

I. CORE CURRICULUM 44

Chemistry 1101-1110, 1102-1120; or Physics 1103, 1104 will count toward science requirement. Math 1110 will count toward the math requirement. NOTE: Some courses listed in Section I will also be used in Section III.

II. PROFESSIONAL EDUCATION REQUIREMENTS..... 24

A minimum grade of C is required in each professional education course.

CI/SPE 2800	_____ (3)	Teachers, Schools, and Learners (W, C)	PROFICIENCIES:
CI/FDN/RE 3850	_____ (3)	Literacy, Technology and Instruction (C)	Reading _____
FDN 3800	_____ (3)	Foundations of American Education (CD)	English _____
PSY 3000	_____ (3)	Educational Psychology (MC, CD)	Speech _____
C I 4900	_____ (12)	Student Teaching	

NOTE: To be admitted to the Teacher Education Program students must take and satisfy testing requirements for Reading, Writing and Math areas of the PRAXIS (PPST or CBT). Note, however, that the Area Exam is required for licensure. Only CI/SPE 2800 and PSY 3000 may be taken prior to formal admission into the Teacher Education Program.

III. MAJOR REQUIREMENTS (Not including 12 semester hours already counted in I, above) 58

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under III. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

A. Biology Core Requirements: 12 semester hours (must be completed before taking any other biology courses)

- BIO 1110 _____ (4) Concepts of Biology
- BIO 2000 _____ (4) Introduction to Botany
- BIO 2001 _____ (4) Introduction to Zoology

B. Additional Required Biology Courses: 26 semester hours

- BIO 3301 _____ (4) Animal Physiology (W, ND)
- OR**
- BIO 4555 _____ (4) Plant Physiology (W, ND, C)
- BIO 3306 _____ (3) Genetics (ND)
- BIO 3307 _____ (1) Genetics Laboratory (W, ND)
- BIO 3308 _____ (4) Bacteriology
- BIO 3312 _____ (3) Environmental Studies (W, S)
- BIO 3436 _____ (3) Introduction to Evolutionary Biology (W, S, ND)
- BIO 3520 _____ (1) Instructional Assistance
- BIO 3800 _____ (4) Molecular Biology (W, ND, C)
- One organismal biology course (3 semester hours minimum)
is also required _____

Major Designators

2 Writing (W) _____

1 Speaking (S) _____

Certified Proficiency in Communication (CPC) _____

CPC is met by completion of W and S courses within the department with a grade of "C" or better.

Other Designators

4 Writing (W) _____

(English 1000 and 1100 will count as 2 W)

4 Multi Cultural (MC) _____

(History 1101 and 1102 will count as 2 MC)

2 Numerical Data (ND) _____

2 Computer (C) _____

1 Cross Disciplinary (CD) _____

C. Required Cognate Courses: 32 semester hours

NOTE: 12 semester hours of cognate courses are counted in core curriculum requirements.

Chemistry

- CHE 1101/1110 _____ (4) Intro. Chem. I (ND)& lab
- CHE 1102/1120 _____ (4) Intro. Chem. II (ND) & lab
- CHE 2101/2203 _____ (4) Organic Chemistry I & lab

Physics

- PHY 1103 _____ (4) General Physics
- PHY 1104 _____ (4) General Physics

Mathematics

- MTH 1110 _____ (4) Calculus w/ Analytic Geometry I (ND)
- STT 2810 _____ (3) Intro to Data Anal. & Stat. Inf. (ND, C)

General Science (minimum grade of C is required)

- G S 4403 _____ (3) Teaching Science in Middle & High Schools (W, S, C)

Reading (minimum grade of C is required)

- R E 4630 _____ (2) Reading in the Content Areas

IV. MINOR (optional)

V. ELECTIVES (taken to total 128 hours for the degree) 2
2 semester hours of free electives must be outside the major discipline. 128