



BSPS DEGREE REQUIREMENTS CHECKLIST - DRUG DISCOVERY & DEVELOPMENT

General Education (GE) Courses

WRITING (6)

- 1st Writing Course (3):
Pharmacy 2367^ (3):

SOCIAL SCIENCE (6)

- Social Science (3):
Social Science (3):

ARTS AND HUMANITIES (12)

- Historical Study (3):
Arts (3):
Literature (3):
Cultures & Ideas or Historical Study PHR 3420^ (3):

Note: Two courses in Global Studies and one course in Social Diversity are required. Classes can overlap with the Social Sciences and Arts and Humanities ^this is the preferred GE course, but any approved course from that GE category will be accepted

Core Math and Science Courses

CHEMISTRY

- Chemistry 1210 (5)
Chemistry 1220 (5)
Chemistry 2510 (4)
Chemistry 2520 (4)
Chemistry 2540 (2)
Chemistry 2550 (2)

BIOLOGY

- Biology 1113 (4)
Biology 1114 (4)

STATISTICS

- Statistics 2480 (3)

MATH

- Math 1151 (5)

PHYSIOLOGY

- PHR 3100^ (4), EEOB 2520 (3) or Physiology 3200 (5)

PHYSICS

- Physics 1200 or 1250 (5)
Physics 1201 or 1251 (5) or (5)\*

BSPS Required Courses

- Pharmacy 1100 (1)
Pharmacy 2100 (0.5)
Pharmacy 2101 (0.5)
Pharmacy 2500 (3)
Pharmacy 3200 (5)
Pharmacy 3500 (2)
Pharmacy 4000 (5)
Pharmacy 4010 (5)
Pharmacy 4600 (2)
Pharmacy 4610 (3)

BSPS Elective Courses (minimum 11 general hours, 4 advanced hours required)

General

- Pharmacy 2400 (2)
Pharmacy 2410 (2)
Pharmacy 2510 (2)
Pharmacy 2511H (3)
Pharmacy 3191 (1-3)
Pharmacy 3400 (2)
Pharmacy 3410 (1-6)
Pharmacy 3520 (2)
Pharmacy 4330 (2)
Pharmacy 4997 (varies)\*\*
Pharmacy 4998 (varies)\*\*
Pharmacy 4999 (varies)\*\*
Pharmacy 5402 (3)
Pharmacy 5510 (3)
Pharmacy 5520 (2)
Pharmacy 5530 (2)
Pharmacy 5540 (2)
Pharmacy 5550 (2)
Pharmacy 5560 (1.5)
Pharmacy 5570 (1)
Pharmacy 5580 (1.5)
Pharmacy 5590 (3)
Pharmacy 5798 (3)
Pharmacy 7160 (1)

Advanced

- Pharmacy 4210 (1)
Pharmacy 4420 (2)
Pharmacy 4430 (1)
Pharmacy 4440 (3)
Pharmacy 4460 (1)
Pharmacy 5194 (3)
Pharmacy 7405 (3)
Pharmacy 7460 (3)
Pharmacy 7570 (3)
Pharmacy 7572 (3)
Pharmacy 7580 (3)
Pharmacy 7582 (3)
Pharmacy 7584 (3)
Pharmacy 7770 (3)
Pharmacy 7782 (3)

\*BSPS students may choose to complete Physics 1201/1250 or choose a replacement course from the following list: MOLGEN 4500, MOLGEN 4606, MICROBIO 5122, CHEM 3200, BMI5730, CHEM 5440, HTHRHSC 2500. If replacement course is less than 5 credit hours, students must supplement with additional BSPP elective courses to equal a total of 5 credit hours.

\*\*A combination of PHR 4997, 4998 and 4999 may be used for the BSPP for up to 4 credit hours. AU17 and beyond.

^Preferred option for BSPP students

# BSPS SAMPLE SCHEDULING PLAN

## DRUG DISCOVERY & DEVELOPMENT PATHWAY

### Sample Plan:

The following represents a **sample** scheduling plan for BSPS students who entered the major as freshman beginning AU15 and beyond. We encourage students to plan their academic program early, review this plan with his or her academic advisor, and update the plan from time to time as conditions change.

### YEAR 1:

#### Autumn

Math 1150	5
Chemistry 1210	5
Pharmacy 1100	1
Pharmacy 2100	0.5
<u>GE/Electives</u>	<u>3</u>
Total Hours	14.5

#### Spring

Math 1151	5
Chemistry 1220	5
English 1110.01	3
<u>GE/Electives</u>	<u>3</u>
Total Hours	16

### YEAR 2:

#### Autumn

Chemistry 2510	4
Chemistry 2540	2
Biology 1113	4
Pharmacy 2500	3
<u>GE/Electives</u>	<u>3</u>
Total Hours	16

#### Spring

Chemistry 2520	4
Chemistry 2550	2
Biology 1114	4
EEOB 2520	3
<u>GE/Electives</u>	<u>3</u>
Total Hours	16

### YEAR 3:

#### Autumn

Physics 1200	5
Pharmacy 3200	5
Pharmacy 2367	3
<u>GE/Electives</u>	<u>3</u>
Total Hours	16

#### Spring

Physics 1201	5
Pharmacy 4000	5
Pharmacy 4600	2
Pharmacy 2101	0.5
<u>Statistics 2480</u>	<u>3</u>
Total Hours	15.5

### YEAR 4:

#### Autumn

Pharmacy 4010	5
Pharmacy 4610	3
Advanced Elective	2
<u>GE/Electives</u>	<u>5</u>
Total Hours	15

#### Spring

Pharmacy 3500	2
Advanced Elective	2
<u>GE/Electives</u>	<u>12</u>
Total Hours	16