

### 3 YEAR PLAN TO COMPLETE PRE-PHARMACY REQUIREMENTS

Please be aware that this only applies to those who have to start from the beginning. If you have previous college credits or AP credits, your plan would look differently. It is highly recommended to meet with an admissions advisor as early as possible to individualize your plan.

1 <sup>st</sup> Semester	Minimum Required Hours	Total Hours
General Biology	4	4
General Chemistry 1	4	4
English Composition 1	3	3
College Algebra or Precalculus*	3	3
<b>Total Semester Hours</b>		<b>14</b>
2 <sup>nd</sup> Semester	Minimum Required Hours	Total Hours
General Microbiology	4	4
General Chemistry 2	4	4
English Composition 2	3	3
Business Calculus or Calc I	3	3
<b>Total Semester Hours</b>		<b>14</b>
3 <sup>rd</sup> Semester	Minimum Required Hours	Total Hours
Organic Chemistry 1	3-5	3-5
Human Anatomy or Physiology	4	4
Electives	6	6
<b>Total Semester Hours</b>		<b>13-15</b>
4 <sup>th</sup> Semester	Minimum Required Hours	Total Hours
Organic Chemistry 2 w/lab	5	5
General Physics I	3	3
Electives	6	6
<b>Total Semester Hours</b>		<b>14</b>
5 <sup>th</sup> Semester	Minimum Required Hours	Total Hours
Introductory Biochemistry (Not Required)	3	3
Additional biology course (Not Required)	3-4	3-4
Electives	6	6
<b>Total Semester Hours</b>		<b>12-13</b>
6 <sup>th</sup> Semester	Minimum Required Hours	Total Hours
Upper Level Biology or Chemistry course (Not Required)	3-4	3-4
Electives	3	3
<b>Total Semester Hours</b>		<b>6-7</b>

To schedule an appointment, please go to <https://bit.ly/OUPharmDAdvise>  
 Questions? Contact us at [OUPharmD@ouhsc.edu](mailto:OUPharmD@ouhsc.edu) or (405) 271-6598.

## NOTES:

1. Please note that College Algebra or Precalculus (sometimes called Functions & Modeling) count as an elective.\*
2. Please check with your undergraduate institution to determine if College Algebra or Precalculus is the prerequisite to enroll in Calculus. This requirement varies by institution.
3. Please check with your undergraduate institution to determine if College Algebra is a prerequisite to enroll in General Chemistry I. If so, you may need to take the course in the summer prior to beginning your Freshman fall semester.
4. We accept AP/IB and CLEP credit for pre-pharmacy coursework as long as it is transferred to and appears on your primary college or university's transcript and can be verified.
5. Prerequisites may be completed at any regionally accredited college or university.
6. Please note that some schools combine organic chemistry lecture and labs, physics lecture and labs, or microbiology lecture and labs into one course. At minimum, each student must complete 8 total hours of organic chemistry including lab, 3 hours of physics (no lab required), and 4 hours of microbiology w/lab .
7. A minimum of 24 hours of electives must be successfully completed. Approved subject areas for electives may be selected from the areas listed below. **(Please note, the examples are not exhaustive nor specifically required. They are just a reference tool.)**
8. **It is highly recommended (though not required) that students select the following electives as a part of their 24 hours:**
  - a. An additional math course
  - b. A computer science course
  - c. A course with a diversity component
  - d. An economics course
  - e. A communications course (interpersonal or public speaking)
  - f. A behavioral science course (psychology or sociology)

## APPROVED ELECTIVE SUBJECT AREAS:

Subject Area	Examples
<b>Fine Arts (non-performance based)</b>	Intro to Music; Film Appreciation
<b>History</b>	US History Before 1865; US History Since 1865
<b>Political Science</b>	American Government; Govt Forms
<b>Anthropology</b>	Intro to Anthropology; Cultural Anthropology
<b>Humanities</b>	General Humanities; Intro to Western Civilization
<b>Geography</b>	World Political Geography; Human Geography
<b>Philosophy</b>	Intro to Philosophy; Religious Studies
<b>Literature</b>	American Lit; British Lit; World Lit;
<b>Social Science</b>	Criminal Justice; Criminology
<b>Behavioral Science</b>	General Psychology; Introduction to Sociology
<b>Foreign Language</b>	Spanish, French, German, etc.
<b>Communications</b>	Intro to Public Speaking; Interpersonal Comm
<b>English</b>	Advanced Grammar; Medical Terminology
<b>Leadership</b>	Intro to Leadership; Presidential Leadership Class
<b>Business</b>	Intro to Business; Micro or Macroeconomics
<b>Statistics</b>	Intro to Stats; Biostatistics; Research Statistics
<b>Computer Science</b>	Intro to Computers; Software Development

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