



## BSPS DEGREE REQUIREMENTS CHECKLIST - DRUG DISCOVERY & DEVELOPMENT

### General Education (GE) Courses

#### WRITING (6)

- 1<sup>st</sup> 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)\*

- Pharmacy 1100 (1)  
 Pharmacy 2100 (0.5)  
 Pharmacy 2101 (0.5)  
 Pharmacy 2500 (3)

### BSPS Required Courses

- 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

- |  |   |  |  |
|--|---|--|--|
| <input type="checkbox"/> Pharmacy 2400 (2)   | <input type="checkbox"/> Pharmacy 3410 (1-6)      | <input type="checkbox"/> Pharmacy 5402 (3) | <input type="checkbox"/> Pharmacy 5560 (1.5) |
| <input type="checkbox"/> Pharmacy 2410 (2)   | <input type="checkbox"/> Pharmacy 3520 (2)        | <input type="checkbox"/> Pharmacy 5510 (3) | <input type="checkbox"/> Pharmacy 5570 (1)   |
| <input type="checkbox"/> Pharmacy 2510 (2)   | <input type="checkbox"/> Pharmacy 4330 (2)        | <input type="checkbox"/> Pharmacy 5520 (2) | <input type="checkbox"/> Pharmacy 5580 (1.5) |
| <input type="checkbox"/> Pharmacy 2511H (3)  | <input type="checkbox"/> Pharmacy 4997 (varies)** | <input type="checkbox"/> Pharmacy 5530 (2) | <input type="checkbox"/> Pharmacy 5590 (3)   |
| <input type="checkbox"/> Pharmacy 3191 (1-3) | <input type="checkbox"/> Pharmacy 4998 (varies)** | <input type="checkbox"/> Pharmacy 5540 (2) | <input type="checkbox"/> Pharmacy 5798 (3)   |
| <input type="checkbox"/> Pharmacy 3400 (2)   | <input type="checkbox"/> Pharmacy 4999 (varies)** | <input type="checkbox"/> Pharmacy 5550 (2) | <input type="checkbox"/> Pharmacy 7160 (1)   |

#### Advanced

- |  |  |  |  |
|--|--|--|--|
| <input type="checkbox"/> Pharmacy 4210 (1) | <input type="checkbox"/> Pharmacy 4460 (1) | <input type="checkbox"/> Pharmacy 7570 (3) | <input type="checkbox"/> Pharmacy 7584 (3) |
| <input type="checkbox"/> Pharmacy 4420 (2) | <input type="checkbox"/> Pharmacy 5194 (3) | <input type="checkbox"/> Pharmacy 7572 (3) | <input type="checkbox"/> Pharmacy 7770 (3) |
| <input type="checkbox"/> Pharmacy 4430 (1) | <input type="checkbox"/> Pharmacy 7405 (3) | <input type="checkbox"/> Pharmacy 7580 (3) | <input type="checkbox"/> Pharmacy 7782 (3) |
| <input type="checkbox"/> Pharmacy 4440 (3) | <input type="checkbox"/> Pharmacy 7460 (3) | <input type="checkbox"/> Pharmacy 7582 (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 BSPS elective courses to equal a total of 5 credit hours.

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

^Preferred option for BSPS 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