## CONCENTRATION PLAN FOR BACHELOR OF ARTS DEGREE IN BIOLOGY-EDUCATION (Major Code 017)

### IMPORTANT REQUIREMENTS TO REMEMBER FOR BIOLOGY-EDUCATION MAJOR

- Must have at least 30 credits in Biology, including Biology 105.0 and Biology 106.0.
- Choose at least two (2) of the following: Biology 285, Biology 286, and Biology 287.
- At least 16 of the Biology credits above Biology 106.0 must be taken at Queens College.
- Transfers: A maximum of 16 Biology credits are accepted as transfer credits in the major.

† At least three (3) of the Biology Electives must be a laboratory/field course and at least two (2) of the Biology Electives must be at the 300-level.

### Category | Course Number | Course Title | QC Credits | Transfer Credits | Term | Grade Min. of C- Required
--- | --- | --- | --- | --- | --- | ---
Core Biology | 105.0 | Gen Biol: Physiology & Cell Biology | 4.0 | | | |
Core Biology | 106.0 | Gen Biol: Life Forms & Ecosystems | 4.0 | | | |
Core Biology Choose 2 of 3 in this group | 285 | Principles of Genetics | 4.0 | | | |
Core Biology Choose 2 of 3 in this group | 286 | Principles of Cell Biology | 3.0 | | | |
Core Biology Choose 2 of 3 in this group | 287 | Principles of Evolutionary Biology | 4.0 | | | |
Biology Electives |  | † Choose from the following: | | | | |
| | 200, 201, 213, 220, 226, 230 | | | | |
| | 241, 245, 261, 262, 263, 280 | | | | |
| | 310, 312, 315, 320, 321, 325, 326 | | | | |
| | 330, 340, 345, 346, 347, 348, 349 | | | | |
Chemistry Req | 101/113 | Basic Chemistry / General Chemistry I | 4.0/5.0 | | | |
Chemistry Req | 102/251 | Basic Organic / Organic I | 4.0/5.0 | | | |
Math | 151/142/Biol 230 | Calculus I / Calculus / Biostatistics | 4.0/3.0/4.0 | | | |
Other Electives | Major-level courses from these departments: Chemistry & Biochemistry; Computer Science; Earth & Environmental Sciences; Family, Nutrition & Exercise Sciences (FNES); Mathematics; Physics | | 16.0 | | | |

**TOTAL CREDITS:**

59