The practice of pharmacy requires detailed knowledge of the physical and chemical properties of drugs as well as their biologic effects. Pre-Pharmacy Concentration is designed to prepare you for admission to the Pharmacy school. The Pre-Pharmacy Concentration coordinator offers guidance for all aspects of the application process including information on: coursework, getting hands-on experience/shadowing, taking the PCAT, letters of recommendation, preparing the application, and practicing for interviews.
4-Year Degree Plan
Bachelor of Science (B.S.) in Chemistry
with Pre-Pharmacy Concentration

Requirements/Notes

Pre. Prerequisite: Y (Yes) - Course/Requirement has prerequisite(s). N (No) - Course/Requirement has no prerequisite. C (Check) - Some courses satisfying requirement have prerequisites and/or courses have non-prerequisite restrictions. Check Catalog for details.

* Recommended. For transfer courses, following recommendations will reduce or eliminate the need to take additional courses at FSU. For FSU courses, following recommendations will optimize the student's educational experience. If in doubt, consult an advisor.

1.1. Transitional UNIV. (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111. UNIV 101-UNIV 102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance.

1.2. Transitional Life. ENTR 100 Or FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140.

2.1. Written Communication. ENGL 110.

2.2. Oral Communication. BADM 215 Or SPEE 200.

3.1. Critical Thinking. PHIL 110 Or PHIL 220. Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived.

3.2. Quantitative Reasoning. MATH 131. MATH 121 may be required based on profile scores. Some core courses require a one-hour lab.

4. Information Literacy. ENGL 120.

5.1. Natural Sciences. CHEM 141 And CHEM 141L And CHEM 161 And CHEM 161L.

5.2. Social Sciences. CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210.

6. Humanities and Creative Arts. ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 226 Or PHIL 210 Or RELI 215 Or THEA 203.

7. Global Literacy. ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or GLBL 200 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120. Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.

8. Ethics and Civic Engagement. BADM 220 Or COHE 200 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ENGL 233 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or HIST 211 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 110 Or POLI 150 Or SPTM 210 Or SWRK 220. Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived.

9.1. Chemistry Courses. BICH 411 And BICH 412 And BICH 421 And CHEM 200 And CHEM 211 And CHEM 211L And CHEM 223 And CHEM 223L And CHEM 225 And CHEM 225L And CHEM 311 And CHEM 311L CHEM 315 And CHEM 399 And CHEM 499.

9.2. Correlative Requirements. BIOL 150 And BIOL 150L And MATH 130 And MATH 142 And MATH 241 And NSCI 100 And PHYS 125 And PHYS 125L And PHYS 126 And PHYS 126L. MATH 130 not required if MATH 131 has been taken to satisfy Reasoning Skills - Quantitative Reasoning. MATH 131 may be taken in place of both MATH 129 and MATH 130.


11. Biochemistry electives. Select from: BICH 413, CHEM 422, CHEM 425, CHEM 426