Carnegie Mellon University | integrated innovation institute

Fall 2023 Start – Course Plan

Master of Science in Software Management
16-Month Program Degree Plan

Fall 2023: First Term
Curriculum Plan

Course #	Course Title	Term Format	Units	Code
49760	Foundations of Software Management	Full Term	12	R
49750	Integrated Thinking for Innovation	Mini 1	6	R M
49751	Product Management	Mini 1	6	R M
49755	Product Discovery & Definition	Mini 2	6	R M
49772	Software Engineering Management	Mini 2	6	R M
Various	Elective Course (12-unit options)	Full Term	12	E
49794	Strategies for Your Career	Full Term	3	O P

Spring 2024: Second Term
Curriculum Plan

Course #	Course Title	Term Format	Units	Code
49771	Process & Project Management	Full Term	12	R
49756	Product & Business Modeling	Mini 3	6	R M
49758	The Business of Software	Mini 3	6	R M
49757	Solution Strategy & Marketing	Mini 4	6	R M
49770	Metrics for Technology Products & Services	Mini 4	6	R M
Various	Elective Courses (6-unit options)	Mini 3 & Mini 4	12	E M

Summer 2024: Third Term
Curriculum Plan

Course #	Course Title	Term Format	Units	Code
49793	Integrated Innovation Institute – Internship	Full Term	3	R P

Fall 2024: Fourth Term
Curriculum Plan

Course #	Course Title	Term Format	Units	Code
49761	Leadership & Teams	Mini 1	6	R M
Various	Applied Learning Requirement (ALR)	Full Term	12	R

	Complete one of the following applied learning courses during the final fall term: • 49792 – Software Management Practicum • 49759 – Integrated Innovation for Large-Scale Problems • 49881 – Start-Up Creation in Practice (#)	*(#) Students who take 49881 as their ALR must enroll in Mini 1 & Mini 2 (6-units each).*		
Various	Elective Courses (12-unit or 6-unit options)	Full Term, Mini 1 and/or Mini 2	30	E

Key for Code:
R = Required Course
E = Elective; Graduate-level course appropriate to the MSSM program
M = Mini course: this course is taught in a 6-to 8-week format
O = Optional; Highly recommended for MSSM students
P = Pass/No Pass Grade (Units not counted towards required 144 units)

Curriculum Requirements
- The 3-semester curriculum requires students to complete a minimum of 144 units of course work over three semesters, plus a summer: Fall Term, Spring Term, Summer Term (internship), and Fall Term.
- Students must have a minimum QPA of 3.0 to graduate.
- Students pursuing the Technology Ventures (TV) concentration are advised to take specific elective courses. Please refer to term-specific advising communications to determine which elective courses are a part of the TV concentration.
- For additional details regarding degree requirements, review the full CMUiii Graduate Student Handbook found on the CMUiii Current Student website.

*All degree course plans are revised & updated annually during the spring semester. If you have any questions regarding updates, please email your iii academic advisor.

Last Updated: 06/21/2023