

Segal Design Certificate – Approved Electives

Dept	Course	Title
ANTHRO	389	Ethnographic methods & analysis
BMD ENG	380	Medical devices, disease & global health
BUS INST	302	Marketing management
CHEM ENG	345	Process optimization for energy & sustainability
CHEM ENG	367	Quantitative methods in life cycle analysis
CIV ENG	326	Engineering forensics
CIV ENV	327	Finite element methods in mechanics
CIV ENV	368	Sustainability: the city
CIV ENV	385-1	Architectural engineering and design
COG SCI	245	Presenting ideas & data
COMM ST	351	Technology & human interaction
COMM ST	366	Organizational behavior and innovation
COMM ST	392	Global culture & communication
COMP ENG	347-2	Microprocessor Systems Project II
COMP SCI	301	Introduction to robotics laboratory
COMP SCI	315	Design, technology, and research
COMP SCI	330	Human-computer interaction
COMP SCI	370	Computer game design
COMP SCI	377	Game Design Studio
COMP SCI	393	Software Construction
COMP SCI	394	Agile software development
DSGN	Any undergraduate DSGN course can be used. Two half-unit courses are needed to create a full elective unit. To count as a 300 level unit, they must both be 300 level courses, otherwise they count as a 200 level unit.	
ECON	329	Experimental economics
ECON	330	Behavioral economic
ECON	349	Industrial economics

Dept	Course	Title
ELEC ENG	326	Electronic system design I
ENTREP	340	Innovate for impact
ENTREP	360	Leadership, ethics, and you
ENG	205	Intermediate composition
ENG	305	Advanced composition
IEMS	307	Quality improvement by experimental design
IEMS	325	Engineering entrepreneurship
IEMS	342	Organizational behavior
IEMS	343	Project management for engineers
IMC	301	Consumer insight
JOUR	201-2	Multimedia storytelling
LOC	309	Team dynamics
LRN SCI	214	Culture and Cognition
LRN SCI	313	Tangible interaction design and learning
MAT SCI	318	Materials selection
MECH ENG	333	Mechatronics
MECH ENG	340-2	Computer integrated manufacturing II
MECH ENG	341	Computational methods for engineering design
POLISCI	348	Globalization
POLISCI	349	International environmental politics
PSYCH	228	Cognitive psychology
PSYCH	387	Consumer psychology & market research
RTVF	358	Topics in improv
SESP	303	Designing for social change
SESP	372	Methods of observing human behavior
SOCIOL	202	Social problems
SOCIOL	212	Environment & society
SOC POL	312	Social policymaking and implementation