Those students who are majoring in Health Science (either Bachelor of Arts or Bachelor of Science) who are interested in applying to pharmacy schools are advised to include the following courses in their academic plan. These recommendations are based on a general survey of course prerequisites for pharmacy school admission of schools in the Midwest and courses recommended for the PCAT examination; some requirements are met by the science core of the Health Science major. Since individual schools vary in their requirements, it is strongly recommended that the individual research the admissions requirements of schools of interest, and consult with his/her Grace pre-health advisor to make sure that the prerequisites are met.

Further, it is recommended that the candidate consider choosing their required Grace minor in an area of personal interest. Minors outside of the sciences are strongly encouraged but not required.

Finally, students should plan their course choices to ensure that they meet or exceed the minimum of 120 credits required to graduate.

Required courses/course choices (where a choice on the Health Science Major is not specified below, the student may choose either/any of the courses):

- PHY 2510/2520 – Physics 1 + Lab
- PHY 2610/2620 – Physics 2 + Lab
- CHM 2610/2620 – Organic Chemistry 1 + Lab
- CHM 2710/2720 – Organic Chemistry 2 + Lab
- BIO 3210/3220 – Anatomy & Physiology 1 + Lab
- BIO 3310/3320 – Anatomy & Physiology 2 + Lab
- MAT 1230/1240 – Calculus 1 + Lab
- BUS 2230 – Economics

Total credits (Health Science core plus above choices): 64
Grace Core and BA/BS credits: 45
Elective credits required: 11
Total credits: 120

For students interested in the BS degree option, the following courses are highly recommended (because they fulfill required courses for many pharmacy schools):

- Math: MAT 3200 – Probability and Statistics
- Social Science: PSY 1100 – Introduction to Psychology
Additional Course Recommendations

While the courses below are not required by a majority of the pharmacy programs in the upper Midwest, they are either required or recommended by a significant number of schools, but are not covered in the Health Science major core science courses or in the list of required courses above. Students are strongly encouraged to consider the pharmacy programs of most interest to them, and determine if taking some of these courses might best prepare them to be a competitive applicant to these schools.

BIO 4110/4120 – Microbiology + Lab