

Syracuse University - Inclusive Elementary and Special Education Program Concentration  
**NATURAL SCIENCES**

Name \_\_\_\_\_ Student No. \_\_\_\_\_

- The Natural Sciences Concentration is 10 courses totaling 30 or more credits.
- 6 of the 10 courses also meet 6 of the program’s distribution requirements – MAT 117 and 118, SCI 104 and 105, GEO 155 (geography requirement), and the “other breadth” requirement (slot 16 on the program checklist).
- With careful advanced planning, a semester abroad *might* be possible.
- In addition to the 5 required courses listed below, you must select 5 courses from 3 of the 4 content areas.

You will take:

- 3 courses from one of the areas, with one of these at the 300 level or above. Careful planning of sequenced courses is necessary!
- One course each from two other areas.
- At least two laboratory sciences are required, including at least one from the primary science area.
- For purposes of this concentration, AST (astronomy) may count in the physics category.

Indicate your choices on the following chart with checkmarks.

|                       | Primary area         | 2 <sup>nd</sup> area | 3 <sup>rd</sup> area |  |
|-----------------------|----------------------|----------------------|----------------------|--|
| Biology               |                      |                      |                      |  |
| Chemistry             |                      |                      |                      |  |
| Earth Science/Geology |                      |                      |                      |  |
| Physics               | <b>Not available</b> |                      |                      |  |

|    | Dept./No.                              | Title  | Cr.          | Term | Grade | Notes       |
|----|--|--|--------------|------|-------|-------------|
| 1  | SCI 104                                | Science Questn & Quests: Physical Phenom. I  | 3            |      |       | Fall only   |
| 2  | SCI 105                                | Science Questn & Quests: Physical Phenom. II | 3            |      |       | Spring only |
| 3  | MAT 117                                | Foundational Math via Prob. Solving I        | 3            |      |       | Fall only   |
| 4  | MAT 118                                | Foundational Math via Prob. Solving II       | 3            |      |       | Spring only |
| 5  | GEO 155                                | Physical Geography                           | 3            |      |       |             |
|    |  | <b>Dept./No.</b>                             | <b>Title</b> |      |       |             |
| 6  | Science – primary group                |  | 3            |      |       |             |
| 7  | Science – primary group                |  | 3            |      |       |             |
| 8  | Science – primary group upper division |  | 3            |      |       |             |
| 9  | Science – second group                 |  | 3            |      |       |             |
| 10 | Science – third group                  |  | 3            |      |       |             |