

BACHELOR OF SCIENCE IN INDUSTRIAL DESIGN

Curriculum Checklist

Total Credits = 128

DEGREE REQUIRMENTS

Required Courses

General Education – 41 credits

Quantitative requirement – 3 credits

Scientific Literacy requirement – 3 credits

Major Requirements – 81 credits

MAJOR REQUIREMENTS

Foundation Courses – 18 credits

- ART 102. Two-Dimensional Design
- ART 104. Drawing I
- ART 106. Drawing II
- ART 108. Three-Dimensional Design
- GARTH 205. Survey of World Art I Prehistoric to Renaissance
- GARTH 206. Survey of World Art II Renaissance to Modern

Art Electives - 6 credits (Choose two)

- ART 220. Introductory Ceramics Potter's Wheel or
- ART 222. Introductory Ceramics Handbuilding
- ART 230. Weaving and Other Fiber Arts
- ART 240. Metal and Jewelry
- ART 260. Introductory Photograph Black and White
- ART 270, ART 272 or ART 274. Printmaking
- ART 280. Sculpture
- ART 305. Seminar in Aesthetics
- ART 350. Figure Drawing
- GRPH 206. Introduction to Typography

Design and Art Electives – 6 credits

Complete six credits in IARC courses or six credits of studio art electives (300-400 level) in a single studio area.

- ART 320. Intermediate Ceramics: Molds and Casting
- ART 322. Intermediate Ceramics: Surface Development
- ART 330. Intermediate Weaving and Other Fiber Arts
- ART 430. Advanced Fiber Arts
- ART 340. Intermediate Metal and Jewelry
- ART 440. Advanced Metal and Jewelry
- ART 360. Intermediate Photography: Experimental Black and White

- ART 362. Intermediate Photograph: Digital
- ART 364. Intermediate Photography: Large Format
- ART 470. Advanced Printmaking
- ART 380. Intermediate Sculpture
- ART 480. Advanced Sculpture
- IARC 200. Interior Architecture Studio I
- IARC 202. Interior Architecture Studio II
- IARC 392. Topics in Interior Architecture
- IARC 390. Independent Study in Interior Architecture
- IARC 490. Independent Study in Interior Architecture
- IARC 470. Contemporary Design Theory
- INDU 390. Independent Study in Industrial Design
- INDU 490. Independent Study in Industrial Design
- INDU 492. Topics in Industrial Design
- INDU 496. Internship in Industrial Design

Art History Electives – 6 credits

- ARTH 303. History of Design (required)

Choose one of the following:

- ARTH 370. History of Interior Architecture
- ARTH 476. Modern Architecture
- HIST 327. History of Technology in America

Industrial Design Major Requirements – 45 credits

- INDU 200* – Introduction to Design – 6 credits
*cross-listed with IARC 200
- INDU 202 – Industrial Design Studio – 6 credits

□ INDU 208 – Portfolio Review

Note: Any art major may take INDU 200 and INDU 202, but is restricted from taking any 300-400 level industrial design course until INDU 208 has been taken and passed.

Accepted students who receive a passing grade for INDU 208 will be able to register for INDU upper division courses for the following semester. Students not accepted will have one opportunity to reapply the following spring semester or may choose to continue in another major within the School of Art, Design and Art History.

Required Concentration Courses – 24 credits (Choose four – courses may be repeated with instructor permission)

- INDU 300. Product Design – 6 credits (new course)
- INDU 302. Transportation – 6 credits (new course)
- INDU 400. Systems & Services – 6 credits (new course)
- INDU 402. Social Innovation & Social Entrepreneurship – 6 credits (new course)
- INDU 404. INDU Advanced Special Topics Studio – 6 credits (new course)
- INDU 406. INDU Senior Thesis Studio (Instructor Permission Required) – 6 credits (new course)
- GRPH 200. Computer Graphics – 3 credits
- INDU/IARC 220. CAD 3D Modeling – 3 credits
- INDU 380. Materials & Processes – 3 credits (new course)

Social Science Elective – 3 credits (Choose one)

- GANTH 195. Intro to Cultural Anthropology
- GANTH 205. Buried Cities, Lost Tribes The Rise and Fall of Early Human Societies
- ANTH 323. Visual Anthropology
- SOCI 260. Sociology of Culture
- SOCI 311. Sociology of Environment
- SOCI 315. Science, Technology and Society
- SOCI 337. Sociology of Gender

Engineering or ISAT Elective – 3 credits (Choose one or equivalent credits)

- ENGR 231. Engineering Design I – 2 credits & ENGR 232 Engineering Design II – 2 credits
- ENGR 280. Projects in Engineering – 1 - 4 credits
- ENGR 498. Special Topics in Engineering – 1- 4 credits
- GISAT 151. Analytical Methods (May double-count toward General Education Cluster Three)
- ISAT 231. Political Economy of Technology & Science
- ISAT 211. Modern Production Issues in Science and Technology (GISAT 151 is a pre-requisite)
- ISAT 330. Manufacturing Systems: Technology & Techniques (ISAT 152 is a pre-requisite)

College of Business Elective – 3 credits (Choose one)

- COB 191. Business and Economic Statistics
- COB 218. Legal Environment of Business
- MKTG 380. Principles of Marketing
- MGT 472. Venture Creation

Suggested Sequence of Courses:

First Year

ART 102. Two Dimensional Design	3
ART 104. Drawing I	3
ART 106. Three-Dimensional Design	3
ART 106. Drawing II	3
Choose one of the following:	3
GARTH 205: Survey of World Art I: Prehistoric to Renaissance	
GARTH 206: Survey of World Art II: Renaissance to Modern	
Cluster One: Skills for the 21 st Century	9
General Education course	9

Second Year

General education courses	9
Quantitative requirement (in addition to General Education)	3
Choose one of the following:	3
GARTH 205: Survey of World Art I: Prehistoric to Renaissance	
GARTH 206: Survey of World Art II: Renaissance to Modern	
Art electives	6
INDU 200	6
INDU 202	6
INDU 208	0

Third Year

General education courses	9
Art history elective (300-400 level)	3
Art and Design electives	3
Scientific Literacy requirement (in addition to General Education)	3
INDU electives (300-400 level)	12

Fourth Year	
General education courses	5
Art history elective (300-400 level)	3
Art and Design electives	3
INDU electives (300-400 level)	12
Social Science elective	3
Engineering or ISAT Electives	3
College of Business Elective	3