



The University of North Carolina at Pembroke

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RECOMMENDED DEGREE PATH

B.S. in Science Education: Middle Grades Science (6-9) Concentration

First Year

Fall Semester (16 semester hours)

FRS 1000 Freshman Seminar (1)
ENG 1050 Composition I
MAT 1070 College Algebra
General Education: Fine Arts
General Education: Social Science
General Education: History

Spring Semester (17 semester hours)

ENG 1060 Composition II
BIO 1000 Principles of Biology
BIOL 1000 General Biology Lab (1)
General Education: Social Science
General Education: Philosophy/Religion
General Education: Elective
General Education: PE (1)

Second Year

Fall Semester (18 semester hours)

BIO 1030 Basic Human Biology
MAT 2100 Introduction to Statistics
GLY 1150 Earth Science
GLYL 1150 Earth Science Lab (1)
General Education: Literature
General Education: Social Science

Spring Semester (17 semester hours)

CHM 1300 General Chemistry I
CHM 1100 General Chemistry I Lab (1)
GLY 1250 Earth History
GLYL 1250 Earth History Lab (1)
EPC 2020 Introduction to Education, Ethics,
and Professionalism (1)
SCE 3000 Early Experiences for Prospective
Science Teachers (1)
Academic Concentration course*
Academic Concentration course*
General Education: PE (1)

Third Year

Fall Semester (18 semester hours)

PHY 1500 College Physics I
PHY 1560 College Physics I Lab (1)
PHS 1560 Astronomy
PHS 1570 Astronomy Laboratory (1)
EPC 3010 The Psychology of Learning
and Development (2)
SCE 3010 Early Laboratory Experiences for
Prospective Science Teachers (2)
Academic Concentration course*
Academic Concentration course*

Spring Semester (14 semester hours)

BIO 3040 Principles of Ecology (4)
Academic Concentration course*
Guided Electives (1)
EPC 2040 Introduction to Exceptional, Diverse,
and At-Risk Students
EDN 3400 Philosophy and Curriculum of
Middle Grades Education
SCE 3500 The Teaching of Science in
the Middle Grades (6-9)

Fourth Year

Fall Semester (16 semester hours)

Academic Concentration course*
Academic Concentration course* or Guided
Elective depending on concentration selected
EPC 3030 Reading Across Content Areas
CSC 4050 Current Topics in Computers
in Education
Guided Elective

Spring Semester (12 semester hours)

SCE 4750 Professional Seminar in
Middle/Secondary School
SCE 4490 Internship in Science in
Middle/Secondary Schools (9)