

ENG ENGINEERING ENTREPRENEURSHIP (EUNP)

Code	Title	Course Units
ARCH 7250	Design Thinking	1
BE 4700	Medical Devices	1
BE 4720	Medical Device Development	1
BE 5020	From Biomedical Science to the Marketplace	1
BE 5140	Rehab Engineering and Design	1
BE 5280	Applied Medical Innovation I	1
BE 5290	Applied Medical Innovation II	1
BE 5620	Drug Discovery and Development	1
BE 6080	Medical Entrepreneurship: Commercializing Translational Science	1
CBE 3200	Basic Chemical Process Safety	1
CBE 4000	Introduction to Product and Process Design	1
CBE 4590	Product and Process Design Projects	1
CBE 5620	Drug Discovery and Development	1
EAS 2030	Engineering Ethics	1
EAS 5070	Intellectual Property and Business Law for Engineers	1
EAS 5120	Engineering Negotiation	1
EAS 5410	Engineering Entrepreneurship Fellows I	1
EAS 5430	Engineering Entrepreneurship Fellows II	1
EAS 5450	Engineering Entrepreneurship I	1
EAS 5460	Engineering Entrepreneurship II	1
EAS 5470	Engineering Product Management from Theory to Practice	1
EAS 5490	Engineering Entrepreneurship Lab	1
EAS 5900	Commercializing Information Technology	1
EAS 5950	Foundations of Leadership	1
ENGR 1400	Penn Global Seminar: Robotics and Rehabilitation	1
ENGR 5400	Engineering Economics	1
ESE 4000	Engineering Economics	1
ESE 5400	Engineering Economics	1
ESE 5430	Human Systems Engineering	1
FNCE 2500	Venture Capital and the Finance of Innovation	1
HCMG 2150	Management and Economics of Pharmaceutical and Biotech Industries	1
HCMG 8530	Management and Strategy in Medical Devices and Technology	1
HCMG 8630	Management and Economics of Pharmaceutical and Biotech Industries	0.5-1
HCMG 8670	Health Care Entrepreneurship	0.5
HSOC 1330	Bioethics	1
IPD 5040	Rehab Engineering and Design	1
IPD 5090	Needfinding	1
IPD 5140	Design for Manufacturability	1

IPD 5150	Product Design	1
IPD 5450	Engineering Entrepreneurship I	1
IPD 5520	Problem Framing	1
IPD 5720	Design Thinking	1
LAW 5070	Introduction to Intellectual Property	3
LAW 6770	Patent Law	1-4
LAWM 5280	ML: General Business Law	3
LGST 1000	Ethics and Social Responsibility	1
LGST 1008	Ethics and Social Responsibility	1
LGST 2220	Internet Law, Privacy, and Cybersecurity	1
MEAM 4110	How to Make Things: Production Prototyping Studio	1
MEAM 4150	Product Design	1
MEAM 5140	Design for Manufacturability	1
MGMT 2380	Organizational Behavior	1
MGMT 2640	Venture Capital and Entrepreneurial Management	1
MGMT 2670	Entrepreneurship and Technological Innovation	0.5
MKTG 2270	Analytics and AI in Digital Marketing and Social Media	0.5
MTR 6200	Medical Entrepreneurship: Commercializing Translational Science	1
NETS 1120	Networked Life	1
NURS 3570	Case Study: Innovation in Health: Foundations of Design Thinking & Equity-centered Design	1
NURS 3670	Case Study: Principles of Palliative Care	1
NURS 5530	Innovation & Applied Technology in Health Care	0.5
NURS 5730	Innovation in Health: Foundations of Design Thinking	1
OIDD 2220	Internet Law, Privacy, and Cybersecurity	1
OIDD 2360	Scaling Operations in Technology Ventures: Linking Strategy and Execution	1
OIDD 3140	Enabling Technologies	0.5-1
OIDD 4110	How to Make Things: Production Prototyping Studio	1
OIDD 4150	Product Design	1
OIDD 5150	Product Design	1
OIDD 6590	Advanced Topics: Supply Chain Analytics	0.5,1
PHIL 1342	Bioethics	1
REG 6120	Introduction to Drug Development	1
SOCI 2971	Bioethics	1
VIPR 1200	Vagelos Integrated Program in Energy Research (VIPER) Seminar, Part I	0.5
VIPR 1210	Vagelos Integrated Program in Energy Research (VIPER) Seminar, Part II	0.5