

Recommended Semester Schedule for French ME Double Degree Programme from AY2021/2022 onwards

Semester 1		Units	Semester 2		Units
EG1311	Design and Make	4	GEA1000	Quantitative Reasoning with Data (GE 2)	4
CS1010E	Programming Methodology (GE 1)	4	DTK1234	Design Thinking	4
ME2102	Engineering Innovation and Modelling	4	PF1101	Fundamentals of Project Management	4
ME2162	Manufacturing Processes	4	ME2112	Strength of Materials	4
GESS (GE4)		4	ME2134	Fluid Mechanics I	4
Sub-total		20	Sub-total		20

Semester 3		Units	Semester 4		Units
IE2141	Systems Thinking and Dynamics	4	EG2501	Liveable Cities	4
ES2631	Critique and Communication of Thinking and Design (GE 3)	4	EE2211	Introduction to Machine Learning	4
GEN (GE5)		4	CDE2000	Creating Narratives	4
ME2121	Engineering Thermodynamics and Heat Transfer	4	EG2401A		2
ME2142	Feedback Control Systems	4	ME2115	Mechanics of Machines	4
			GEC (GE6)		4
French Language Classes			French Language Classes		
Special Maths and Physics Classes (approx. 80 hours)			Special Maths and Physics Classes (approx. 80 hours)		
Winter Vacation: Language immersion in France during December (approx. 100 hours)			Summer Vacation: Language immersion in France during December (approx. 100 hours) prior to the start of semester in France.		
Sub-total		20	Sub-total		22
Total					82

Note

Students are accepted into the FDDP programme only in their Year 1 Semester 2.

FDDP students will complete **82 Units** at NUS i.e. 52 MCs of Common Curriculum courses (does not include Integrated project) + 30 MCs of major requirements comprise of 2 MCs from Engineering Core (EG2401A) and 28 MCs from the programme major (core) requirements.

Sem 5 – 8: Students to attend classes in **Grandes Écoles**

Sem 9: Once they return from France, they join the Masters by Research program.

FDDP students are exempted from doing Integrated project as long as they do **Masters by Research**.

Catalogue of courses in the Common Curriculum

Common Curriculum Pillar	B.Eng.
	Basket of Courses
General Education (GE) Courses:	
Singapore Studies (GESS)	Students may read any module from the curated list of courses as approved by the NUS General Education Committee for this pillar.
Cultures and Connections (GEC)	Students may read any module from the curated list of courses as approved by the NUS General Education Committee for this pillar.
Communities and Engagement (GEN)	Students may read any module from the curated list of courses as approved by the NUS General Education Committee for this pillar.
Critique and Expression	ES2631 Critique and Communication of Thinking and Design
Digital Literacy	CS1010% Programming Methodology (any variant)
Data Literacy	GEA1000 Quantitative Reasoning with Data
Common Courses:	
Design Thinking	DTK1234 Design Thinking
Maker Space	EG1311 Design and Make
Systems Thinking	IE2141 Systems Thinking and Dynamics
Artificial Intelligence	EE2211 Introduction to Machine Learning
Sustainable Futures	EG2501 Liveable Cities
Creating Narratives	CDE2000 Creating Narratives
Project Management	PF1101 Fundamentals of Project Management