

MAJOR PRESCRIBED ELECTIVES

Part-time students have to read four Major Prescribed Electives (Major PEs). They may choose from any of the below specialization groups.

Those who have passed at least three Major PEs from one specialization group will be deemed to have specialized.

Students can only choose one specialization to be reflected in their transcript.

Innovative Design (To be discontinued: last offering in AY2018/19 S2.)

COURSE CODE	COURSE TITLE	SEMESTER	PRE-REQUISITE
MA4831	Computer-aided Engineering	2	Nil
MA4843	Management of Product Development	2	Nil
MA4845	Manufacturing Automation	2	Nil
MA4846	Product Design Engineering	2	Nil

Manufacturing Engineering

COURSE CODE	COURSE TITLE	SEMESTER	PRE-REQUISITE
MA4837	Net Shape Manufacturing	2	MA2004
MA4838	Non-conventional Manufacturing Processes	1	Nil
MA4842	Engineering Metrology	1	Nil
MA4845	Manufacturing Automation	2	Nil
MA4853	Manufacturing Systems	2	Nil

Systems Engineering

COURSE CODE	COURSE TITLE	SEMESTER	PRE-REQUISITE
MA4849	Operations Research	1	Nil
MA4850	Supply Chain & Logistics Management	1	Nil
MA4853	Manufacturing Systems	2	Nil
MA4854	Quality Assurance & Management	2	Nil