

Projected Masters of Science Degree Offerings in Portland

	Fall	Winter	Spring
(2005/2006) & Every Year Thereafter	Orientation Seminar (No credit) MFG 507 Graduate Seminar (1)	Orientation Seminar (No credit) MFG 507 Graduate Seminar (1)	Orientation Seminar (No credit) MFG 507 Graduate Seminar (1)
Alternate Years (2006/2007) & Every Other Year Thereafter	MFG XXX To be announced MFG 565 Microelectronics Manufacturing Processes (3) III	MFG 534 Design Technology for Manufacturability (3) I MFG Mfg. Mgmt. Team in the Global Enterprise (3) IV	MFG 535 Product Life Software (3) II MFG 562 Advanced Materials Science and Technology (3) III
Alternate Years (2007/2008) & Every Other Year Thereafter	MFG 537 Product Data Management and Configuration Control (3) II MFG 525 International Economics for Manufacturing (3) IV	MFG 531 Engineering Mechanics (3) I MFG 536 Automated Tool Path Generation (3) III	MFG 561 Plant Layout for Lean and Agile Manufacturing (3) III MFG 564 Quality Concepts and Philosophies (3) III
Available by Individualized Instruction	MFG 503 Thesis (3)	MFG 503 Thesis (3)	MFG 503 Thesis (3) (1st year student) MFG 503 Thesis (3)

Masters of Science Degree Requirements

The program requires 45 quarter credit hours.

30 credits are required from four Curriculum Content Areas.

I, Engineering Science and Design Technology

II, Manufacturing Software and Computer Integration

III, Advanced Manufacturing Materials and Processes Technology

IV, Business, Financial and Management Processes

Students are required to complete at least one course in each Curriculum Content Areas.

-and three courses in at least one of the Curriculum Content Areas.

12 credits are to be a thesis

3 hours will be by participation in graduate seminars.