



### APPROVED CORE DISCIPLINE ELECTIVES

- All students must complete 6 credits of discipline electives.
- The list of electives below has been approved by the da Vinci Center to apply towards the Certificate in Product Innovation. Other major electives may be available. Students should consult with the Program Director of Product Innovation for approval of all Core Discipline Electives.
- Students should complete electives from the school / college which houses their major. Students outside the listed majors should consult with the Program Director of Product Innovation to determine their applicable Core Discipline Electives.

#### SCHOOL OF THE ARTS

COAR 311 – Type & Image  
COAR 321 – Sequential Imaging  
COAR 332 – Digital Drawing  
COAR 433 – Game Design, Theory & Practice  
COAR 450 – Business of Communication Arts  
CRAF 320 – Furniture Design  
CRAF 351 – Intermediate Glass Fabrication: Hot  
CRAF 362 – Intermediate Textiles – Pattern Weaving  
FASH 341 – Merchandise Planning & Control  
FASH 343 – Fashion Forecasting  
FASH 401/402 – Design II: MOB  
FASH 493 – Fashion Internship  
GDES 308 – Web Page Design  
GDES 343 – Systems in Design  
GDES 347 – Interaction I  
GDES 356 – Studio Management  
GDES 418 – Design Center / MOB  
GDES 492 – Design Internship  
IDES 301 – Interior Design Studio I  
IDES 312 – Advanced Interior Graphics II  
IDES 324 – Furniture Design  
IDES 431 – ID Business Practices  
IDES 491 – Topics: MOB  
KINE 308 – Web Technologies for Media Artists  
PAPR 321 – Intermediate Drawing  
PAPR 421 – Advanced Drawing  
SCPT 322 – Flexible Molds

#### SCHOOL OF BUSINESS

ECON 305 – Public Finance – State & Local  
MGMT 319 – Organizational Behavior  
MGMT 321 – Survey of Entrepreneurship  
MKTG 310 – Information for Marketing Decisions  
MKTG 330 – Integrated Marketing Communications  
MKTG 430 – Experimental Marketing  
MKTG 450 – Product Development & Management  
SCMA 323 – Legal Environment of Business  
SCMA 350 – Introduction to Project Management

#### SCHOOL OF ENGINEERING

##### Biomedical Engineering

EGRB 401 & 402 – Senior Design Studios I & 2 (6 cr total)

##### Chemical & Life Science

CLSE 402 & 403 – Senior Design Studios I & 2 (4 cr total) +

ENGR 402 & 403 – Senior Design Studios 1 & 2 (2 cr total)

##### Computer Science

CMSC 451 & 452 – Senior Project courses (6 cr total)

##### Computer Engineering

EGRE 426 – Computer Organization & Design (3 cr)

EGRE 427 – Advanced Digital Design (4 cr)

##### Electrical Engineering

EGRE 402 & 403 – Senior Design Studios 1 & 2 (4 cr total) +

ENGR 402 & 403 – Senior Design Studios 1 & 2 (2 cr total)

##### Mechanical & Nuclear Engineering

EGMN 402 & 403 – Senior Design Studios 1 & 2 (4 cr total) +

ENGR 402 & 403 – Senior Design Studios 1 & 2 (2 cr total)

#### COLLEGE OF HUMANITIES & SCIENCES

BIOL 391 – Topics in Biology (not all topics accepted)

BIOL 496 – Biology Preceptorship

CHEM 310 – Medicinal Chemistry & Drug Design

ENGL 310 – Business & Technical Report Writing

ENGL 388 – Writing in the Workplace

INTL 320 – International Marketing

INTL 327 – Introduction to Intercultural Communication

INTL 418 – International Management

INTL 446 – International Human Resource Management

MASC 300 – Technical Prowess

MASC 301 – Graphics for Journalism

MASC 334 – Public Relations Graphics

MASC 367 – Audio & Video Journalism

MASC 415 – Advanced Video Journalism

MASC 425 – Public Relations Research

MASC 485 – Web Site Design

PHYS 307 – Physics of Sound & Music

POLI 331 – Public Administration

POLI 374 – Financial Management for Nonprofits

PSYC 308 – Stress and its Management

PSYC 310 – Industrial Psychology

PSYC 317 – Experimental Methods