

Bachelor of Science (BS)
Degree Code 576*
Concentration Code 576B
Non-Teaching

Program of Study for
Technology & Environmental Design Majors
Industrial Design / Furniture Design Concen

I. GENERAL EDUCATION **44**
 (Math 1030 fulfills the Quantitative Literacy requirement. ART 2130 and IND 2012 for the major and ECO 2030 for the minor may count toward General Education if completing a theme).

II. MAJOR REQUIREMENTS **74**
A minimum grade of “C” (2.0) is required in each Technology Department course. 18 sh must be completed at Appalachian.

***Note: Students must declare IND major before registering for 3000 level courses. Students must pass a portfolio review in the sophomore year to advance to upper level Product Design courses. Students lacking proficiency in word processing, spreadsheets, internet, and email must take an introductory computer course.**

Junior Writing in the Discipline (WID) _____ & Senior Capstone Experience (CAP) _____ must be met.

Introductory Courses (28 sh)

- ART 2130 _____ (3) Art from 1400 to the Present (GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: “Traditions and Innovations”); Local to Global Perspective (Theme: “Empire Colonialism, and Globalization”))
- IND 1010 _____ (3) CADD I: Imaging
- IND 2012 _____ (3) Product Design (Gen Ed: Aesthetic Perspective (Theme: “Shaping the Human Environment))
- IND 2201 _____ (3) Design Drawing I
- IND 2401 _____ (3) History of Furniture Design
- INT 1001 _____ (3) Visual Literacy I
- INT 1002 _____ (3) Visual Literacy II (Prerequisite: INT 1001)
- INT 2310 _____ (3) History of Interior Design and Architecture II (Prerequisite: Completion of the Freshman Portfolio Review or permission of the instructor)
- MAT 1030 _____ (4) Calculus with Business Applications (Gen. Ed: Quantitative Literacy)

Materials & Processes (9 sh)

- IND 2120 _____ (3) Materials and Processes I
- IND 2311 _____ (3) Human Factors in Design
- IND 3120 _____ (3) Materials and Processes II (Prerequisites: IND 2120 and IND 2901)

Furniture Design Courses (37 sh)

- IND 2411 _____ (3) Introduction to Design Studio (Prerequisites: INT 1001, INT 1002, and IND 2201)
- IND 2421 _____ (3) Preliminary Design Studio (Prerequisites: INT 1001, INT 1002, and IND 2201)
- IND 2901 _____ (3) CADD II: Free Modeling (Prerequisite: IND 1010 or permission of the instructor)
- IND 3100 _____ (3) Furniture Styling and Detailing (Prerequisites: GRA 3102, IND 1001, IND 2201, and IND 2401)
- IND 3200 _____ (3) Furniture Construction and Upholstery (Prerequisite: IND 3100)
- IND 3701 _____ (4) Product Design Studio I (WID) (Prerequisites: ENG 2001 or its equivalent, IND 1010, IND 2120, IND 2411 or IND 2421, and declared major in Industrial Design)**
- IND 3901 _____ (3) CADD III: Parametric Modeling (Prerequisites: IND 1010 and IND 2901 or permission of the instructor)
- IND 4100 _____ (4) Furniture Design Studio I (Prerequisites: GRA 3012, IND 2120, IND 2201, IND 3120, IND 3200, and a declared major in Industrial Design)
- IND 4110 _____ (4) Furniture Design Studio II (Prerequisite: IND 4100)
- IND 4800 _____ (0) Industrial Design Senior Field Study
- IND 4811 _____ (3) Professional Practice in Industrial Design (Co-requisite: IND 4701)
- IND 4900 _____ (4) Internship (CAP)**

III. MINOR REQUIRED IN MARKETING **18**
 9 sh of the minor must be completed at Appalachian State University. (ECO 2030 may count toward General Education if completing a theme)

IV. FREE ELECTIVES (taken to total 125 for the degree) **2**
 2 sh free electives outside the major discipline are required **125**

Major Requirements that may count toward Gen Education:			
Math 1030 (4)	Quantitative Literacy		
ART 2130 (3)	Perspectives (depends on choices)		
ECO 2030 (3)	Historical & Social Perspective		
IND 2012 (3)	Aesthetic Perspective		
Total Major Hrs:	74	Total Minor Hrs:	18
Gen Ed:	- 10	Gen Ed:	- 3
Net Major Hrs:	64	Total Minor Hrs:	15