

## Texas A&M University Prerequisites for Northwestern State University

TAM Course Pre-req	Course Name	NSULA Equivalent
CHEM 101/111	General Chemistry I (4 hrs.)	CHEM 1030/1031
CHEM 102/112	General Chemistry II (4 hrs.)	CHEM 1040/1041
CHEM 227/237	Organic Chemistry I (4 hrs.)	CHEM 3010/3011
CHEM 228/238	Organic Chemistry II (4 hrs.)	CHEM 3020/3021
BIOL 213 or GENE 302, 302. 320	Molecular Biol or Genetics (3-4 hrs.)	BIOL 4300/4301 or 3270/3271
BIOL 351	Microbiology (4 hrs.)	BIOL 2060/2061
BIOL 111	General Biology I (4 hrs.)	BIOL 1010/1011
BIOL 112	General Biology II (4 hrs.)	BIOL 1020/1021
PHYS 201 Or 218	Physics (4 hrs.)	PHYS 2030/2031
MATH 147, 151, 172	Calculus I (3 hrs.)	MATH 2100
STAT 201, 211, 302	Statistics (3 hrs.)	MATH 2050
COMM 203	Speech (3 hrs.)	COMM 2010
ENG 103, 104	English Composition I ( 3 hrs.)	ENGL 1010
ENG 203, 210	English Composition II (3 hrs.)	ENGL 1020
POLS 206 and 20	Political Science (6 hrs.)	
HIST 105 and 106	History (6 hrs.)	
	Art, Music, Theater (3 hrs.)	
	Psychology, Sociology, Economics, Computer Science (3 hrs.)	
	Humanities, Literature, Philosophy, Modern or classical Language/Literature, Anthropology, Geography, or Cultural Studies (6 hrs.)	
	*Immunology, Pathophysiology, Molecular Biology	Biol 4190/4291, 4280, 4300/4301

### \*Recommended courses

To be considered for admission into the Doctor of Pharmacy program at the Texas A&M Rangel College of Pharmacy, applicants are required to complete a minimum of 74 semester credit hours of prerequisite coursework at an accredited college or university. Applications lacking one or more prerequisites are considered if the applicant is enrolled in, or plans to enroll in, courses that fulfill missing prerequisites. If accepted into the program, all missing prerequisites must be satisfactorily completed (i.e., earn a C grade or higher) by summer session I in the year of matriculation.

Prerequisite coursework completed five or more calendar years prior to applying must be retaken unless the applicant has earned a bachelor's, master's or doctoral degree. Additionally, a grade of C or higher must be earned in all prerequisite coursework (please note grades of C- are not accepted). If you have questions about these requirements, please contact the Office of Student Affairs at [cop-admissions@pharmacy.tamhsc.edu](mailto:cop-admissions@pharmacy.tamhsc.edu) or (361) 221-0648.

Students seeking admission to the College of Pharmacy must demonstrate the completion of a minimum of 72-75 semester credit hours of pre-pharmacy course work in general education and in the basic physical and biological sciences.; however, the number of students gaining acceptance to Colleges of Pharmacy that complete a baccalaureate degree prior to entry is growing rapidly as the general applicant pool becomes more competitive. The applicant will be evaluated on the quality of overall academic performance, recommendation forms, and interviews. Admission will be on an individual basis, with a cut-off GPA of 2.75 required to be considered. Average GPA of applicants for 2016 was 3.38.

1. A 50% composite Pharmacy College Admission Test (PCAT) score and above will factor into the interview process.

- All pre-pharmacy courses must be completed prior to entering the College if you are accepted (i.e., if you are accepted into the program, your admission is dependent on your completion of the prerequisites before the beginning of the fall class).
- Must be able to meet the College's Technical Standards for Completion of the Curriculum.
- Have a cumulative GPA, as determined by PharmCAS, of 2.75 or higher.
- Complete all prerequisite coursework by Summer Session I in the year of matriculation.
- Earn a composite PCAT score of 40 or higher and a PCAT writing score of 3.0 or greater.
- Submit three PharmCAS recommendation forms.

## Suggested Schedule

Fall			Spring				
Biol 1010-1011 <sup>&amp;</sup>	Biol I	4	Biol 1020-1021 <sup>&amp;</sup>	Biol II	4	Univ core <sup>#</sup>	
Chem 1030-1031 <sup>+</sup>	Gen Chem I	4	Chem 1040-1041 <sup>+</sup>	Gen Chem II	4	Biol core <sup>&amp;</sup>	13
Engl 1010 <sup>#</sup>	Engl I	3	Engl 1020 <sup>#</sup>	Engl II	3	Biol conc <sup>%</sup>	32
Math 1020 <sup>#</sup>	Algebra	3	Math 1090 <sup>#</sup>	Trig	3	Biol elect <sup>*</sup>	11
Univ 1000 <sup>#</sup>	Orient	1				Gen elect <sup>@</sup>	22
		<b>15</b>			<b>14</b>		
Biol 2060-2061 <sup>%</sup>	Micro	4	Engl 2110 <sup>#</sup>	Lit	3	Total	<b>120</b>
Biol 3310-3311 <sup>%</sup>	A&P I	4	Biol 3320-3321 <sup>%</sup>	A&P II	4		
Chem 3010-3011 <sup>@</sup>	Org Chem I	5	Chem 3020-3021 <sup>@</sup>	Org Chem II	5		
Comm 1010 <sup>@</sup>	Speech	3	Biol 2020-2021 <sup>&amp;</sup>	Biol III	4		
		<b>16</b>	<b>PCAT (1<sup>st</sup> attempt)</b>		<b>16</b>		
Biol 4280 <sup>*</sup>	Patho	3	Biol 3250-3251 <sup>%</sup>	Cell	4		
Math 2100 <sup>+</sup>	Calculus	5	Biol 3060 <sup>%</sup>	Biostats	3		
Biol 4350 <sup>%</sup>	Biochem	3	Anth 1510, PoSc 2010, Geog 1010, or Phil 1010 <sup>#</sup>	Soc Sci core	3		
Biol 3270-3271 <sup>%</sup>	Genetics	4	Biol 4190-4191 <sup>*</sup>	Immuno	4		
		<b>15</b>			<b>14</b>		
Econ 2000 <sup>@</sup>	Econ	3	Biol 4900 <sup>&amp;</sup>	Seminar	1		
FA 1040 <sup>#</sup>	Fine Arts	3	Phys 2030-2031 <sup>@</sup>	Physics	4		
Psych 1010 <sup>#</sup>	Psych	3	Biol 4300-4301 <sup>%</sup>	Molecular	4		
Engl 3230 <sup>@</sup>	Tech Writ	3	Biol 3290 <sup>*</sup>	Epidem	3		
Comm 2500 <sup>@</sup>	Interpersonal	3	Hist 1010, 1020, 2010, or 2020 <sup>#</sup>	Hist	3		
<b>Apply to Prof School</b>		<b>15</b>			<b>15</b>		