

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

**Program of Study for**  
**Department of Applied Design**  
**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 Liberal Studies Experience).

**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 IND 2000 Sophomore Portfolio Review in the sophomore year to advance to upper level Product Design courses.**

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

**Introductory Courses (29 sh)**

- ART 2130 \_\_\_\_ (3) Art from 1400 to the Present (GEN ED: Liberal Studies Experience; Fine Arts Designation)
- IND 1010 \_\_\_\_ (3) CADD I: Imaging
- IND 2012 \_\_\_\_ (3) Product Design (Gen Ed: Liberal Studies Experience; Fine Arts Designation)
- IND 2201 \_\_\_\_ (3) Design Drawing I
- IND 2222 \_\_\_\_ (1) Laboratory Management, (Prerequisite: IND 2120)
- 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 (Prerequisite: IND 2000)

**Furniture Design Courses (36 sh)**

- IND 2000 \_\_\_\_ (0) Sophomore Portfolio Review (IND 1010, IND 2120, IND 2411 or IND 2421, and declared major in Industrial Design; ENG 2001 or it’s equivalent)
- 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: 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: RC 2001 or its equivalent, IND 2000)
- IND 3901 \_\_\_\_ (3) CADD III: Parametric Modeling (Prerequisites: IND 2000)
- IND 4100 \_\_\_\_ (4) Furniture Design Studio I (Prerequisites: GRA 3102, 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 4811 \_\_\_\_ (3) Professional Practice in Industrial Design (Co-requisite: IND 4100 or IND 4701)
- IND 4900** \_\_\_\_ (3) 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: LSE)

**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:			
MAT1030 (4)	Quantitative Literacy		
ART 2130 (3)	Liberal Studies Experience; Fine Arts Designation		
ECO 2030 (3)	Liberal Studies Experience; Social Science Designation		
IND 2012 (3)	Liberal Studies Experience; Fine Arts Designation		
Total Major Hrs:	74	Total Minor Hrs:	18
Gen Ed:	- 10	Gen Ed:	- 3
Net Major Hrs:	64	Total Minor Hrs:	15