

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY
 College of Architecture and Urban Studies
 School of Architecture and Design
 BACHELOR OF SCIENCE IN INDUSTRIAL DESIGN
 For Students Graduating in Calendar Year 2011

APPROVED
 UNIVERSITY REGISTRAR

Student Name _____

Student Number _____

FIRST YEAR

Foundation Design Lab*
 ARCH 1015, 1016 [see note 1] [University ViEWS requirement - see note 6]

(6) _____

(6) _____

Area I: Writing and Discourse
 ENGL 1105, 1106: Freshman English

(3) _____

(3) _____

Area V: Quantitative and Symbolic Reasoning
 MATH 1535, 1536: Geometry and Mathematics of Design

(3) _____

(3) _____

Area IV: Scientific Reasoning and Discovery
 Science: Biology, Chemistry, Physics, Geology

(3) _____

(3) _____

Credit Hours for Each Semester

(15)

(15)

CREDIT FOR THE YEAR

(30)

SECOND YEAR

Industrial Design Laboratory II*
 IDS 2015-2016 [University ViEWS requirement - see note 6]

(6) _____

(6) _____

Design Visualization*
 IDS 2065-2066

(2) _____

(1) _____

Human Factors*
 IDS 2044

(3) _____

Computer Aided Industrial Design*
 IDS 2304

(3) _____

Area III: Society and Human Behavior

(3) _____

(3) _____

History/Theory Industrial Design* [University ViEWS requirement - see note 6]
 IDS 2114

(3) _____

Hist/Theory of ID-Designers* [University ViEWS requirement - see note 6]
 IDS 2124

(3) _____

Credit Hours for Each Semester

(17)

(16)

CREDIT FOR THE YEAR

(33)

THIRD YEAR

Industrial Design Laboratory III*
 IDS 3015-3016 [University ViEWS requirement - see note 6]

(7) _____

(7) _____

Materials and Processes*
 IDS 2034

(3) _____

Design Research*
 IDS 3514

(3) _____

Area II: Ideas, Cultural Traditions and Values
 ARCH 3115, 3116 History of Architecture - [see note 2]
 [University ViEWS requirement - see note 6]

(3) _____

(3) _____

Additional Elective courses in Area II, III, or IV

(3) _____

Area VII: Critical Issues in a Global Context

(3) _____

Credit Hours for Each Semester

(16)

(16)

CREDIT FOR THE YEAR

(32)

* courses in major

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FOURTH YEAR	FALL	SPRING
Art or Design History - [see note 8]	(3) _____	
Industrial Design Laboratory IV* IDS 4015-4016 [University ViEWS requirement - see note 6]	(6) _____	(6) _____
Professional Practice & Entrepreneurship* IDS 4044		(3) _____
Professional Elective - [see note 3]	(3) _____	(3) _____
Design Related Media* ARCH 3514	(3) _____	
Free Elective		(3) _____
Credit Hours for Each Semester	(15)	(15)
CREDIT FOR THE YEAR		(30)
* courses in major		

TOTAL CREDIT HOURS FOR FOUR YEARS: Required for BACHELOR OF SCIENCE - INDUSTRIAL DESIGN	(125)
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Notes:

1. The requirement for Curriculum for Liberal Education Area VI: Creativity and Aesthetic Experience is satisfied through Foundation Design Laboratory, ARCH 1015.
 2. ARCH 3115-16 fulfills the Curriculum for Liberal Education Area II [Ideas, Cultural Traditions and Values] requirement. Six additional semester hours of electives in Area II, III, or IV are required for students in the Bachelor of Science in Industrial Design.
 3. Professional elective requirements can be fulfilled from the following list of courses.
ARCH 3514, Design Related Media (3 cr); ART 2564, Intro to Photo (3cr), MSE 1004, Materials in Today's world (1cr); ART 2544, Ceramics I (3cr); ART 1504, Intro to Digital Art and Design (3cr); WOOD 4124, Paper and Paperboard Packaging (3cr); MKTG 3104, Marketing and Management (3cr)
Alternative professional elective courses may be substituted in coordination with the Director of Industrial Design
 4. Satisfactory progress toward degree: in addition to successful completion of the University requirements; students must maintain a minimum 2.0 GPA for all Industrial Design courses. (courses in major indicated by *)
- Restricted Major Requirements: Students who make application to Industrial Design through the internal transfer process must meet the following requirements prior to entering the major.
- 1) Min 2.5 GPA in all courses prior to ARCH 1015.
 - 2) Application to Summer Qualifying Design Lab; Interview for Summer Qualifying Design Lab
 - 3) Faculty Review of Summer Work and 3.5 min in Lab for admission to 2nd Yr Lab
 - 4) Faculty Review of Summer Work and < 3.5 and >2.0 min in Lab for admission to 1st Yr Lab
5. Graduation Requirement: A minimum overall 2.0 GPA is required for graduation. Students must maintain a minimum 2.0 GPA for all Industrial Design courses (courses in major indicated by *)
 6. This course incorporates the university ViEWS [Visual Expression, Writing and Speaking] requirements. Consult the Virginia Tech Curriculum for Liberal Education Guide: <http://www.cle.prov.vt.edu/> for the University Policy on ViEWS. A copy of the specific School proposal is available in the School's administrative offices. The ViEWS communication requirement is met through an array of Theory and History courses, Technology courses, Practicum courses, and Studio courses.
 7. Prerequisites are listed in each course description. There are no hidden course prerequisites.
 8. ART 2385, 2386: Survey of the History of Western Art.

Foreign Language Requirement: students who did not complete 2 units of a foreign language in high school must earn 6 credits of a college foreign language, such credits to be in addition to those normally required for graduation.