Bachelor of Science (BS)
Non-Teaching
Degree Code 577*
Concentration Code 577C

I. CORE CURRICULUM .......................................................................................................................... 44
MAT 1020________(4) or Higher (Required)
TEC 2029________(3) (CD/MC/W) Society & Technology (Required)
ECO 2030________(3) Principles of Eco-Price-Theory (required only if Business Minor is chosen)
SNH 1040 is suggested as a humanities course for students who plan to take SNH 1010 and 1020 for the major.

II. MAJOR REQUIREMENTS .................................................................................................................... 59
An overall 2.0 GPA is required in the major/18 sh must be completed at Appalachian
(Note: Students with no experience with the internet, e-mail, www, word processing and/or spreadsheets, must take an introductory computer course.)
Introductory Coursework (16 sh)
IND 1001________(4) (C) Technical Drafting
TEC 2708________(3) Construction Technology and Building Codes
TEC 2718________(3) Building Mechanical Systems
TEC 2738________(3) Commercial Construction Technology
TEC 3039________(3) Materials

Advanced Coursework (22 sh)
TEC 3718________(3) (C/ND) Construction Estimating
TEC 3728________(3) Residential Architecture
TEC 3738________(3) Statics and Strengths of Structures
TEC 4103________(3) Leadership in Technical Settings
TEC 4667________(1) Housing & Home Furnishings Seminar
TEC 4708________(3) (CD/ND/W) Building Science
TEC 4718________(3) (C/ND) Construction Management
TEC 4728________(3) (C) Commercial Building Design (was 4721)

Major Electives (18 sh)
Choose one or both (3-7 sh)
TEC 2004________(3) Introduction to Metals
TEC 2005________(4) Wood Technology

AND
Choose 11-15 sh from Electives:
IND 2201________(3) Design Drawing I
IND 3801________(3) (C) CADD I: 3D & Solid Modeling
TEC 3025________(4) Advanced Wood Technology
TEC 3807________(1) Safety
TEC 4608________(3) Photovoltaic System Design & Construction
TEC 4618________(3) Sustainable Building Design & Construction (RECOMMENDED)
TEC 4628________(3) Solar Thermal Energy Technology (RECOMMENDED)
TEC 4900________(3-6) (W) Internship (HIGHLY RECOMMENDED)
*PLN 2410________(3) (CD) Town, City and Regional Planning
*PLN 3431________(5) (C/ND/S/W) Planning Techniques
*PLN 3730________(3) Land Use Regulations

*Cannot be used by students pursuing a Community and Regional Planning Minor
SNH 1010________(3) Beginning Spanish I (RECOMMENDED)
SNH 1020________(3) Beginning Spanish II (RECOMMENDED)
OR
SNH 1030________(6) Accelerated Beginning Spanish (RECOMMENDED)

Note: It is suggested that students taking SNH 1010 and 1020 or SNH 1030 should take SNH 1040 as a Humanity

Interdisciplinary Course (3 sh)
COM 2101________(3) (S) Public Speaking (“C” minimum)

III. MINOR REQUIRED (outside the Technology Department) ........................................................................ 12 - 18
9 sh of a minor must be completed at Appalachian/Business minors require an overall 2.0 GPA
Recommended Minors are: Community and Regional Planning; General Business, Geography or Sustainable Development.

IV. FREE ELECTIVES .................................................................................................................................... 2 - 7
2 sh of free electives outside the major discipline are required