

## Genetic Counseling

This is an example 4-year plan for a health science major who aspires to go on to a graduate program to become a **Genetic Counselor**. This example also includes a psychology minor. There are many possible schedule variations. **Bolded classes are sequential and need to be taken in a particular order, others can be easily interchanged in different terms.** Yellow highlighted classes are those that satisfy prerequisites for several Genetic Counseling graduate programs however, requirements vary by graduate school. It is the student's responsibility to know and satisfy all prerequisites for each graduate program to which they are applying. Green highlighted courses are for the psychology minor.

Additional items that often make students a stronger candidate for admission into genetic counseling programs (or may be required by some programs) include shadowing genetic counselors, advocacy or counseling experience, and research. Genetic Counseling programs often use the Genetic Counseling Admissions Match (see <https://natmatch.com/gcadmissions/>) AP course credit is often not accepted by graduate programs. Standardized admission tests (GRE, etc) are generally not required or considered in the application process.

	Fall Semester	Spring Semester	Comments
1	<b>BSHS 110 Intro to Healthcare</b> *fall or spring 1 <sup>st</sup> yr* <b>CH 105 Gen Chem 1</b> <b>FYS 101 First Year Seminar</b> <b>SW 250 Intro Psychology</b> <b>MA 162 (or AR 210) Statistics</b> BSHS 100 Explore*Prepare*Succeed (EPS) 1	<b>BSHS 110 Intro to HC</b> *fall or spring 1 <sup>st</sup> yr* <b>CH 106 Gen Chem 2</b> <b>BI 210 Genetics</b> <b>FYS 102 First Year Seminar 2</b> BSHS 225 Interprofessional Health Education PCA Perspective in the creative arts core class BSHS 105 EPS 2	At least 20 hours shadowing outside classroom also required
2	<b>BI 220 Cell Bio</b> <b>CH 351 Organic Chemistry 1</b> <b>PS 320 Life Span Developmental Psychology</b> <b>GHS</b> Global and Historical Studies core 1 BSHS 215 Medical Terminology BSHS 200 EPS 3	<b>BI 325 Microbiology</b> <b>CH 352 Organic Chemistry 2</b> BSHS 290 Public Health BSHS 230 Health System and Policy TI Text & Ideas or other core class BSHS 205 EPS 4	Advocacy/counseling experience recommended- can be volunteer or paid, examples crisis or domestic violence centers, working with individuals with disabilities, hospice, etc.
3	<b>BSHS 334 Anatomy &amp; Physiology 1 w/lab</b> BSHS 360 Healthcare Ethics <b>PS 210 Research Methods/Statistics 1</b> <b>GHS</b> Global and Historical Studies core 2 BSHS Elective BSHS 300 EPS 5	<b>BSHS 335 Anatomy &amp; Physiology 2 w/lab</b> <b>CH 361 Intro to Biochemistry</b> <b>PS 211 Research Methods/Statistics 2</b> BSHS 340 Healthcare Communication BSHS 305 EPS 6	Start applying to grad schools summer after junior year
4	BSHS 450 Biostatistics BSHS 470 Intro to Pharmacology <b>PS 330 Psychology of Child and Adolescence</b> PS 396 Directed Research or BSHS 398 Undergraduate Research ** BSHS 400 EPS 7	BSHS 460 Evidence Based Healthcare BSHS 350 Health Disparities BSHS 430 Healthcare Quality & Improvement <b>PS 350 Social Psychology</b> BSHS Elective BSHS 399 BSHS Research Thesis or Manuscript Completion ** BSHS 405 EPS 8	Must have at least 200 hours of experience outside of classroom completed prior to graduation

\*\*Suggested for students completing research