

**Orthotics and Prosthetics**

This is an example 4-year plan for a health science major who aspires to go into an **Orthotics and Prosthetics** graduate program. There are many possible variations. **Bolded classes are sequential and need to be taken in a particular order.** Other classes can be easily interchanged in different terms. Courses highlighted in **yellow** are prerequisite requirements for many OP programs, however prerequisite requirements vary. It is the students' responsibility to know specific course prerequisites. Courses highlighted in **green** are electives that have content that would be especially beneficial for a future Orthotist/Prosthetist.

Some MSOP programs recommend/require the GRE, others do not. <https://www.ets.org/gre/test-takers.html> Many require specific shadow/work/volunteer experience in the prosthetics/prosthetics space.

	Fall Semester	Spring Semester	Comments
1	<b>BSHS 110 Intro to Healthcare</b> <i>*fall or spring 1<sup>st</sup> yr*</i> <b>CH 105 Gen Chem 1</b> <b>FYS 101 First Year Seminar 1</b> MA 162 (or AR 210) statistics SW 250 Introductory Psychology BSHS 100 Explore*Prepare*Succeed (EPS) 1	<b>BSHS 110 Intro to HC</b> <i>*fall or spring- not both*</i> <b>CH 106 Gen Chem 2</b> <b>BI 210 Genetics</b> <b>FYS 101 First Year Seminar 2</b> PCA Perspective in the Creative Arts core class TI Text and Ideas core class BSHS 105 EPS 2	BSHS 110 can be taken fall or spring, but should be 1 <sup>st</sup> year  At least 20 hours shadowing outside classroom also required
2	<b>PH 107 Physics 1</b> <b>PS 320 Life Span Development</b> BSHS 290 Public Health BSHS 225 Interprofessional Education <b>KIN 253 Motor Learning</b> BSHS 200 EPS 3	<b>BI 220 Cell Bio</b> <b>PH108 Physics 2</b> BSHS 215 Medical Terminology BSHS 230 Health System and Policy GHS Global and Historical Studies core class 1 BSHS 200 EPS 4	Also gain HC experience outside classroom
3	<b>BSHS 334 Anatomy &amp; Physiology 1 w/lab</b> BSHS 350 Health Disparities BSHS 360 Healthcare Ethics <b>PS 411 Abnormal Psychology**</b> WB Well Being core class BSHS 300 EPS 5	<b>BSHS 335 Anatomy &amp; Physiology 2 w/lab</b> <b>BI 325 Microbio</b> BSHS 340 Healthcare Communication GHS Global and Historical Studies core class 2 BSHS 305 EPS 6	Take GRE and start applications for OP graduate programs
4	<b>RX 312 Pathophysiology</b> BSHS 430 Healthcare Quality & Improvement <b>BSHS 450 Healthcare Biostats</b> <b>KIN 323 Kinesiology</b> BSHS 400 EPS 7	<b>BSHS 460 Evidence Based Healthcare</b> BSHS 470 Intro to Pharmacology <b>KIN 324 Exercise Physiology</b> BSHS Elective BSHS 405 EPS 8 Must have at least 200 hours of HC experience outside of classroom completed prior to graduation	

**\*\*** Note some OP programs specifically require or highly recommend Abnormal Psychology for admission. At Butler, the Abnormal Psych course has a prerequisite of 10 credit hours of psychology courses, or permission of the instructor. If a student does not have 10 hours of psychology, but has 6, they may contact the psychology department chair requesting enrollment based on grad school needs.