Innovation & Design Programme
NUS College of Design and Engineering

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

Cohorts AY2021/2022 and AY2022/2023

Modular Requirements	Modular Credits (MCs)
Common Curriculum	
GEA1000 Quantitative Reasoning with Data	4
AR2524 Spatial Computational Thinking	4
GECxxxx Design, Technology and Society [1]	4
GE: Critique and Expression [1]	4
GE: Singapore Studies [1]	4
GE: Communities and Engagement [1]	4
CDE2000 Creating Narratives	4
DTK1234A Design Thinking	4
EG1311 Design and Make	4
EG2501 Liveable Cities	4
IE2141 Systems Thinking and Dynamics	4
PF1101 Fundamentals of Project Management	4
HS1501 Artificial Intelligence and Society or EE2211 Introduction to Machine Learning	4
AR3102 Design 6 [2]	8
Sub-total for Common Curriculum	**60**
Major Requirements	
AR1101 Design 1	4
AR1102 Design 2	8
AR2101 Design 3	8
AR2102 Design 4	8
AR3101 Design 5	8
AR1329 Climate, Ecology & Architecture	4
AR2221 History and Theory of Southeast Asia Architecture	4
AR2222 History and Theory of Western Architecture	4
AR2328 Architectural Construction & Tectonics	4
AR3223 Introduction to Urbanism	4
AR3722 Sustainable Environmental System	4
Sub-total for Major Requirements	**60**
Unrestricted Electives	
Group A module for Minor	4
Group B module for Minor	4
EG3301R DCP Project (over 2 consecutive semesters)	12
Other unrestricted electives	20
Sub-total for Unrestricted Electives	**40**
Total	**160**

Notes:

[1] Students may read equivalent modules in USP/NUSC, UTCP, and RVRC.

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Recommended semester schedule
(for students who may want to upgrade to a Second Major)

Semester 1	MCs	Semester 2	MCs
AR1101 Design 1	4	AR1102 Design 2	8
DTK1234A Design Thinking	4	AR2222 History and Theory of Western Architecture	4
EG1311 Design & Make	4	CDE2000 Creating Narratives	4
GEA1000 Quantitative Reasoning with Data	4	Group A module for Minor	4
GE	4		
Sub-total	**20**	**Sub-total**	**20**

Semester 3	MCs	Semester 4	MCs
AR2101 Design 3	8	AR2102 Design 4	8
AR2221 History and Theory of Southeast Asia Architecture	4	AR1329 Climate, Ecology & Architecture	4
AR2328 Architectural Construction & Tectonics	4	AR2524 Spatial Computational Thinking	4
Group B module for Minor	4	EG3301R DCP Project	6
Sub-total	**20**	**Sub-total**	**22**

Semester 5	MCs	Semester 6 – can be used for SEP	MCs
AR3101 Design 5	8	AR3101 Design 6	8
AR3223 Introduction to Urbanism	4	AR3722 Sustainable Environmental System	4
EG3301R DCP Project	6	GE *	4
GE *	4	UE	4
Sub-total	**22**	**Sub-total**	**20**

Semester 7	MCs	Semester 8	MCs
EG2501 Liveable Cities	4	GECxxxx Design, Technology and Society	4
HS1501 Artificial Intelligence and Society or EE2211 Introduction to Machine Learning	4	IE2141 Systems Thinking & Dynamics	4
UE	4	PF1101 Fundamentals of Project Management	4
UE	4	UE	4
UE	4		
Sub-total	**20**	**Sub-total**	**16**

* Students in UTCP and RVRC will need to overload in Semesters 2 to 4 in order to clear these modules earlier.

(updated 16 June 2022)

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Recommended semester schedule
(for students who are not planning to upgrade to a Second Major)

Semester 1	MCs	Semester 2	MCs
AR1101 Design 1	4	AR1102 Design 2	8
DTK1234A Design Thinking	4	AR2222 History and Theory of Western Architecture	4
EG1311 Design & Make	4	CDE2000 Creating Narratives	4
GEA1000 Quantitative Reasoning with Data	4	GE	4
GE	4		
Sub-total	**20**	**Sub-total**	**20**

Semester 3	MCs	Semester 4	MCs
AR2101 Design 3	8	AR2102 Design 4	8
AR2221 History and Theory of Southeast Asia Architecture	4	AR1329 Climate, Ecology & Architecture	4
AR2328 Architectural Construction & Tectonics	4	AR2524 Spatial Computational Thinking	4
GE	4	Group A module for Minor	4
Sub-total	**20**	**Sub-total**	**20**

Semester 5	MCs	Semester 6	MCs
AR3101 Design 5	8	AR3101 Design 6	8
AR3223 Introduction to Urbanism	4	AR3722 Sustainable Environmental System	4
Group B module for Minor	4	EG3301R DCP Project	6
UE	4	UE	4
Sub-total	**20**	**Sub-total**	**22**

Semester 7	MCs	Semester 8	MCs
EG2501 Liveable Cities	4	GECxxxx Design, Technology and Society	4
HS1501 Artificial Intelligence and Society or EE2211 Introduction to Machine Learning	4	IE2141 Systems Thinking & Dynamics	4
EG3301R DCP Project	6	PF1101 Fundamentals of Project Management	4
UE	4	UE	4
UE	4		
Sub-total	**22**	**Sub-total**	**16**

(updated 16 June 2022)