

# Curriculum of Study for Master of Integrated Innovation for Products & Services – Advanced Study Degree

## Fall 2024: First Term

**Required Course units: 48**

Minimum Units: 54

Maximum Units: 60

## Curriculum Plan

Course #	Course Title	Semester	Units
<b>Required Courses</b>			
49-742	How Things Can Be Made	Semester	6
49-744	Visual Communication for Innovators	Mini 2	6
49-743	Mastering Collaborative Strategies and Business Environments	Semester	6
49-703	Figure it Out: Your Professional Identity and Story	Semester	6
49-704	iii Seminar Series	Semester	0
49-740	Integrated Product Development	Semester	12
49-712	User Research: Theory, Methods, Practice	Mini 1	6
49-705	It Depends: An Inquiry into Innovative Thinking	Mini 2	3
49-706	People First: A Critical Look at Collaboration	Mini 1	3
<b>Elective Courses</b>			
Various	Electives: Students have the ability to select two 6-unit electives (one in mini 1 and one in mini 2) or one 12 unit elective	Varies	6-12

## Spring 2025: Second Term

### Required Course Units: 36

Minimum Units: 42

Maximum Units: 48

Course #	Course Title	Semester	Units
<b>Required Courses</b>			
49-704	iii Seminar Series	Semester	0
49-726	Essential Skills for Leaders	Mini 4	6
49-720	Managing Products and Brands	Mini 3	6
49-736	AI and IoT for the Real World	Semester	12
49-741	Integrated Product Development Capstone	Semester	12
<b>Elective Courses</b>			
Various	Electives: Students have the ability to choose up to 12 units of electives, either: <ul style="list-style-type: none"><li>o One 12-unit Semester course or</li><li>o Two 6-unit courses</li></ul>	Varies	12

## Summer 2025

### Required Course Units: 3

Course #	Course Title	Semester	Units
49-746	Integrated Innovation Institute Internship – PGH	Semester	3

## Fall 2025: Third Term

### Required Course Units: 12

Minimum Units: 36

Maximum Units: 48

Course #	Course Title	Semester	Units
<b>Required Course</b>			
49-747	Innovation Mindset in Practice	Semester	12
<b>Elective Courses</b>			
Various	Electives: Students have the ability to choose up to 36 units of electives	Varies	24-36

## 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 status (minimum of 36 units) during three semesters: fall term one, spring term two, and fall term three.
- 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 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.

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](mailto:iii@cmu.edu).