

Fall 2019 Start - Course Plan

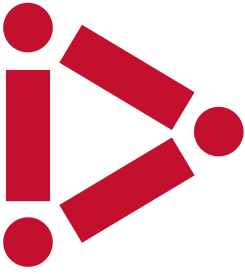
Master of Integrated Innovation for Products & Services – Advanced Study

FALL 2019

Course #	Course Title	Semester	Units	Code
49-700	Engineering Design Fundamentals	Mini 1	6	R *
49-701	Product Design Fundamentals	Mini 1	6	R *
49-702	Business Fundamentals	Mini 1	6	R *
49-703	Career Planning for Integrated Innovators	Semester	6	R
49-704	Integrated Innovation Seminar & Workshop Series	Semester	0	R
49-710	Visual Processes	Mini 2	6	R
49-712	User Research Methods	Mini 1	6	R
49-713	Designing for the Internet of Things	Mini 2	6	R
49-733	Designing Smart Systems	Mini 1	6	R
49-740	Integrated Product Development Methods	Mini 2	6	R
49-854	Business Models and Strategy	Mini 2	6	R
Various	Elective: Students have the ability to choose one 6-unit elective in either Mini 1 or Mini 2	Varies	6	E

SPRING 2020

Course #	Course Title	Semester	Units	Code
49-704	Integrated Innovation Seminar & Workshop Series	Semester	0	R
49-730	Design for Manufacturing & Sustainable Design	Mini 3	6	R



49-720	Product & Brand Management	Mini 3	6	R
49-741	Integrated Product Development Capstone	Semester	12	R
49-809	Leadership Development: Scholarship and Practice	Semester	6	R
Various	Electives: Students have the ability to choose up to 18 units of electives	Varies	Up to 18	E

SUMMER 2020

Course #	Course Title	Semester	Units	Code
49-746	III – Internship	Summer	3	R

FALL 2020

Course #	Course Title	Semester	Units	Code
49-747	Integrated Innovation Institute – Master Essay	Semester	12	R
Various	Electives: Students have the ability to choose up to 36 units of electives	Varies	Up to 36	E

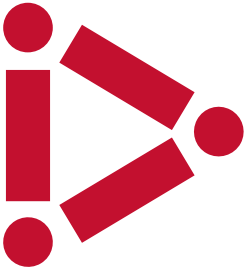
R = a required course

R * = based on academic background, complete two of three courses

E = elective

Curriculum Requirements

- The MIIPS Advanced Study curriculum requires students to complete a minimum of 141 units of course work over three semesters and a summer internship.
 - Students must maintain full-time student status (36 units) during three semesters: fall #1, spring #1, and fall #2 terms.
- Students must complete at least 42 units of electives relevant to the product development process and must be approved by their



academic advisor. This includes 12 units of electives completed within the Integrated Innovation Institute (49-xxx).

- In order to work with industry sponsors during in the degree-required [Integrated Product Development capstone course](#), signing contractual terms regarding intellectual property and non-disclosure agreements may be required to complete the course project.
- All coursework must be completed with graduate level courses.
- Students must have a minimum QPA of 3.0 to graduate.

For additional details regarding degree requirements, review the full Graduate Student Handbook [here](#).

All degree course plans are reviewed and updated annually during the spring semester. If you have any questions regarding updates, please email: iii@cmu.edu.

Last Updated: 05/24/2019