

# Dual Degree Program Example

**MS Innovation & Management  
+ Human Factors Engineering**



**Yu-Yen**

Yu-Yen, MSIM '23 chose to get a head start on her second degree by taking a HFE course in her first summer while still in the MSIM Program. She also took 5 additional credits beyond her second degree requirements.

## MS Innovation & Management

**30 Credits**

*12 Credits Double Counted*

### Fall Semester #1

**12 Credits**

EM 221 New Product Innovation	3 Credits
EM 242 Marketing: Branding and Digital Communications	3 Credits
EM 255 Financial Management in Technology Firms	3 Credits
EM 263 Leading for Impact	3 Credits
EM 292 MSIM Graduate Seminar: Unbounded Perspectives	0 Credits
EM 292 MSIM Graduate Seminar: Career Impact	0 Credits

### Spring Semester #1

**14 Credits**

EM 212 Applied Data Science	3 Credits
EM 222 Modern Product Management	2 Credits
EM 253 Innovation and Technology Strategy	3 Credits
EM 262 Conflict Resolution	2 Credits
EM 292 MSIM Graduate Seminar: Unbounded Perspectives	0 Credits
EM 294 Special Topics: Managing Operations	1 Credit
ENP 161 Human Factor Product Design	3 Credits

### Summer Semester #1

**6 Credits**

EM 281 Capstone Innovation & Leadership Project	3 Credits
ENP 193 Special Topics: Cultural Elements in Design	3 Credits

## MS Human Factors Engineering

**30 Credits**

*12 Credits Double Counted*

### Fall Semester #2


**10 Credits**

ENP Human-Machine System Design	3 Credits
ENP 164 Applied Behavioral Statistics for Engineering	3 Credits
ME 140 Inventive Design	3 Credits
ME 291 Graduate Seminar	0 Credits
ME 299 Graduate Internship in Mechanical Engineering	1 Credit

### Spring Semester #2

**10 Credits**

ENP 163 Analytical Methods In Human Factors Engineering	3 Credits
ENP 166 Computer Interface Design	3 Credits
ENP 220 Masters Capstone	3 Credits
ME 292 Graduate Seminar: Human Factors Engineering	0 Credits
ME 299 Graduate Internship in Mechanical Engineering	1 Credit

 Double Counted

 MSIM Only

 MSCS Only