

Bachelor of Science (BS)
Non-Teaching
Degree Code

Checksheet for Technology Majors
Building Science
Construction Management Concentration

I. **CORE CURRICULUM** 44
 MAT 1020____(3) 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)

TEC 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) (R) Recommended

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:

TEC 2201____(3) Design Drawing
 TEC 3025____(4) Advanced Wood Technology
 TEC 3807____(1) Safety
 TEC 4601____(3) (C) Advanced Computer-Aided Drafting and Design
 TEC 4608____(3) Photovoltaic System Design & Construction
 TEC 4618____(3) Sustainable Building Design & Construction (R)
 TEC 4628____(3) Solar Thermal Energy Technology (R)
 TEC 4900____(3-6) (W) Internship (HIGHLY RECOMMENDED)
 *PLN 2410____(3) (CD) Introduction to 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 (R)
 SNH 1020____(3) Beginning Spanish II (R)

OR

SNH 1030____(6) Accelerated Beginning Spanish (R)

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

Major Designators	
2 Writing (W)	___ ___
1 Speaking (S)	___
*Com Prof	___
*A "C" minimum in Com 2101 satisfies the Communication Proficiency.	
Other Designators	
4 Writing (W)	___ ___ ___ ___
(English 1000/1100 will count as 2 W)	
4 Multi-cul (MC)	___ ___ ___ ___
(His 1101/1102 will count as 2 MC)	
2 Num Data (ND)	___ ___
2 Computer (C)	___ ___
1 Cross-dis (CD)	___