

## **Track - Practice**

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## **B.S. in Pharmaceutical Sciences**

### **Description**

The B.S.P.S. degree may be taken as a practice or a nonpractice track. The practice track is designed to prepare a student for entry into the Pharm.D. professional program. The nonpractice tracks are designed to prepare a student for a pharmacy-related career (e.g., research or marketing) or graduate school.

**Minimum Total Credit Hours: 142**

### **Goals/Mission Statement**

On the baccalaureate level, the school shall foster an environment where students can learn and apply the principles and theories related to the pharmaceutical sciences and acquire the knowledge, skills, and attitudes in their chosen discipline such that each can enter and succeed in a professional career in the pharmaceutical sciences, or continue studies in areas including, but not limited to, the Doctor of Pharmacy program or graduate studies in the pharmaceutical sciences.

### **General Education Requirements**

The general education/core requirements for the B.S.P.S. degree include Engl 101 and Engl 102/Liba 102; Bisc 160, 161, 162, 163, 336 (2010), 414 (2010), and 440 (2010); Chem 105, 115, 106, 116, 221, 225, 222, 226; Phys 213, 223, 214, 224; Math 115, 261; Spch 102 or 105; Econ 202; Phil 328; Phcl 343, 344; Phcg 321; 6 hours of behavioral/social sciences; 9 hours of humanities and fine arts, with at least 3 hours from each area.

### **Course Requirements**

The first professional year (P3) requirements include Phcl 341 and 342 (Human Physiology/Pathophysiology), Phar 330 (Pharmaceutical Calculations), Phar 331 and 332 (Basic Pharmaceutics); Phad 391 and 392 (Pharmacy Administration); Medc 317 (Pharmacogenetics and Pharmacoinmunology); Phad 490 (Professional Communications), Prct 453 (Practice Skills Laboratory I), Prct 454 (Prct Skills Laboratory II).

In addition students must complete two one-week, full-time rotations, Prct 475 (Distributive Introductory Pharmacy Practice Experience), Prct 476 (Selective Introductory Pharmacy Practice Experience), prior to the P4 year. These experiences will normally occur at a traditional community and traditional institutional practice site, although one rotation can occur at a nontraditional site. However, both rotations cannot occur in either traditional community, traditional institutional, or nontraditional sites. Completion of these experiences will occur either during the final week of the fall semester and during the Maymester. Each of these courses is 1 credit hour.

The second professional year (P4) didactic course requirements include Phcl 443 and 444 (Basic and Clinical Pharmacology); Medc 416 and 417 (Introduction to Principles of Medicinal Chemistry); Phcg 421 (Pathogenesis and Etiology of Infectious Diseases); Phcg 422 (Natural Product-derived Pharmaceuticals); Phad 493 (Management); Phad 490 (Professional Communications in Pharmacy); Phad 491 (Pharmacy Law); Phar 434 (Biopharmaceutics/Pharmacokinetics); Prct 450, 451, and 452 (Pharmacy Practice).

In addition students must complete two experiential courses, Prct 477 (Institutional Pharmacy Practice II) and Prct 478 (Community Pharmacy Practice II) during the winter intersession and Maymester.

## **Track - Practice**

### **Description**

Completion of the B.S.P.S. practice track (P4 year) is prerequisite for admission into the Pharm.D. program.

### **Goals/Mission Statement**

The practice track curriculum is designed to provide sufficient background in the various pharmaceutical science disciplines to prepare the student for entry into advanced professional course work leading to the entry-level practice degree, Pharm.D.

### **Course Requirements**

The practice track curriculum for those wishing to pursue the Doctor of Pharmacy degree must be satisfied by completing two two-week, full-time rotations, Prct 475 and Prct 476, prior to the P4 year. These experiences will normally occur at a traditional community and traditional institutional practice site, although one rotation can occur at a nontraditional site. However, both rotations cannot occur in either traditional community, traditional institutional, or nontraditional sites. Completion of these experiences can occur either during a winter intersession (with official enrollment during the spring semester) or during the summer (with official enrollment in the second summer term). Each of these courses is one credit hour.

The traditional didactic course requirements include Phcl 443 and 444 (Basic and Clinical Pharmacology); Medc 416 and 417 (Introduction to Principles of Medicinal Chemistry); Phcg 421 (Pathogenesis and Etiology of Infectious Diseases); Phcg 422 (Natural Product-derived Pharmaceuticals); Phad 493 (Management); Phad 490 (Professional Communications in Pharmacy); Phad 491 (Pharmacy Law); Phar 434 (Biopharmaceutics/Pharmacokinetics); Prct 450, 451 and 452 (Pharmacy Practice).

### **Other Academic Requirements**

Refer to academic requirements under the B.S.P.S. degree program.

### **Degree Requirements**

The academic regulations for this degree program, as entered in the University of Mississippi Catalog, are in effect for the current or selected academic year and semester. The University of Mississippi reserves the right to 1) change or withdraw courses; 2) change rules for registration, instruction, and graduation; and 3) change other regulations affecting the student body at any time.

### **General Education**



REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Bisc 160</a> - C min	3	Complete <a href="#">Bisc 160</a> with a grade of C or better.
<a href="#">Bisc 161</a> - C min	1	Complete <a href="#">Bisc 161</a> with a grade of C or better.
<a href="#">Bisc 162</a> - C min	3	Complete <a href="#">Bisc 162</a> with a grade of C or better.
<a href="#">Bisc 163</a> - C min	1	Complete <a href="#">Bisc 163</a> with a minimum grade of C.
<a href="#">Chem 105</a> - C min	3	Complete <a href="#">Chem 105</a> with a grade of C or better.
<a href="#">Chem 106</a> - C min	3	Complete <a href="#">Chem 106</a> with a grade of C or better.
<a href="#">Chem 115</a> - C min	1	Complete <a href="#">Chem 115</a> with a grade of C or better.
<a href="#">Chem 116</a> - C min	1	Complete <a href="#">Chem 116</a> with a grade of C or better.
<a href="#">Chem 221</a> - C min	3	Complete <a href="#">Chem 221</a> with a grade of C or better.
<a href="#">Chem 222</a> - C min	3	Complete <a href="#">Chem 222</a> with a grade of C or better.
<a href="#">Chem 225</a> - C min	1	Complete <a href="#">Chem 225</a> with a grade of C or better.
<a href="#">Chem 226</a> - C min	1	Complete <a href="#">Chem 226</a> with a grade of C or better.
<a href="#">Econ 202</a> - C min	3	Complete <a href="#">Econ 202</a> with a grade of C or better.
First Year Writing I - C min	3	Complete <a href="#">Writ 101</a> , <a href="#">100</a> , or <a href="#">Hon 101</a> with a grade of C or better.
First Year Writing II - C min	3	Complete <a href="#">Writ 102</a> , <a href="#">Liba 102</a> , or <a href="#">Hon 102</a> with a grade of C or better.
Statistics - C min	3	Complete either <a href="#">Math 115</a> or <a href="#">Psy 202</a> with a grade of C or better.
<a href="#">Math 261</a> - C min	3	Complete <a href="#">Math 261</a> with a grade of C or better.
<a href="#">Spch 102/105</a> - C min	3	Complete either <a href="#">Spch 102</a> or <a href="#">Spch 105</a> with a grade of C or better.
3 hrs fine arts	3	Complete 3 hours in the area of fine or performing arts. Choose from art history, music, dance, and theatre arts. Studio and workshop courses cannot be used to satisfy this requirement. Acceptable freshman or sophomore-level courses are: <a href="#">AH 101</a> , <a href="#">AH 102</a> , <a href="#">AH 201</a> , <a href="#">AH 202</a> ; Music 101, Music 102, Music 103, Music 104, Music 105; Dance 200; and Theatre 201.
3 hrs humanities	3	Successfully complete 3 CRH in one of the following areas: African American studies; classical civilization; Gender Studies 103, 201, 333, 311, 390; philosophy; religion; Southern Studies 101, 102; modern language; English; history; or <a href="#">Hon 101</a> , <a href="#">102</a> .
6 hrs social science	6	Successfully complete 6 hours in anthropology, economics, <a href="#">JOUR 101</a> , political science, psychology or sociology.
<a href="#">Phys 213,214</a> ,lab (C min)	8	Complete the following courses and labs with a grade of C or better: <a href="#">Phys 213</a> , <a href="#">Phys 214</a> , <a href="#">Phys 223</a> , and <a href="#">Phys 224</a> .
Add'l humanities/fine art	3	Successfully complete an additional 3 semester hours from the humanities electives or the fine/performing arts electives.

### Major Requirements

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Medc 317</a> - C min	3	Complete <a href="#">Medc 317</a> with a grade of C or better.
<a href="#">Phad 391</a> - C min	3	Complete <a href="#">Phad 391</a> with a grade of C or better.
<a href="#">Phad 392</a> - C min	3	Complete <a href="#">Phad 392</a> with a grade of C or better.
<a href="#">Phar 330</a> - C min	1	Complete <a href="#">Phar 330</a> with a grade of C or better.
<a href="#">Phar 331</a> - C min	3	Complete <a href="#">Phar 331</a> with a grade of C or better.
<a href="#">Phar 332</a> - C min	3	Complete <a href="#">Phar 332</a> with a grade of C or better.
<a href="#">Phcl 341</a> - C min	3	Complete <a href="#">Phcl 341</a> with a grade of C or better.
<a href="#">Phcl 342</a> - C min	3	Complete <a href="#">Phcl 342</a> with a grade of C or better.
<a href="#">Phcl 343</a> - C min	3	Complete <a href="#">Phcl 343</a> with a grade of C or better.
<a href="#">Phil 326</a> - C min	1	Complete <a href="#">Phil 326</a> with a grade of C or better.
<a href="#">Prct 350</a> - C min	3	Complete <a href="#">Prct 350</a> with a grade of C or better.
Select a track		Select a track within the BS in Pharmaceutical Science program.



REQUIREMENT	HOURS	DESCRIPTION
Resident Major GPA		Please contact your academic advisor for grade point requirements.
Overall Major GPA		Please contact your academic advisor for grade point requirements.

