New OBE Major – (each box = 1 unit; 16 units total); requirements for OBE majors in CC class of '29 onward only

I. OBE Intro: BE105 or 106 or 107 (Bio of Plants, Animals, or Microbes)

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II. MB Intro: MB110 (Intro to Molecular Biology)
If AP/IB/transfer 'General Biology' take MB210 Cell Biology or MB215 Genetics; credit counts as lower level OBE elective

III. Gen Chem 1: CH107 OR CH117

III. Gen Chem 2: CH108

3rd BE Intro and additional MB classes are encouraged as lower-level electives; if you have completed MB131 and not MB201, II is fulfilled but complete BE280 for V. If you have completed MB131 and MB201, you will have completed II and one lower-level OBE elective.

IV. Ecology: BE208 or EV209

V. Evolution: BE280 (Population Genetics), BE380 (Evolution), BE411 (Mycology), BE415 (Biogeography & Phylogenetics), BE418 (Evolutionary Medicine), or select BE440

VI. Statistics, Mathematical Modeling, and Experimental Design: BE220 (Biostatistics and Experimental Design); MA117 (Statistics); MA137 (Statistics); MA256 (Math Modeling)

VII. BE elective

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VIII. Quantitative & Physical Science

VIII. Quantitative & Physical Science

VII. BE elective

VII*. Capstone: Writing Intensive BE elective taken in last 8 classes, with Portfolio completion; Portfolio is assembled incrementally during final 2+ years, in consultation with major advisor & capstone professor; will start Fall '27

IX. 6th elective: BE elective OR additional course from VIII depts/programs

Quantitative & Physical Sciences Course Menu
Choose two courses from two categories:

- **Chemistry and Biochemistry**: CH241 or CH250
- **Computer Science**: CP115 or CP116
- **Environmental Science and Geology**: GY140 or EV128
- **Mathematics:** MA120, MA125, MA126, or MA129, or additional from VI.
- **Physics**: PC141, PC151, or PC241

VII: At least 3 electives at 300+ level, at least 3 electives in OBE; 2 of these 300+ in OBE. All MB classes count as electives outside of OBE and the department maintains a list of courses in other departments and study abroad opportunities that could count as electives outside of OBE.

III, VI, VIII: AP/IB scores can be used to fulfill one class maximum for each of these three requirements. See other Departments and Programs for score fulfillment guidelines. Note that additional AP/IB credits can count towards the total number of credits required at the College level. VIII: Note that some listed courses on the Menu require Calculus as a prerequisite.