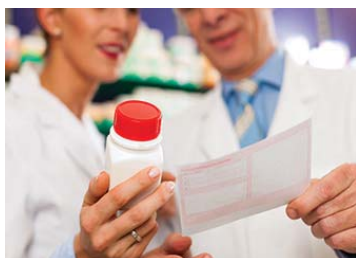


PHARMACY



A career in pharmacy is much more than counting pills. Pharmacists provide pharmaceutical care to millions in patient-centered, outcome-driven settings. As a member of the total health care management team, the pharmacist is uniquely qualified and positioned to positively impact patient outcomes. With thousands of prescription and over-the-counter drugs being sold in the U.S., the pharmacy has evolved into a consultation center where patients learn more about their medications and ways to increase safety and effectiveness of treatments. Providing excellent care is further challenged by the fact that many patients take a variety of drugs and see several health care specialists, placing the pharmacist in the critical position to monitor and advise both patients and physicians.

Pharmacists work in a wide range of settings. While the retail pharmacy may be the most familiar setting (65%), pharmacists also work in hospitals (22%), research facilities, home health care, compounding pharmacies, veterinary, mail order, government and nuclear pharmacy settings. The American Pharmacists Association provides Career Option Profiles which discuss not only the characteristics of each career setting, but also provide survey results from pharmacists about working conditions and duties.



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TEXAS A&M
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**NUTRITION &
FOOD SCIENCE**
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PHARMACY SCHOOL



**NUTRITION &
FOOD SCIENCE**
TEXAS A&M UNIVERSITY

PREREQUISITES

Although a bachelor's degree is not currently required, over half of new pharmacy students do possess one at the time of enrollment, and some school 'prefer' those with a degree. Texas A&M does not have a designated pre-pharmacy major, so students have the luxury to choose from over 150 major fields of study. Most students select majors which include the science prerequisites and which provide an alternate career choice. However, please note that you are responsible for gaining approval for any alternate course. Also, courses you are responsible for ensuring that courses taken at another school will be acceptable by the pharmacy school.

	Texas A&M HSC Kingsville	Texas Southern Univ Houston	Texas Tech HSC Amarillo and Abilene	Univ of Houston Houston	Univ. of the Incarnate Word San Antonio	Univ of North Texas HSC Fort Worth	Univ of Texas Austin
Biology	Biol 111 AND Biol 112						
Chemistry	Chem 101/111 and Chem 102/112 and Chem 227/237 and Chem 228/238						
Physics	Phys 201						
Microbiology	Biol 351 or Vtpb 405	Biol 351	Biol 351 or Vtpb 405	Biol 351 or Vtpb 405	Biol 351 or Vtpb 405	4 hrs	Biol 351 or Vtpb 405
Other biological Sciences	Gene 301	Biol 319 and Biol 320	3 hours. See TxTech note		(Biol 319 & 320) OR (Vibs 305 & Vtpp 423)	3 hr anatomy and 3 hr genetics	Gene 301
Math	Math 131, 147, 151 or 171	Math 150 and Math 151	Math 131, 147, 151, or 171	Math 131, 147, 151, or 171	Math 131, 147, 151 or 171	Calculus I	Two Semesters of Calculus
Statistics	Stat 301, 302 or 303	Stat 302	Stat 302 or 303	Stat 301, 302 or 303	Stat 302	3 hrs	Stat 302
English	Engl 104 and (Engl 203 or 210 or 241 or 301). (6 hr total)	Engl 104 and Engl 203 and Soph. Lit* (9 hr total)			Engl 104 and (Engl 210 or 301) and soph lit.* 9 hr total	6 hours, plus soph lit* (9 hr total)	Engl 104 and soph. lit.* 6 hr total
Public Speaking	Comm 203	Comm 203	Comm 203	Comm 203		Recommended Comm 203	
Social Science		3 hrs of Psc, Soci, or Econ	Econ 202 or 203	Psyc 107 or Soci 205	3 hours of Anth, Econ, Psyc, Soci		
Other		1 hr Med. Terminology; 3 hr computer science			Recommend Bich 410	See UNT HSC note	

* For further information regarding specific programs, please go to opsa.tamu.edu to find the most up to date and detailed requirements.

UNT HSC note: The pre-pharmacy advisor has submitted courses to UNTHSC for approval. These courses are the same as those accepted by other pharmacy schools.

All prerequisites and information are subject to change at any time and without notice. It is the responsibility of the applicant to remain up to date on all requirements for their TAMU major and their desired program.

CURRICULUM IN NUTRITIONAL SCIENCES GENERAL NUTRITION TRACK

University Core Curriculum**

Citizenship

- _____ Am. History Elective (3)
(TCCN: HIST 1301)
- _____ Am. History Elective (3)
(TCCN: HIST 1302)
- _____ POLS 206 (3)
(TCCN: GOVT 2305)
- _____ POLS 207 (3)
(TCCN: GOVT 2306)

Communication

- _____ ENGL 104 (3)
(TCCN: 1301)
- _____ ENGL 210 (3)
(TCCN: 2311 accepted)

Natural Sciences

- _____ CHEM 101/111 (4)
(TCCN: 1411)
- _____ CHEM 102/112 (4)
(TCCN: 1412)

Language, Philosophy, and Culture

- _____ Language, Philosophy and Culture Elective (3)

Mathematics and Statistics

- _____ MATH 141 (3)
(TCCN: 1324)
- _____ MATH 142 (3)
(TCCN: 1325)
- _____ STAT 302 (3)
(must be taken at TAMU)

Social & Behavioral Sciences

- _____ Social & Behavioral Science Elective (3) PSYC 107

Creative Arts

- _____ Creative Arts Elective (3)

International & Cultural

- _____ Diversity 3 hours
- _____ Diversity 3 hours
(can be used to satisfy other requirements)

Writing Intensive Credits (must be NUTR/2 required)

1. NUTR 481
2. NUTR 430 or NUTR 469

Science Courses (Credit hrs)

Anatomy/Physiology

- _____ BIOL 319 (4)
*** (Cannot substitute BIOL 2401)
- _____ BIOL 320 (4)
*** (Cannot substitute BIOL 2402)

Biochemistry

- _____ BICH 410 (3)
- _____ BICH 411 (3)

Biology and Genetics

- _____ BIOL 111 (4)
(TCCN: 1406)
- _____ BIOL 112 (4)
(TCCN: 1407)
- _____ GENE 301 (4)

Chemistry

- _____ CHEM 227 (3)
(TCCN: 2423)
- _____ CHEM 237 (1)
(TCCN: 2423)
- _____ CHEM 228 (3)
(TCCN: 2425)

Required Nutrition/Food Science Courses

- _____ BIOL 351 (4)
- _____ NUTR 203 (3)
- _____ NUTR 210 (2)
- _____ NUTR 301 (3)
- _____ NUTR 430 (3)
- _____ NUTR 470 (3)
- _____ NUTR 481 "C" (1)
- _____ NUTR Elective (3)***
- _____ NUTR Elective (3)***

Technical Electives (9 hrs total)

- _____ Approved Electives (3)****
- _____ Approved Electives (3)****
- _____ Approved Electives (3)****

Free Electives (9 hrs total)

- _____ Free Electives
- _____ Free Electives
- _____ Free Electives

A total of 120 hours is required for graduation; 36 hours of 300/400 level courses are required at TAMU.

*Catalog should correspond with your first semester.

**University Core Curriculum.

***Students may choose from NUTR 211, 369 "W", 410, 405, 415, 430 "W", 440, 450, 471, 485, 489.

****Approved Electives – CHEM 238, PHYS 201, PHYS 202, CHEM 315 and 318, BIOL 413 or 414, MGR 352 or 360, VTPP 425, COMM 203, 315, or 325, PSYC 306, PSYC 307, BICH 431, HLTH 354

***** Student may choose to take biomedical anatomy and physiology. Choose VIBS 305 and VTPP 423