

I. CORE CURRICULUM 44

PHYSICS SEQUENCE REQUIRED _____ (8 sh)

MAT 1020 _____ (4) or Higher (**Required**)

TEC 2029 _____ (3) (CD/MC/W) Society & Technology (**Required**)

SNH 1040 is suggested as a humanities course for students who plan to take SNH 1010 and 1020 for the major.

II. MAJOR REQUIREMENTS 78

An overall 2.0 GPA is required in the major/18 sh must be completed at Appalachian

Introductory Coursework (22 sh)

IND 1001 _____ (4) (C) Technical Drafting

IND 2201 _____ (3) Design Drawing I

TEC 2708 _____ (3) Construction Technology and Building Codes

TEC 2718 _____ (3) Building Mechanical Systems

TEC 2738 _____ (3) Commercial Construction Technology

TEC 3039 _____ (3) Materials

INT 2300 _____ (3) History of Interior Design & Architecture I

OR

INT 2310 _____ (3) (W) History of Interior Design & Architecture II

Advanced Coursework (30 sh)

TEC 3718 _____ (3) (C/ND) Construction Estimating

TEC 3728 _____ (3) Residential Architecture

TEC 3738 _____ (3) Statics and Strengths of Structures

TEC 4667 _____ (1) Housing and 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

TEC 4738 _____ (4) Senior Architectural Design Studio I

TEC 4748 _____ (4) Senior Architectural Design Studio II

INT 3001 _____ (1) Interior Design Internship Workshop

INT 4320 _____ (2) Professional Practices in Design

Major Electives (12 sh)

Choose one or both (3-7 sh)

TEC 2004 _____ (3) Intro to Metals Technology

TEC 2005 _____ (4) Wood Technology

AND

Choose 5-9 sh of Electives from:

IND 3801 _____ (3) (C) CADD I: 3D & Solid Modeling

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 _____ (6) (W) Internship (HIGHLY RECOMMENDED)

SNH 1010 _____ (3) Beginning Spanish I (or SNH 1030) (RECOMMENDED)

SNH 1020 _____ (3) Beginning Spanish II (or SNH 1030) (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 Courses (14 sh)

COM 2101 _____ (3) (S) Public Speaking (**"C" minimum**)

PLN 2410 _____ (3) (CD) Town, City & Regional Planning

PLN 3431 _____ (5) (C/W/S/ND) Planning Techniques

PLN 3730 _____ (3) Land Use Relations

III. MINOR - NOT REQUIRED

IV. FREE ELECTIVE 2-3

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)	___

NAME _____ MAJOR Building Sciences/Architectural Tech & Design

_____ Passed _____ Completed MAT 0010

ENGLISH (6 s.h.)

- _____ English 1000 (W)
- _____ English 1100 (W) or _____ 1510 (W)

MATHEMATICS (4 s.h.)

- _____ Math 1010 (ND, C, CD) _____ Math 1030 (ND, C)
- * _____ Math 1020 (ND) _____ Math 1110 (ND)
- _____ Math 1025 (ND) _____ Math 1120 (ND)

***Math 1020 or higher required for major**

NATURAL SCIENCES (8 s.h. of a sequence)

- _____ Astronomy 1001 (ND) _____ 1002 (ND)
- _____ Biology 1101(ND) _____ 1102(ND)
- _____ Chemistry 1101 (ND), _____ 1110 _____ 1102 (ND), _____ 1120
- _____ Geology 1101 (ND) _____ 1102 (ND, CD) or
- _____ Geology 1101 (ND) _____ 1103 (ND) or
- _____ Geology 1510 (W, ND) _____ 1511 (W, ND)
- * _____ Physics 1101 (ND) _____ 1102 (ND) or
- * _____ Physics 1103 (ND) _____ 1104 (ND) or
- * _____ Physics 1150 (ND) _____ 1151 (ND)

PHYSICAL ACTIVITY/WELLNESS (2 s.h.)

- _____ DAN 1400 (2) _____ 1410 (2) _____ 1420 (2) _____ 2400 (2)
- _____ DAN 2410 (2) _____ 2420 (2) _____ 3480 (2) _____ 3580 (2)
- _____ FCS 2202 (3)
- _____ HP 1105 (2)
- _____ MSL 1101(1) _____ 1102 (1)
- _____ MUS 1100(1) (May count twice)
- _____ PE Activities 1000-1049 (1), _____ 1057 (1), _____ 1071-1080(1)
- PE majors only: PE 3008(3)

***Physics Sequence Required for Major**

General Science Sequence:

- _____ G.S. Physics 1010 (ND) or _____ G.S. Astronomy 1010 (ND) and _____ G.S. Chemistry 1020 (ND) followed by:
- _____ G.S. Geology 1030 (ND) and _____ G.S. Biology 1040 (ND)

SOCIAL SCIENCES (History - 6 s.h.)

- _____ History 1101 (MC) & _____ History 1102 (MC) or _____ History 1510 (W, MC) & _____ History 1515 (W, MC) or _____ HIS 1103**(MC)

****If received an "A" in High School World Civ/World His class may take HIS 1103 instead of 1101 & 1102. If taking 1103 must take 3 courses from other**

Social Sciences in at least 2 different areas.

OTHER SOCIAL SCIENCES (6 s.h.)

Choose TWO courses from different areas, THREE if HIS 1103 chosen above. (*Approved on a semester by semester basis)

- _____ Anthropology 1215 (MC), 1220, 2335 (MC), 2420 (MC)
- _____ Appalachian Studies 2411 (W, MC, CD)
- _____ Economics 1010, 2030
- _____ Family and Consumer Sciences 2103 (C) (FCS 2103 or SOC 1110 to fulfill requirements, but not both)
- _____ Geography 1010 or 1510, 1020 (MC) or 1515(MC), 1040 (MC); Planning 2410 (CD) or 2510
- _____ Honors 1515* (CD, W*, S*, MC*, ND*, C*), 2515* (CD, W*, S*, MC*, ND*, C*), 3515* (CD, W*, S*, MC*, ND*, C*)
- _____ Interdisciplinary Studies 1101*, 1103*; 1102*, 1104*; 2201*-2206* (W*, S*, MC*, CD*)
- Note: Priority enrollment given to Watauga Residential College students
- _____ Interdisciplinary Studies 2411 (W, MC, CD), 2421 (MC, CD)
- _____ Political Science 1000 (MC), 1100, 1200, 1201 (S), 2120 (MC), 2130, 2240 (MC)
- _____ Psychology 1200
- _____ Recreation Management 2400 (CD)
- _____ Social Work 2020
- _____ Sociology 1000, 1100, 1110, 2700, 2850 (W) (May take FCS 2103 or SOC 1110, but not both)
- _____ *TEC 2029 Technology 2029 (W, MC, CD)

***Required for Major**

HUMANITIES (12 s.h.)

Choose FOUR courses from at least three areas. One course must be a LITERATURE course and one course must be from the fine arts (ART, DANCE, MUSIC or THEATRE). Courses underlined are approved for literature. (*Approved on a semester by semester basis)

- _____ Appalachian Studies 2016 (counts as a HUM FA), 2410 (W, MC, CD)
- _____ Art 2011, 2013 (W, MC, CD), 2030 (MC), 2130 (W, MC)
- _____ Chinese 1040 (MC), 1050 (MC)
- _____ Dance 2014 (MC), 3430 (W, MC)
- _____ English 2010 (W), 2020 (W), 2030 (W, MC), 2040 (W, MC), 2100 (W), 2120 (W, MC), 2130 (W, MC), 2310 (W), 2320 (W), 2510 (W), 2515 (W)
- _____ English 2170 (counts as a separate area; does not fulfill literature)
- _____ Foreign Language 2010 (MC), 2025 (MC), 2510 (MC)
- + _____ French 1040 (MC), 1050 (MC), 1060 (MC), 3030 (W,MC), 3040 (W,MC)
- + _____ German 1040 (MC), 1050 (MC), 1060 (MC), 3015 (W, MC), 3025 (W, MC), 3050 (MC), 3055 (W, MC), 3550 (W, MC)
- _____ Honors 1515 * (CD, W*, S*, MC*, ND*, C*), 2515* (CD, W*, S*, MC*, ND*, C*), 3515* (CD, W*, S*, MC*, ND*, C*)
- _____ Interdisciplinary Studies 1101*, 1103*; 1102*, 1104*; 2201*-2206* (W*, S*, MC*, CD*)
- Note: Priority enrollment given to Watauga Residential College students
- _____ Interdisciplinary Studies 2410 (W, MC, CD), 2420 (MC, CD)
- + _____ Japanese 1040 (MC), 1050 (MC)
- + _____ Latin 1040 (MC), 1050 (MC), 3010 (MC), 3020 (MC)
- _____ Music 2011 (MC), 2013 (W, MC, CD), 2014, 2015, 2016, 2017, 2018 (MC), 2020
- Music majors only: 1611 (W, MC), 2611 (MC, CD), 2612 (W, MC, CD), 3611 (W, MC, CD)
- _____ Philosophy 1000, 1040 (W), 1100, 2000, 2013 (W, MC, CD counts as a HUM FA), 2015 (W, MC, CD), 3013 (W, CD), 3600 (W)
- _____ Religious Studies 1010 (MC), 1110 (MC), 2010 (W, MC), 2020 (W, MC), 2030 (MC), 2040 (MC), 2110 (W, MC), 2120 (W, MC), 2130 (MC), 2140 (W, MC), 2150 (W, MC)
- _____ Russian 1040 (MC), 1050 (MC)
- + _____ Spanish 1040 (MC), 1050 (MC), 1060 (MC), 3015 (W, MC), 3025 (W, MC), 3050 (W, MC), 3055 (W, MC)
- _____ Theatre 2011, 2015 (MC,CD), 2610 (W, S), 3640 (S), 3730 (W, MC,CD), 3733 (W,MC,CD), 3735 (W, MC, CD)

+Foreign Language Placement Exam Required before Enrollment

