



# Master of Building Information Modelling and Integrated Project Delivery

## Delivery Program Structure

Commencing January 2021

Program Code	Total Subject	Intakes	Duration	Degree Structure
SD-93039, V2	14	January, May, September	3 semesters	13 required subjects

Foundation Subject		
SSUD70-301	Foundations of Intelligent Construction (Open BIM)	January, May, September
SSUD70-302	Intellectual Property Rights (Data Exchange)	January, May, September
SSUD70-303	3D-BIM (Virtual and Augmented Reality)	January, May, September
SSUD70-304	4D-BIM (Schedule Optimisation)	January, May, September
SSUD70-305	5D-BIM (Cost Modelling)	January, May, September
SSUD70-306	6D-BIM (Environment Sustainability Assessment)	January, May, September
SSUD70-307	7D-BIM (Facilities Management)	January, May, September
SSUD70-308	BIM and Big Data (Geographic Information Systems – GIS)	January, May, September
SSUD71-010	Project Process Reengineering (Workflow Visualisation and Change)	January, May, September
SSUD71-011	Continuous Process Improvement (Quality and Safety Standards)	January, May, September
SSUD71-012	Productivity and Off-site Fabrication (Minimising Waste)	January, May, September
SSUD71-013	Managing Complexity in Construction (Maximising Value)	January, May, September
<b>Student can choose one of the 40 cp options below</b>		
SDCM73-110	BIM/IPD Capstone (Project)	January, May, September
SDCM73-111	BIM/IPD Capstone (Work Placement)	Faculty approval required. January, May, September

# Master of Building Information Modelling and Integrated Project Delivery

## Program Sequence

Commencing <b>January</b>		Commencing <b>May</b>		Commencing <b>September</b>	
Semester 1 (Jan)		Semester 1 (May)		Semester 1 (Sept)	
SSUD70-301	Foundations of Intelligent Construction (Open BIM)	SSUD70-301	Foundations of Intelligent Construction (Open BIM)	SSUD70-301	Foundations of Intelligent Construction (Open BIM)
SSUD70-302	Intellectual Property Rights (Data Exchange)	SSUD70-302	Intellectual Property Rights (Data Exchange)	SSUD70-302	Intellectual Property Rights (Data Exchange)
SSUD70-303	3D-BIM (Virtual and Augmented Reality)	SSUD70-303	3D-BIM (Virtual and Augmented Reality)	SSUD70-303	3D-BIM (Virtual and Augmented Reality)
SSUD70-304	4D-BIM (Schedule Optimisation)	SSUD70-304	4D-BIM (Schedule Optimisation)	SSUD70-304	4D-BIM (Schedule Optimisation)
SSUD70-305	5D-BIM (Cost Modelling)	SSUD70-305	5D-BIM (Cost Modelling)	SSUD70-305	5D-BIM (Cost Modelling)
SSUD70-306	6D-BIM (Environment Sustainability Assessment)	SSUD70-306	6D-BIM (Environment Sustainability Assessment)	SSUD70-306	6D-BIM (Environment Sustainability Assessment)
SSUD70-307	7D-BIM (Facilities Management)	SSUD70-307	7D-BIM (Facilities Management)	SSUD70-307	7D-BIM (Facilities Management)
SSUD70-308	BIM and Big Data (Geographic Information Systems – GIS)	SSUD70-308	BIM and Big Data (Geographic Information Systems – GIS)	SSUD70-308	BIM and Big Data (Geographic Information Systems – GIS)
Semester 2 (May)		Semester 2 (September)		Semester 3 (January)	
SSUD71-010	Project Process Reengineering (Workflow Visualisation and Change)	SSUD71-010	Project Process Reengineering (Workflow Visualisation and Change)	SSUD71-010	Project Process Reengineering (Workflow Visualisation and Change)
SSUD71-011	Continuous Process Improvement (Quality and Safety Standards)	SSUD71-011	Continuous Process Improvement (Quality and Safety Standards)	SSUD71-011	Continuous Process Improvement (Quality and Safety Standards)
SSUD71-012	Productivity and Off-site Fabrication (Minimising Waste)	SSUD71-012	Productivity and Off-site Fabrication (Minimising Waste)	SSUD71-012	Productivity and Off-site Fabrication (Minimising Waste)
SSUD71-013	Managing Complexity in Construction (Maximising Value)	SSUD71-013	Managing Complexity in Construction (Maximising Value)	SSUD71-013	Managing Complexity in Construction (Maximising Value)
Semester 3 (September)		Semester 3 (January)		Semester 3 (May)	
SDCM73-110 or SDCM73-111	BIM/IPD Capstone (Project) or BIM/IPD Capstone (Work Placement)	SDCM73-110 or SDCM73-111	BIM/IPD Capstone (Project) or BIM/IPD Capstone (Work Placement)	SDCM73-110 or SDCM73-111	BIM/IPD Capstone (Project) or BIM/IPD Capstone (Work Placement)

The information published in this document is correct at the time of printing. However, all programs are subject to review by the Academic Senate of the University and the University reserves the right to change its program offerings and subjects without notice.