

Fall 2020 Start – Dual Degree –Course Plan

Master of Science in Technology Ventures Dual Degree: MSTV & ECE

This course plan is for students considering dual degree program with the [Electrical & Computer Engineering](#) department at CMU.

Fall 2020: First Term (Pittsburgh – ECE)

Required Course units: 36

Curriculum Plan

Course #	Course Title	Semester	Units	Code
Various	Home Engineering: Course Work*		36	R

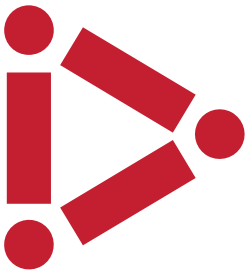
Spring 2021: Second Term (Pittsburgh – ECE)

Required Course units: 36

Curriculum Plan

Course #	Course Title	Semester	Units	Code
	Required MSTV Course			
49-850	Grand Challenge Innovation	Semester	12	R
	ECE Requirements			
Various	Home Engineering: Course Work*		24	R

Summer 2021: Third Term (Pittsburgh – ECE)



Course #	Course Title	Semester	Units	Code
Various	Course Work / ECE Internship			

Fall 2021: Fourth Term (Pittsburgh – ECE)

Required Course units: 36

Curriculum Plan

Course #	Course Title	Semester	Units	Code
Various	Home Engineering: Course Work*		36	R

***36 units of pre-approved Applied Engineering & Technology coursework** must be completed during the home Engineering degree requirements. These units will double count within the MSTV degree and MS in Engineering degree.

Spring 2022: Fifth Term (Silicon Valley)

Required Course Units: 48

Minimum Units: 48

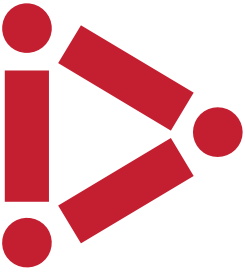
Maximum Units: 60

Curriculum Plan

Course #	Course Title	Semester	Units	Code
Required Courses				
49-804	The Leadership Challenge	Mini 4	6	R
49-851	Financial Fundamentals for New Ventures	Mini 3	6	R
49-852	Agile Marketing for New Ventures	Mini 4	6	R
49-857	Dynamic Global Teams	Mini 3	6	R
Various	Elective(s)		24	E

Summer 2022: Sixth Term (Silicon Valley)

Required Course units: 3



Course #	Course Title	Semester	Units	Code
49-859	MTSV - Internship	Semester	3	R

Fall 2022: Seventh Term (Silicon Valley)

Required Course Units: 48

Minimum Units: 48

Maximum Units: 60

Curriculum Plan

Course #	Course Title	Semester	Units	Code
Required Courses				
49-802	Innovation & Entrepreneurship	Semester	12	R
49-853	Product Management	Mini 1	6	R
49-854	Business Models & Strategy	Mini 2	6	R
49-855	Venture Governance	Mini 2	6	R
49-856	Legal Issues in New Venture Creation	Mini 1	6	R
Elective Course(s)				
Various	Elective		12	E

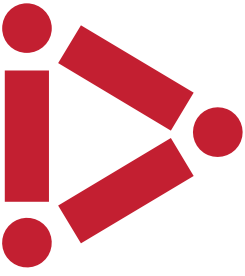
Key for Code:

R = a required course

E = elective

MSTV & ECE Dual Degree Curriculum Requirements

- Students will spend 3 academic semesters (fall, spring, fall); plus summer semester in the MS degree in ECE at the Pittsburgh campus.
- Students will spend 2 academic semesters (spring and fall); plus, a summer internship in the MSTV degree at the Silicon Valley campus
- The MSTV curriculum requires students to complete a minimum of 147 units of course work. 99 units will be completed during the spring, summer and fall terms at the Silicon Valley campus. 48 units will double-count towards the MS in Engineering & MSTV degree requirements.



- 12 units, 49-850, Grand Challenge Innovation
 - 36 units, Applied Engineering Courses (fall or spring terms)
- 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: 3/9/2020