I. **GENERAL EDUCATION** ........................................................................................................................................ 44
   (PHY 1103 & 1104 for the major fulfills Science Perspective. MAT 1025 fulfills Quantitative Literacy. TEC 2029 may count toward Gen Ed if completing a theme).

II. **MAJOR REQUIREMENTS** .................................................................................................................................... 88
   (An overall 2.0 GPA is required in the major. 18 semester hours must be completed at Appalachian. Laptop computers are required). 
   Junior Writing in the Discipline (WID) _____ & Senior Capstone Experience (CAP) _____ must be met.

**Foundation Coursework (15 sh) Minimum grade of “C” in each course required**

- **MAT 1025** (4) Algebra & Elementary Functions (or higher) (Prerequisite: pass math placement or MAT 0010)
- **TEC 2029** (3) Society & Technology (Gen Ed: Local to Global Perspective)
- **PHY 1103** (4) General Physics I (Corequisite: MAT 1025 or equivalent) (Gen Ed: Science Perspective)
- **PHY 1104** (4) General Physics II (Prerequisite: PHY 1103 or equivalent) (Gen Ed: Science Perspective)

**Introductory Coursework (27 sh) Minimum grade of “C” in each course required**

- **TEC 1728** (3) Architectural Graphics & Computer Modeling (Pre/Corequisite: TEC 2708)
- **TEC 2708** (3) Construction Technology & Building Codes

**Upon completion of TEC 1728 and TEC 2708, students will take the Building Science Competency Exam (a minimum grade of 70 in each part is required before taking Advanced Coursework).**

- **TEC 2718** (3) Building Mechanical Systems
- **TEC 2758** (3) Surveying, Soils and Foundations (Prerequisite: MAT 1025)
- **TEC 3038** (3) Commercial Construction Technology (WID) (Prerequisite: MAT 1025, TEC 2708 and TEC 2758)
- **TEC 3039** (3) Materials Science (Prerequisites: PHY 1104 and TEC 2708)
- **INT 1001** (3) Visual Literacy I
- **INT 1002** (3) Visual Literacy II
- **INT 2310** (3) History of Interior Design & Architecture II (Prerequisite: completion of Portfolio Review or permission of instructor)

**Advanced Coursework (35 sh) Minimum grade of “C” in each course required**

- **INT 3001** (1) Architecture and Design Internship Workshop (Prerequisite: completion of Freshman Portfolio Review or permission of the instructor)
- **INT 4320** (2) Professional Practices in Design (Corequisite: INT 4110 or permission of the instructor)
- **TEC 3718** (3) Construction Estimating (Prerequisite: MAT 1025, 3038, knowledge of word processing & spreadsheets)
- **TEC 3728** (3) Residential Architecture (Prerequisites: TEC 1728, 2708 or permission of the instructor)
- **TEC 3738** (3) Statics & Strength of Structures (Prerequisite: MAT 1025, PHY 1104, TEC 1728, 2708, 2758, 3039)
- **TEC 3748** (3) Building Science (Prerequisite: TEC 2708, 2718, MAT 1020 or higher, or permission of the instructor)
- **TEC 4728** (3) Commercial Building Design (Prerequisite: TEC 3728)
- **TEC 4738** (4) Senior Architectural Design Studio I (Prerequisites: TEC 3748, 4728)
- **TEC 4748** (4) Senior Architectural Design Studio II (Prerequisites: TEC 3038, 3718, 3738, 4738)
- **TEC 4758** (3) Planning and Scheduling (Prerequisite: MAT 1025 or higher, TEC 2708, 2718, 3038, 3718)
- **OR**
- **TEC 4768** (3) Construction Administration (Prerequisite: MAT 1025 or higher, TEC 2708, 2718, 3038, 3718 Co/Prerequisite TEC 4758)
- **TEC 4900** (6) Internship (CAP)

**Major Electives (8 sh from the following)**

- **IND 2012** (3) Product Design
- **IND 2120** (3) Materials and Processes I
- **IND 2201** (3) Design Drawing I
- **INT 2300** (3) History of Interior Design & Architecture I (Prerequisite: completion of Portfolio Review or permission of instructor)
- **PLN 2410** (3) Town, City and Regional Planning
- **PLN 3432** (4) Planning Techniques
- **PLN 3730** (3) Land Use Regulations
- **TEC 4618** (3) Sustainable Building Design & Construction (Prerequisite: TEC 2718)

**Interdisciplinary Course (3 sh)**

- **COM 2101** (3) Public Speaking (“C” minimum required)

**Interdisciplinary Course (3 sh)**

**III. MINOR NOT REQUIRED**

IV. **FREE ELECTIVES** (to total 122 sh for this major) ........................................................................................................ 2 - 5
   2 sh of free electives outside the major discipline are required