

**SCHOOL OF DESIGN Advising Contract for BSID: Bachelor of Science in Industrial Design
Concentration in Product Design & Development (59 units)**

FOUNDATION REQUIREMENTS 6 units (Required)

Substitutions

- DES 200 VISUAL DESIGN LITERACY (3)
(Select one of the following)
- DES 221 INTRODUCTION TO 3-D DESIGN (3) **or**
- DES 222 INTRODUCTION TO 2-D DESIGN (3)

CORE COURSES 13 units (Required)

- DES 356 HISTORY OF DESIGN AND TECHNOLOGY (3) This course may not be substituted
- DES 370 INTRODUCTION TO DESIGN (1) This course may not be substituted
- DES 322 COMPUTER GRAPHIC IMAGING (3)
- DES 300 DESIGN PROCESS (3) This course may not be substituted
- DES 324 RESEARCH AND WRITING FOR DESIGN (3) This course may not be substituted

MAJOR REQUIREMENTS 28 units

- DES 305 LAB SAFETY BASICS (1) **take as soon as possible**
- DES 310 PRODUCT DESIGN 1 (3) This course may not be substituted
- DES 320 DRAFTING AND SKETCHING FOR DESIGN (3)
- DES 321 TECHNICAL DRAWING 1: INTRODUCTION TO CAD (3)
- DES 340 DESIGN AND MATERIALS (3)
- DES 360 MODEL DEVELOPMENT LABORATORY (3)
- DES 410 PRODUCT DESIGN 2 (3) This course may not be substituted
- DES 420 RAPID VISUALIZATION (3)
- DES 421 TECHNICAL DRAWING 2: 3-D SOLID MODELING (3)
- DES 460 RAPID PROTOTYPING AND MANUFACTURING SYSTEMS (3)

MAJOR ELECTIVES 6 units

(Select at least 2 of the following. At least 3 units must be non-DES 576/685/699 coursework)

- DES 210 OUR MANUFACTURED WORLD (3)
- DES 256 DESIGN AND SOCIETY(3)
- DES 332 ELECTRICITY AND ELECTRONICS (3)
- DES 475 TOPICS IN DESIGN (3)
- DES 448 UX DESIGN (3)
- DES 510 PRODUCT DESIGN 3 (3)
- DES 521 TECHNICAL DRAWING 3: ADVANCED MODELING AND RENDERING (3)
- DES 560 PROTOTYPING SMART DEVICES (3)
- DES 576 PRACT EXPR: INTERNSHIP (3)
- DES 685 PROJECTS IN THE TEACHING OF DESIGN (3)
- DES 699 INDEPENDENT STUDY IN DESIGN (3)
- OTHER ELECTIVE BY ADVISEMENT (See page 2)

CULMINATING REQUIREMENT (6 units) (these classes cannot be substituted)

- DES 505 SENIOR DESIGN PROJECT (3) This course may not be substituted
- DES 570 PROFESSIONAL PRACTICES FOR DESIGN (3) This course may not be substituted

Total for Major = 59 UNITS

Name: _____

Email : _____

Phone #: _____

Address: _____

City, State, Zip: _____

Student ID #: _____

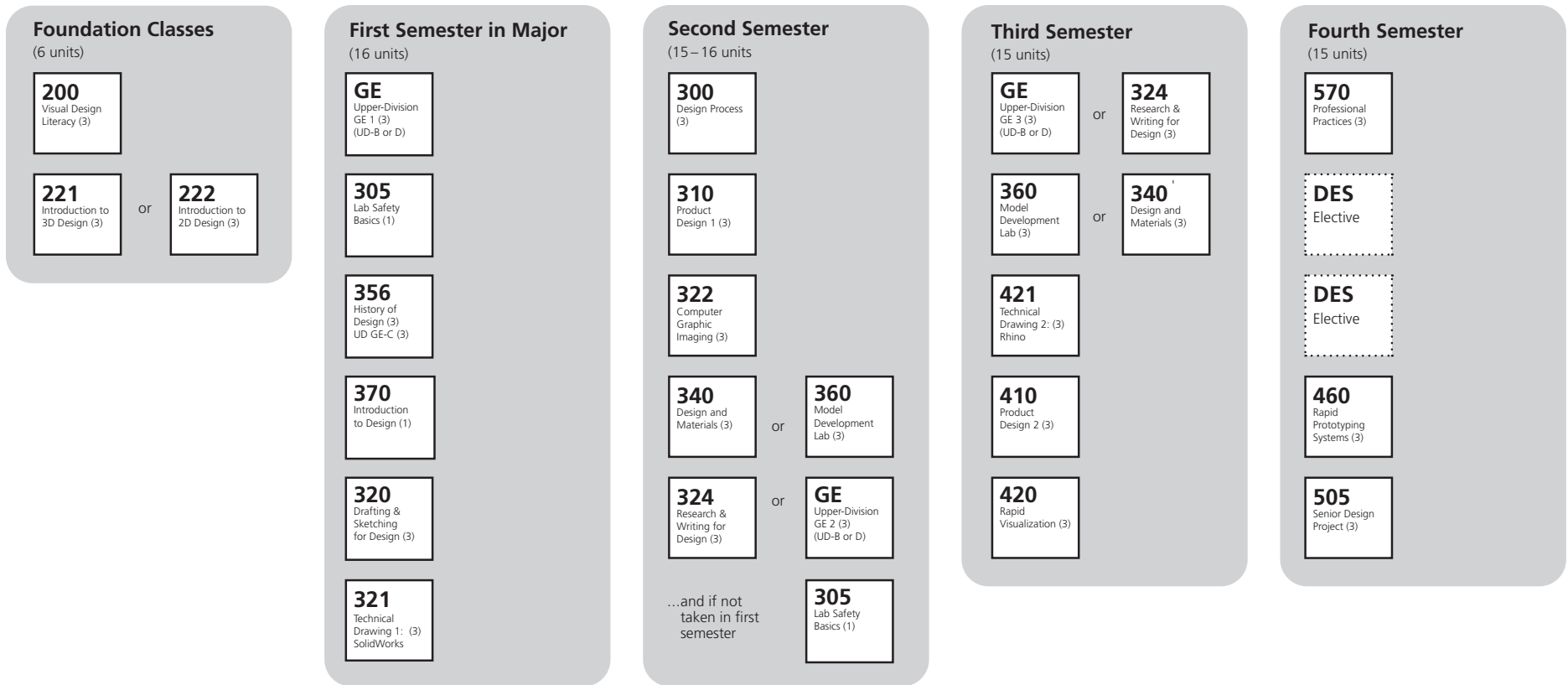
- Any class changes or substitutions must be discussed with and approved by your DES advisor. This document is the only record of your officially approved course substitutions and approved non-SFSU electives, so it's important that you keep it up to date.
- Any roadmap changes must be finalized before the semester you plan to graduate.
- Your advisor will submit requests for any substitutions to reflect on your DPR.
- If completed major courses do not appear on your Degree Progress Report (DPR) under the B.S. in Industrial Design section, meet with an advisor.
- You and your advisor will sign. After signing, email a copy to design@sfsu.edu and keep a digital copy for meetings with your advisor and to prove to other course instructors any non-SFSU prerequisites that have been approved by your DES advisor.

Signature of Student / Date

Signature of Advisor / Date

BACHELOR OF SCIENCE IN INDUSTRIAL DESIGN: Concentration in Product Design and Development (59 units)

Suggested Course Sequence (note, depending on course availability, this schedule will have to be adjusted. Work with your advisor if you need to adjust this recommended schedule. Study Abroad students will need to work with our Study Abroad coordinators to ensure their classes are reflected properly in their DPR.



Legend

- Required
- Elective

Rules

All class changes/substitutions must be approved/signed by your advisor and the department director one semester before graduation. All DES majors must complete a minimum of 24 DES units in residence. Keep a copy of your contract for your reference.

Total BSID:

59 Units
120 Units

BSID Concentration in Product Design
Total Units For Graduation from SFSU

Other Elective Options

Note: only DES courses are automatically counted as electives on your DPR. Work with your Advisor to ensure that classes taken in other departments are counted in your DPR. Classes below are suggested electives, but others are also possible. Work with your Advisor to choose your electives inside or outside of DES.

DES 325 Graphic Design I (3)
DES 327 Interactive Design 1 (3)
ID 300 Designers of the 20th/21st Centuries (3)
ID 343 Housing for People with Special Needs (3)
FCS 543 Sustainability in the Textile, Housing, & Food Inds. (GE) (3)
ART 240 Introduction to Contemporary Sculpture (GE) (3)
ART 245 Ceramics 1 (GE) (3)
ART 619 Exhibition Design (3)
TH A 305 Design Graphics for Stage and Screen (3)
IBUS 841 Creativity for Managers: A Global Perspective (3)
MKTG 431 Introduction to Marketing
MKTG 633 Consumer Behavior (3)

MKTG 675 Brand Management (3)
MKTG 688 New Product Management Seminar (3)
MKTG 689 New Product Marketing and Launch (3)
ANTH 315 Regional Ethnography (3)
ANTH 555 Urban Anthropology (3)
MGMT 405 Intro. to Management & Organizational Behavior (3)
MGMT 650 Creativity and Innovation (3)
PSY 463 Human Factors (3)
HUM 301 Form and Culture (3)
HUM 303 History and Culture (3)
HUM 425 Thought and Image: Humanities (3)
HUM 510 Comparative Form and Culture (3)
BUS 450 Greening of Business (3)
GEOG 421 Future Environments (GE) (3)
GEOG 600 Environmental Problems & Solutions (GE) (3)
GEOG 666 Geography of Garbage: Recycle & Waste Reduction (GE) (3)
USP 514 Sustainable Development in Cities (GE) (4)