Master of Building Information Modelling and Integrated Project Delivery

Program Structure

Commencing 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 (Modelling for Data and Visualisation)	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
Student can choose one of the 40 cp options below		
SDCM73-110	BIM/IPD Capstone (Project)	January, May, September
SDCM73-111	BIM/IPD Capstone (Work Placement) Faculty approval required.	January, May, September

20/07/2021

Master of Building Information Modelling and Integrated Project Delivery

Program Sequence

Commencing **January**		Commencing **May**		Commencing **September**	
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 (Modelling for Data and Visualisation)	SSUD70-303	3D-BIM (Modelling for Data and Visualisation)	SSUD70-303	3D-BIM (Modelling for Data and Visualisation)
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)