

Track - Practice

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B.S. in Pharmaceutical Sciences Description

This degree program is designed to prepare a student for entry into the Pharm.D. professional program.

Minimum Total Credit Hours: 126

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, 330 (Phcl 344), 336, 414 (Phcl 346) 440, 520 (Phcg 321); Chem 105, 115, 106, 116, 221, 225, 222, 226, 473 (Phcl 343); Phys 213, 223, 214, 224; Math 115, 261; Spch 102 or 105; Econ 202; Phil 328 (Phad 395), 6 hours of behavioral/social sciences; 9 hours of humanities and fine arts, with at least 3 hours from each area. Courses listed in parentheses are an acceptable alternative to the immediate preceding courses.

Course Requirements

The first professional year (PY1) requirements include Phcl 341 and 342 (Pathophysiology), Phar 330 (Pharmaceutical Calculations), Phar 331 and 332 (Basic Pharmaceutics); Phad 391 and 392 (Health Care Systems); Prct 350 (Drug Information); Medc 317 (Pharmacogenetics and Pharmacoinmunology); Phad 390 (Professional Communications), Phcl 334 (Pharmacokinetics), Prct 353, 354 (Practice Skills Development), Prct 375, 376 (Introductory Pharmacy Practice Experiences) and 3 professional electives.

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
Bisc 160 - C min	3	Complete Bisc 160 with a grade of C or better.
Bisc 161 - C min	1	Complete Bisc 161 with a grade of C or better.
Bisc 162 - C min	3	Complete Bisc 162 with a grade of C or better.
Bisc 163 - C min	1	Complete Bisc 163 with a minimum grade of C.
Chem 105 - C min	3	Complete Chem 105 with a grade of C or better.
Chem 106 - C min	3	Complete Chem 106 with a grade of C or better.
Chem 115 - C min	1	Complete Chem 115 with a grade of C or better.
Chem 116 - C min	1	Complete Chem 116 with a grade of C or better.



REQUIREMENT	HOURS	DESCRIPTION
Chem 221 - C min	3	Complete Chem 221 with a grade of C or better.
Chem 222 - C min	3	Complete Chem 222 with a grade of C or better.
Chem 225 - C min	1	Complete Chem 225 with a grade of C or better.
Chem 226 - C min	1	Complete Chem 226 with a grade of C or better.
Econ 202 - C min	3	Complete Econ 202 with a grade of C or better.
First Year Writing I - C min	3	Complete Writ 101 , 100 , or Hon 101 with a grade of C or better.
First Year Writing II - C min	3	Complete Writ 102 , Liba 102 , or Hon 102 with a grade of C or better.
Statistics - C min	3	Complete either Math 115 or Psy 202 with a grade of C or better.
Math 261 - C min	3	Complete Math 261 with a grade of C or better.
Spch 102/105 - C min	3	Complete either Spch 102 or Spch 105 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: AH 101 , AH 102 , AH 201 , AH 202 ; 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 Hon 101 , 102 .
6 hrs social science	6	Successfully complete 6 hours in anthropology, economics, JOUR 101 , political science, psychology or sociology.
Phys 213,214 .lab (C min)	8	Complete the following courses and labs with a grade of C or better: Phys 213 , Phys 214 , Phys 223 , and Phys 224 .
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
See Advisor for add'l requirements		Please contact your advisor for additional requirements for the BS in Pharmaceutical Science.
Select a track		Select a track within the BS in Pharmaceutical Science program.
Resident Major GPA		Please contact your academic advisor for grade point requirements.
Overall Major GPA		Please contact your academic advisor for grade point requirements.

