

MS in Engineering Management – Sample Study Plans

NON-THESIS OPTION

Year 1 – Term 1 (Fall)

Course Type	Course Code	Course Title	ECTS
Compulsory	ENMG 601	Strategic Management of Technology	9
Compulsory	ENMG 602	Introduction to Financial Engineering	9
Compulsory Concentration Course	ENMG 633 OR ENMG 615	Project Deliverance and Contracts OR Deterministic Optimization Models	9

Year 1 – Term 2 (Spring)

Course Type	Course Code	Course Title	ECTS
Compulsory	ENMG 603	Probability and Decision Analysis	9
Compulsory	ENMG 604	Operations Management	9
Compulsory Concentration Course	ENMG 631 OR ENMG 612	Project Planning, Scheduling, and Control OR Financial Engineering I	9

Year 1 – Term 3 (Summer)

Course Type	Course Code	Course Title	ECTS
MEM Elective		Elective from chosen concentration (PPM or FIE)	9
Free Elective		Free elective upon approval of the department	9

Year 2 – Term 4 (Fall)

Course Type	Course Code	Course Title	ECTS
MEM Elective		Elective from chosen concentration (PPM or FIE)	9
Free Elective		Free elective upon approval of the department	9

THESIS OPTION

Year 1 – Term 1 (Fall)

Course Type	Course Code	Course Title	ECTS
Compulsory	ENMG 601	Strategic Management of Technology	9
Compulsory	ENMG 602	Introduction to Financial Engineering	9
Compulsory Concentration Course	ENMG 633 OR ENMG 615	Project Deliverance and Contracts OR Deterministic Optimization Models	9

Year 1 – Term 2 (Spring)

Course Type	Course Code	Course Title	ECTS
Compulsory	ENMG 603	Probability and Decision Analysis	9
Compulsory	ENMG 604	Operations Management	9
Compulsory Concentration Course	ENMG 631 OR ENMG 612	Project Planning, Scheduling, and Control OR Financial Engineering I	9

Year 1 – Term 3 (Summer)

Course Type	Course Code	Course Title	ECTS
MEM Elective		Elective from chosen concentration (PPM or FIE)	9
Free Elective		Free elective upon approval of the department	9

Year 2 – Term 4 (Fall)

Course Type	Course Code	Course Title	ECTS
Compulsory	ENMG 690/699	Thesis/Capstone	18