

**B.Sc. (Project and Facilities Mgt.) (Hons.) curriculum for AY2014/15 intake:**

**Table 1: Curriculum Structure**

No.	Modules	MCs
<b>1</b>	<b>UNIVERSITY LEVEL REQUIREMENTS</b>	<b>20</b>
a	<b>General Education (GE)^</b> 1 from Group A: Science & Technology 1 from Group B: Humanities & Social Sciences	8
b	<b>Singapore Studies (SS)</b>	4
c	<b>Breadth</b>	8
<b>2</b>	<b>PROGRAMME REQUIREMENTS</b>	<b>120</b>
a	Foundation (Compulsory) modules	48
b	Project Management modules	28 min.
c	Facilities Management modules	24 min.
d	Technology modules	12 min.
e	Dissertation (for students on Dissertation track)* <b>OR</b> Any 2 Programme Electives (for students on Non-Dissertation track)**	8
<b>3</b>	<b>UNRESTRICTED ELECTIVES (UEs)</b>	<b>20</b>
	<b>Total</b>	<b>160</b>

**Notes:**

^ Please refer to the GE website (<http://www.nus.edu.sg/registrar/gem>) for more details on the GE requirements.

\* Dissertation track (students with CAP 3.50 and above upon completion of 80 MCs):  
28 modules (112 MCs) + 1 Dissertation (8 MCs) = 29 modules (120 MCs).

\*\*Non-dissertation track (students with CAP below 3.50 upon completion of 80 MCs):  
28 modules (112 MCs) + 2 programme electives (8 MCs) = 30 modules (120 MCs)

**Table 2: Programme Structure**

	Level 1		Level 2		Level 3		Level 4	
	Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8
Foundation (Compulsory)	PF1101 Fundamentals of Project Management (4 MCs)	PF1103 IT and BIM for Projects (4 MCs)	PF2101 Project & Facilities Management Law (4 MCs)	PF2103 Measurement (Building Works) (4 MCs)				PF4101 Dissertation (optional for CAP below 3.50) (8 MCs)
	PF1102 Visualisation in Design and Technology (4 MCs)	PF1104 Environmental Science for Building (4 MCs)	PF2106 Project and Facilities Communication Management (4 MCs)	PF2105 Research Methods (4 MCs)			PF4102 Contract and Procurement Management (4 MCs)	
		PF1105 Fundamentals of Facilities Management (4 MCs)	PF2107 Construction Technology (4 MCs)	PF2108 Project Cost Management (4 MCs)				
Project Management			PF2201 Scope and Design Management (4 MCs)	PF2203 Quality and Productivity Management (4 MCs)	PF3205 Advanced Measurement (Pre-req: PF2501) (4 MCs)	PF3201 Measurement (Specialist Works) (Pre-req: PF2503) (4 MCs)	PF4202 Safety, Health and Environmental Management (4 MCs)	PF4203 Project Dispute Management (4 MCs)
			PF2204 Project Development and Finance (4 MCs)		PF3206 Project Scheduling and Control (4 MCs)	PF3207 Project Management Law (4 MCs)	PF4206 Building Information Modelling (4 MCs)	PF4207 Project Risk Management (4 MCs)
Facilities Management				PF2304 Operations and Maintenance Management (4 MCs)	PF3301 Maintainability of Facilities (4 MCs)	PF3304 Facilities Management Law (4 MCs)	PF4301 Strategic Facilities Management (4 MCs)	PF4305 Green Development (4 MCs)
					PF3302 Energy Management (Pre-req: PF2503) (4 MCs)	PF3305 Facilities Planning and Design (Pre-req: PF2501#) (4 MCs)	PF4307 Event Management (4 MCs)	PF4308 Event Management Case Studies (4 MCs)
Technology			PF2501 Structural Systems (4 MCs)	PF2503 M&E Engineering Systems (4 MCs)		PF3501 Intelligent Facilities (4 MCs)		PF4501 Total Building Performance (4 MCs)
			PF2502 Development Technology and Management (4 MCs)	PF2504 Materials Technology (4 MCs)				

General Education Modules (GEMs) – 8 MCs  
 Singapore Studies Modules (SS) – 4 MCs  
 Breadth (Elective modules outside SDE) – 8 MCs  
 Unrestricted Electives (within/outside SDE) (UEs) – 20 MCs

**Notes:**

Students may take FMD1201 Policies for Building Sustainable Cities, FMD1202 Green Building Technologies for Sustainable Cities and PF2401 Environmental Management to fulfil their Unrestricted Electives (UEs) requirement.

# The prerequisite for PF3305 Facilities Planning and Design is removed with effect from AY2018/19 Semester 2.