

GEOGRAPHIC INFORMATION SCIENCE TRACK

Name _____ Student ID _____ Date _____

GENERAL EDUCATION REQUIREMENTS

(A minimum of 48 hours)

GROUP I - 15 HOURS/5 COURSES

- A. ENGL 101 (grade of "C" or better) 3 ___
 ENGL 102 (grade of "C" or better) 3 ___
 Literature _____ 3 ___
- B. Art, Communication Arts, Dance,
 Modern Languages, Theatre, Music, Philosophy
 (6 hours from two departments) _____ 3 ___
 _____ 3 ___

GROUP II - 15 HOURS/5 COURSES

- A. HIST 101 3 ___
 HIST 102 3 ___
- B. Anthropology, Conflict Resolution, Economics, History,
 Human Geography, Political Science, Psychology, Sociology
 (9 hours from three departments)
 GEOG 203 (satisfied by major/"C" or better) 3 X ___
 _____ 3 ___
 _____ 3 ___

GROUP III - MINIMUM OF 15 HOURS/4 COURSES

- A. Biology, Chemistry, Geology **OR** Physical Geography, Physics
 (Six hours from two departments)
 GEOL 103 (satisfied by major/"C" or better) 4 X ___
 _____ 4 ___
- B. Biology, Chemistry, Geology **OR** Physical Geography,
 Mathematics, Computer Science (3 hours)
 GEOG 201 (satisfied by major/"C" or better) 4 X ___
- C. Mathematics (3 hours)
 MATH 155 (satisfied by major/"C" or better) 3 X ___

GROUP IV - 3 HOURS

PHEC 106 3 ___

All courses taken to satisfy requirements for the major must be completed with "C" or better except COSC 118.

Transfer students must complete a minimum of fifteen hours with a "C" or better in Geography at Salisbury University, at least twelve semester hours of which must be at the upper-division (300-400) level.

All students must complete a minimum of thirty hours at the upper division (300-400) level with a grade of "C" or better.

Must have a total of 120 hours to graduate.

GEOGRAPHIC INFORMATION SCIENCE TRACK

(A minimum of 54 hours with "C" or better)

CORE REQUIREMENTS

Required of all GEOG majors

- GEOG 101 World Geog: Europe & Asia 3 ___
OR GEOG 102 World Geog: Africa & Americas 3 ___
 GEOG 201 Physical Geography/Weather & Climate 4 ___
 GEOG 203 Economic Geography 3 ___
 GEOG 204 Spatial Analysis 4 ___
 GEOG 219 Map Interpretation & Analysis 3 ___
 GEOG 319 Geographic Information Science 4 ___
 GEOG 414 Research and Writing 3 ___
 GEOL 103 Introduction to Physical Geology 4 ___
 MATH 155 Modern Statistics 3 ___

TRACK REQUIREMENTS:

- COSC 118 Intro Science Programming Visual Basic 4 ___
OR COSC 120 Computer Programming 4 ___
 GEOG 419 Advanced Geographic Info Science 4 ___

TRACK GEOGRAPHY ELECTIVES:

Complete at least two courses from the following:

- GEOG 320 Cartographic Visualization 3 ___
 GEOG 321 Remote Sensing of the Environment 3 ___
 GEOG 335 Computer Cartography 3 ___

AND

Complete two courses in human and/or physical geography at the 300-400 level

- GEOG _____ 3 ___
 GEOG _____ 3 ___

TRACK EXTERNAL ELECTIVES:

Complete at least one course from the following:

- ART 227 Computer Graphic Design 3 ___
 COSC 220 Data Structures & Algorithms 4 ___
 COSC 482 Computer Graphics 3 ___
 INFO 211 Info Concepts for Management 3 ___
 INFO 386 Database Management Systems 3 ___