8
AR1328A Architectural Materials and Construction	4
AR1329 Climate, Ecology & Architecture	4
AR2227 History & Theory of Architecture I	4
AR2228 History & Theory of Architecture II	4
AR2328A Architectural Tectonics and Structural Systems	4
AR3223 Introduction to Urbanism	4
AR3328 Architectural Structures and Forces	4
AR3722 Sustainable Environmental System	4
Sub-total for Major Requirements	80
Unrestricted Electives	
CDE3301 Ideas to Proof-of-Concept (over 2 consecutive semesters) ³	12
Electives for Minor ³	8
Other unrestricted electives	20
Sub-total for Unrestricted Electives	40
Total	160

Notes:

- ¹ Students may read other approved courses for Data Literacy in lieu of GEA1000.
- ² Students may read equivalent courses in NUS College (NUSC), University Town College Programme (UTCP), and Ridge View Residential Programme (RVRC). CDE2501 fulfils GE: Singapore Studies.
- ³ Students should clear at least one elective course prior to CDE3301.

Sample study plan

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

Semester 1	Units	Semester 2	Units
AR1101A Design 1: Seeing, Thinking, Making	8	AR1102 Design 2	8
EG1311 Design and Make or EG1311BE Design and Make	4	AR1328A Architectural Materials and Construction	4
DTK2234 Advanced Design Thinking	4	AR2227 History & Theory of Architecture I	4
GEA1000 Quantitative Reasoning with Data	4	AR2524 Spatial Computational Thinking	4
Sub-total	20	Sub-total	20

Semester 3	Units	Semester 4	Units
AR2101 Design 3	8	AR2102 Design 4	8
AR2228 History & Theory of Architecture II	4	AR1329 Climate, Ecology & Architecture	4
AR2328A Architectural Tectonics and Structural Systems	4	CDE2501 Sustainable Systems for Liveable Cities	4
CDE2212 AI for Design	4	CDE3301 Ideas to Proof-of-Concept	6
Elective 1 for Minor	4		
Sub-total	24	Sub-total	22

Semester 5	Units	Semester 6 – can be used for SEP	Units
AR3101 Design 5	8	AR3102 Design 6	8
AR3223 Introduction to Urbanism	4	AR3722 Sustainable Environmental System	4
AR3328 Architectural Structures and Forces	4	PF1101A Project Management and Finance	4
CDE3301 Ideas to Proof-of-Concept	6	Elective 2 for Minor	4
Sub-total	22	Sub-total	20

Semester 7	Units	Semester 8	Units
GE	4	UE	4
GE	4	UE	4
GE	4	UE	4
UE	4	UE	4
Sub-total	16	Sub-total	16

Sample study plan

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

Semester 1	Units	Semester 2	Units
AR1101A Design 1: Seeing, Thinking, Making	8	AR1102 Design 2	8
EG1311 Design and Make or EG1311BE Design and Make	4	AR1328A Architectural Materials and Construction	4
DTK2234 Advanced Design Thinking	4	AR2227 History & Theory of Architecture I	4
GEA1000 Quantitative Reasoning with Data	4	AR2524 Spatial Computational Thinking	4
Sub-total	20	Sub-total	20

Semester 3	Units	Semester 4	Units
AR2101 Design 3	8	AR2102 Design 4	8
AR2228 History & Theory of Architecture II	4	AR1329 Climate, Ecology & Architecture	4
AR2328A Architectural Tectonics and Structural Systems	4	CDE2501 Sustainable Systems for Liveable Cities	4
CDE2212 AI for Design	4	Elective 2 for Minor	4
Elective 1 for Minor	4		
Sub-total	24	Sub-total	20

Semester 5 – can be used for SEP	Units	Semester 6	Units
AR3101 Design 5	8	AR3102 Design 6	8
AR3223 Introduction to Urbanism	4	AR3722 Sustainable Environmental System	4
AR3328 Architectural Structures and Forces	4	PF1101A Project Management and Finance	4
GE	4	CDE3301 Ideas to Proof-of-Concept	6
Sub-total	20	Sub-total	22

Semester 7	Units	Semester 8	Units
CDE3301 Ideas to Proof-of-Concept	6	UE	4
GE	4	UE	4
GE	4	UE	4
UE	4	UE	4
Sub-total	18	Sub-total	16