

- BIOL 2454 GenBio I
- BIOL 2455 GenBio II
- BIOL 3301 Cell&Mol
- BIOL 3414 Microbiology
- BIOL 3444 Genetics
- CHEM 2415 GenChem I
- CHEM 2416 GenChem II

Completed Coursework (or In Progress)

Hours and GPA

- Minimum requirements
- Complete > 64 Semester Hours
- >32 Semester Hours at HBU
- Minimum of a B in all required classes
- Cumulative GPA ≥ 3.25
- BIOL/BCMB Classes GPA ≥ 3.5
- GPA is calculated based on the first attempt of every course.

- Submit an application to Dr. Ellis
 - Project abstract
 - Faculty mentor
- The Biology Department votes on the applicants
- Accepted students immediately begin thorough literature review and writing a detailed proposal.

Application

Research Semester (BIOL /BCMB 4297)

- Proposal Defense
 - Appropriate peer-reviewed literature
 - Timeline
 - Safety
 - References
 - Figures
- Independent Research for 1-2 semesters

- Write & edit thesis
 - Journal submission
- Presentations
 - Public defense
 - HBU Scholarship Symposium
 - 1 other venue

Thesis Semester

