BSPS Sample Four Year Plan

**Sample guide for pharmaceutical industry careers
and research graduate programs (e.g., Masters, PhD)**

Semester 1	
Biology 171	4
First Year Writing Requirement*	4
Social Science course*	3
Math 115	4
Total	**15**

Semester 2	
Biology 172	4
Biology 173	2
Chemistry 125	1
Chemistry 126	1
Chemistry 130	3
PharmSci 101	2
Total	**13**

Semester 3	
Chemistry 210	3
Chemistry 211	2
Statistics 250	4
Social Science course*	3
Pharmacy 200	3
Pharmacy 202	1
Total	**16**

Semester 4	
Chemistry 215	3
Chemistry 216	2
Physics 140 OR 150	4
Physics 141 OR 151	1
Humanities OR Foreign Language*	4
Pharmacy 117 OR 217	1
Pharmacy 212	1
Total	**16**

Semester 5	
Biochem 415, Chem 351, OR MCDB 310	4
PharmSci 300	4
Pharmacy 302	1
Humanities OR Foreign Language*	4
Electives	2
Total	**15**

Semester 6	
Chemistry 230 OR 260	3
MedChem 310	3
Pharmacy 412	1
Research for credit	3
Electives	4
Total	**14**

Semester 7	
Physiology 201	3
PharmSci 400	3
PharmSci 402	1
Research for credit	3
Electives	4
Total	**14**

Semester 8	
MedChem 410	3
PharmSci 402	1
Research for credit	3
Electives	6
Total	**13**

120 credits required: 50 must be completed at U-M Ann Arbor upon entering the BSPS program

Notes:

AP or IB exam score credit is awarded based on the LSA guidelines

* As coded in the LSA course guide

Red = 470 Undergraduate Research for Credit

Electives = consider Calculus II and/or III, Differential Equations, Chem 241/242 or 245/246/247 lab, Physics II + Lab, Microbiology, Chem 420 Intermediate Organic Chem, Chem 461 Physical Chemistry I, EECS 183, or Pharmacol 310 Pharmacol and Therapeutics depending on your research area of interest