

California State University, Northridge  
**CSUN Courses Required for Pharmacy School: 2020 Update**

There are 140 Pharmacy schools in the US, and 13 of them are in California.  
 See CSUN's Health Professions Advisor for help planning courses.  
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REQUIRED COURSES	Western	West Coast	USC	KGI	Ketchum	Loma Linda	Chapman	UCSD	Calif Health Sciences	Calif Northstate	Touro	UCSF	Univ of Pacific
LOCATION	LA	LA	LA	LA	OC	IE	OC	SD	Fresno	SF BAY	SF BAY	SF BAY	SF BAY
General Biology Biol 106/L, 107/L	Yes	Yes	Yes	Yes	Yes	Yes	Yes or Biol 101/L	Yes	Yes	Yes		Yes	Yes
General Chemistry Chem 101/L, 102/L	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Organic Chemistry Chem 333/L, 334/L	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Biochemistry Chem 464	Yes or Biol 380		Yes	Yes		Yes or Biol 380				Yes or Biol 380			
Physics		100A/L		100A No lab		100A/L	100A/L	100A/L, 100B		100A No lab			100A/L
Anatomy* Biol 213 lecture Biol 212 lab	213 only	213 only		213/212	213 only		213/212		213 only				
Physiology* Biol 281 lecture Biol 282 lab	281 only	Yes	Yes	Yes	Yes		Yes		281 only	281 only	281 only	281 only	Yes
Microbiology** Biol 215/L or 315/L	Yes		Yes	Yes	Yes		Yes		Yes	Yes	Yes	Yes	Yes
Online Lab OK?	No info on website	No info on website	No online science courses or labs	No info on website	Yes	No lectures or labs online	No info on website	No	No info on website	No	No info on website	No info on website	No info on website
Science Courses Biol 360=Genetics Biol 380=Cell Biology			Recommend 380				360 or 380						

- \*: Anatomy and Physiology Courses: If you are a Biology major or minor, you could also choose to take Biol 382/L & 383 /L to complete Anatomy & Physiology.
- \*\*: Microbiology Courses: Biol 215/L (Intro to Microbiology) requires only Biol 101/L & Chem 102/L as a prerequisites. BIOL 315/L (Principles of Microbiology) requires Biol 106/L & 107/L and Chem 102/L as prerequisites.

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LOCATION	LA	LA	LA	LA	OC	IE	OC	SD	Fresno	SF BAY	SF BAY	SF BAY	SF BAY
Calculus (255A/255B or 150A/150B)	150A ONLY	255A or 150A	255A or 150A	255A or 150A	255A or 150A		255A or 150A	255A/255B or 150A/150B	255A or 150A	255A or 150A	255A or 150A	255A or 150A	255A or 150A
Statistics Math 140		Yes	Yes or HSCI 390/L Online Stats OK	Yes			Yes			Yes		Yes	
Writing 113B, 114B, 115	Yes	Yes		Yes			Yes	Yes		Yes		Yes	Yes
Additional English	208, 215, 255, 306 (or Phil 200)	255		255				255		215 or 255		255	255
Public Speaking 151	Yes	Yes		Yes	Yes		Yes	Yes	Yes	Yes		Yes	Yes
Intro Psychology 150	Yes	Yes		Yes	Yes		Yes or Soc 150	Yes or Soc 150 or Anth 152	Yes	Yes		Yes or Soc 150 or Anth 152	Yes
Economics 160	Yes	Yes		Yes	Yes		Yes	Yes	Yes	Yes		Yes	Yes
Additional GE (Humanities, Social Science)		6 u								6u		9u	

- \*\*\*: Several Schools require additional GE courses if you will not be earning a bachelors degree before matriculation:
  - Loma Linda: 12 units Soc/Behav Sciences, 12 units Arts & Humanities, 6 units English
  - Ketchum: 6 units English and 3 units of extra Social Science courses
  - UOP: Global Studies (Anth 152), Worldviews & Ethics (Phil 150), Visual & Performing Arts (Art 110)
- #: Loma Linda requires a letter from pastor, clergy or spiritual advisor.

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FREQUENTLY ASKED QUESTIONS	Western	West Coast	USC	KGI	Ketchum	Loma Linda	Chapman	UCSD	Calif Health Sciences	Calif Northstate	Touro	UCSF	Univ of Pacific
LOCATION	LA	LA	LA	LA	OC	IE	OC	SD	Fresno	SF BAY	SF BAY	SF BAY	SF BAY
Minimum GPA to apply?	Prefer 2.75	Prefer 2.5	3.0 req	No info on website	No, suggest 3.0	2.75	Suggest 3.0	3.0 required	Prefer 2.7	Min 2.6	2.75	2.8 required	Min 2.7
Bachelor Degree Required?	No but preferred	No	Yes	No	No but preferred	No but preferred	No	Yes	No but preferred	No but preferred	No	No	No
Prereqs must be	C or above	C or above	No info on website	C or above	C or above	C or above	C or above	GPA 3.0 minimum	C- or above	C- or above	C or above	C or above	C or above
Courses Expire in:	Science courses and any AP within 10 years	Courses within 10 years	Physiology, Microbiology, Organic & Biochem done within 9 years	Science courses less than 10 years old	No info on website	No info on website	No info on website	Science courses within 10 years	No info on website	Science courses must be less than 9 years old	No info on website	No info on website	Organic Chem & Bio within 7 years unless advanced courses taken recently
AP Courses Accepted?	Yes	No info on website	Stats, Calc, 1 semester Biol only	No info on website	Only for 1 non-science course	Only for 1 semester of Biol	Yes, check website for min scores	Yes	No info on website	Yes, score of 3 or above	Yes	Yes, see website for minimum scores	No info on website
PCAT Required?	No	No	No	No	No	No	Yes	No	No	No, but preferred	No	Optional, will be considered if taken	No
Can prereqs be in progress during application?	Yes, done by end of Spring	Yes, done by end of Spring	Yes, done by end of Spring	No info on website	No info on website	Yes, done by end of Spring	Yes, done by end of Spring	Yes, done by end of summer	Yes, done by 7/31	Yes, must be done by Summer of matric year	Yes, done by final week of July of matric year	Yes, done by July 1 of matric year	Yes, done by end of summer
Application Deadline (A)= apply year (M)= matriculation year	March (M)	June (M)	Dec (A)	June(M)	June (M)	April (M)	June (M)	Dec (A)	March (M)	June (M)	April (M)	Nov(A)	Jan (M)