**REQUIRED MAJOR COURSES:** 47 Credits

**Biology:**
* Biology I BIO150
* Biology II BIO152
* Intro. Scientific Research BIO200
* Genetics BIO240
* Biostatistics BIO290
* Ecology BIO300
* Senior Thesis BIO400

**Chemistry:**
* General Chemistry I CHM134
* General Chemistry II CHM136
* Advanced Chemistry II CHM146
* Organic Chemistry I CHM234
* Organic Chemistry II CHM236
* Biochemistry I BIO350

**Physics:**
* General Physics I PHY110
* General Physics II PHY112

**UPPER DIV. BIOL. ELECTIVES:** 20 Crs

Choose one course from the Cellular/subcellular category and one from the Organismal/population category of the Upper Division Biology Electives. The remaining 12 credits must also be chosen from these categories.

**Cellular/Subcellular:**
- Biology of Microorganisms BIO330
- Biochemistry I BIO350
- Biochemistry II BIO352
- Immunology BIO354
- Reproduction & Development BIO356
- Cell & Molecular Biology BIO358
- Neurobiology BIO360

**Organismal/Population:**
- Zoology BIO302
- Botany BIO304
- Animal Behavior BIO306
- Animal Physiology BIO308
- Plant Morphology BIO310
- Plant Systematics BIO312
- Marine Ecology/Chesapeake BIO324
- Evolutionary Biology BIO370

Courses offered at Wallops Island Marine Science Consortium may be transferred to York College for degree credits. Departmental approval is required in advance, and only ONE course may be used to fulfill an upper division elective.

**An overall cumulative grade point average of 2.0 or better is required in all Biology courses for graduation.**

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**All courses must be completed with a minimum “2.0” grade. Courses may not be taken on a pass/fail basis.**

**A minimum of 12 credits of the Area Distribution Requirements must be at the 200-level or above. Courses may not be taken on a pass/fail basis. See Registrar’s Office for official list of courses.**

**Six credits are to be taken in one of these two areas; if foreign language is selected, six credits must be in one language.**

**Requirements listed apply to students who matriculate into or declare this major during the 2012-2013 academic year.**

**PMV courses will not be considered upper division Biology electives.**

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(Signed) Faculty Advisor __________________________ Date ______________

(Signed) Dept. Chair __________________________ Date ______________