

FIRST YEAR STUDENT ADVISING SHEET

MAJOR: **General Science Education**

COURSES REQUIRED BY THE MAJOR

NOTES:

1. First-year students with intended majors in General Science Education **must be** scheduled for ED 105 in the Fall and ED 151 in the Spring, before the end of their first year. ED 105 is a prerequisite for ED 151. Completing both before the sophomore year is critical.
2. ED 161 is a required course for all education majors and can be taken during a student's first year.
3. A cumulative grade point average of 2.8 is required for Provisional Acceptance into all teacher education programs. This application for Provisional Acceptance normally takes place during the semester when a student will complete their second education course and a total of 27 credits (normally during the second semester of their first year).
4. **ALL intended education majors must complete two English courses (one in composition and one in literature)* and two Mathematics prefix courses. (Math 011 does not count) before the end of their sophomore year.**
5. The College's core curriculum is utilized to satisfy many of the General Science Education content requirements. Consequently, careful selection of core courses is critical, and should be done in consultation with the an Education Department Advisor.
6. **Criminal clearances and TB test MUST be obtained before field placement for ED 105 can begin.**
 - SP4-164 Criminal Record Check, also known as the Act 34 Clearance
<http://www.portal.state.pa.us/portal/server.pt?open=512&objID=4451&&PageID=458621&level=2&css=L2&mode=2>
 - CY 113 PA Child Abuse History Clearance
<http://www.dpw.state.pa.us/ServicesPrograms/ChildWelfare/003671038.htm>
 - FBI Criminal History Report www.pa.cogentid.com
 - ACT 24 (found in Education Office, Nicarry 143)
7. A major in general science education must choose from among 4 areas of concentration: biology, chemistry, earth science, or physics. The student should take BIO111* and CH105* in the fall for a biology concentration; CH105* for a chemistry concentration; PHY200 for a physics concentration.
8. If biology is chosen as the concentration, the student must also take BIO112 and CH113, Organic Chemistry I, in the spring semester of their first year. A student in the chemistry concentration must take CH105*, Fundamentals of Chemistry and CH113, Organic Chemistry I in their first year. A student in the physics concentration must take CH105 in their first year.
9. Courses in the major are determined by the choice of concentration
10. ES113* and ES114* are to be taken after the first year.
11. Math requirement vary depending on the area of concentration. Refer to College catalog

*Indicates courses that satisfy core Natural and Physical Science requirements

EDUCATION DEPARTMENT

First-Year Course Sequence

General Science

First Semester	Second Semester
FYS ED 105 EN 100 or equivalent ED 161 (Fall or Spring) CORE	ED 151 MATH Core CORE CORE

*Approved as English Composition

EN 100
EN 150
EN 180
EN 185

*Approved as English Literature

EN101 EN240
EN 104 EN 243
EN 200 EN 245
EN 220 EN 251
EN 230 EN 281