There are 140 Pharmacy schools in the US, and 15 of them are in California.

See CSUN’s Health Professions Advisor for help planning courses.

Dr Terri Richardson, CR 5104 [terri.richardson@csun.edu](mailto:terri.richardson@csun.edu) (818) 677-7305

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| REQUIRED COURSES | Western | West Coast | USC | KGI | American Univ Health Sciences | Ketchum | UC Irvine | Chapman | Loma Linda | UCSD | Calif Health Sciences | Calif Northstate | Touro | UCSF | Univ of Pacific |
| LOCATION | LA | LA | LA | LA | LA | OC | OC | OC | IE | SD | Fresno | SF BAY | SF BAY | SF BAY | SF BAY |
| General Biology  Biol 106/L, 107/L | 106/L | Yes | Yes | Yes | Yes | Yes | 106/L or 107/L | Yes | Yes | Yes | Yes | Yes | None | Yes | Yes |
| General Chemistry  Chem 101/L, 102/L | Yes | Yes | 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 (done at time of app) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Biochemistry | CHEM 365 or CHEM 464 at CSUN or CHEM XL153A at UCLA Extension  BIOL 380 is an alternative to Biochem | CHEM 365 or CHEM 464 at CSUN or CHEM XL153A at UCLA Extension | CHEM 464 at CSUN or UCLA XL153A  **Will not accept CHEM 365 at CSUN** | CHEM 365 or CHEM 464 at CSUN or CHEM XL153A at UCLA Extension |  | Biochem  preferred | CHEM 365 or CHEM 464 at CSUN or UCLA XL153A |  |  |  |  |  |  |  |  |
| Physics |  | 100A/L preferred |  | 100A, No lab |  |  |  | 100A/L | 100A/L | 100A/L, 100B |  |  |  |  | 100A/L |
| Anatomy  Biol 211 or 213 lecture  Biol 212 lab  Or Biol 382/L & 383/L |  | Either |  | 213/212 or  382/L, 383/L | Either | Either |  | 213/212 or  382/L, 383/L |  |  |  |  |  |  |  |
| Physiology  Biol 281 lecture  Biol 282 lab  Or Biol 382/L & 383/L | Lecture only required, either option OK | Either | Either | Either | Either | Either | Either | Either |  |  | Lecture only required, either option OK | Lecture only required, either option OK | Lecture only required, either option OK | Lecture only required, either option OK | Either |
| Microbiology  Biol 215/L or 315/L | Yes | Yes | Yes | Yes | Yes | Yes |  | Yes |  |  | Yes |  | Yes | Yes | Yes |
| Online Lab OK? | Website info not clear, contact school to confirm online lab OK | No info on website | Yes | No info on website | Yes | Yes | OK through SUM 21 | Contact to confirm online courses accepted past SUM 21 | OK through FALL 21 | OK if in person labs are not offered | Yes | OK through SUM 21 | Yes | Yes | OK through SUM 21 |

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| REQUIRED COURSES | Western | West Coast | USC | KGI | American  Univ Health Sciences | Ketchum | UC Irvine | Chapman | Loma  Linda | UCSD | Calif Health Sciences | Calif  Northstate | Touro | UCSF | Univ of Pacific |
| LOCATION | LA | LA | LA | LA | LA | OC | OC | OC | IE | 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 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 140SCI, 140BUS or 141/L | Pick one: Economics or Statistics | Yes | Yes or HSCI 390/L | Yes | Yes |  | Yes | Yes |  |  |  |  |  | Yes |  |
| Writing 113B, 114B, 115 | Yes | Yes |  | Yes | Yes |  | Yes | Yes | Yes if not earning bachelor degree | Yes |  | Yes |  | Yes | Yes |
| Additional English | 208, 215, 305, 306  (or Phil 200) | Any additional  3 units |  | Any additional  3 units |  |  |  |  | Yes if not earning bachelor degree | Any additional 3 units |  | Any additional 3 units |  | 208, 215, 255, 300, 305, 311, 371 | 255, 305, 306 |
| Public Speaking 151 | Pick One: Speech or PSY 150 | Yes or Interpersonal |  | Yes | Yes | Yes or Interpersonal | Yes | Yes |  | Yes |  |  |  | Yes | Yes |
| Intro Psychology 150 |  | Yes or Soc 150 |  | Yes or SOC 150 | Yes  or SOC 150 | Yes | Yes | Yes or Soc 150 | Yes if not earning bachelor degree | Yes or  Soc 150 or Anth 152 |  |  |  | Yes or  Soc 150 or Anth 152 | Yes |
| Economics  Micro (160)  Macro (161) | Pick one: Economics or Statistics | Either |  | Either | Either | Either | Either | Either | Yes if not earning bachelor degree | Either | Either |  |  | Either | Micro OK if student has bachelor degree, Macro only if no bachelor degree |
| Additional GE (Humanities, Social Science, History, Political Science) |  | 6 units |  |  | 6 units |  |  | 6 units  Soc 150 & History suggested | 18 units if not earning bachelor degree |  | 6 units  Psy 150 & Speech suggested | 6 units  Psy 150 & Econ suggested |  | 19 units |  |

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| FREQUENTLY ASKED QUESTIONS | Western | West Coast | USC | KGI | American Univ Health Sciences | Ketchum | UC Irvine | Chapman | Loma Linda | UCSD | Calif Health Sciences | Calif Northstate | Touro | UCSF | Univ of Pacific |
| LOCATION | LA | LA | LA | LA | LA | OC | OC | OC | IE | SD | Fresno | SF BAY | SF BAY | SF BAY | SF BAY |
| Minimum GPA to apply? | Prefer 2.75 | Prefer 2.5 | 3.0 required | None listed | Prefer 2.5 | Prefer 3.0 |  | Prefer 3.0 | Prefer  2.75 | 3.0 required | Prefer 2.5 | 2.6 but  Prefer 2.7 | 2.75 | 2.8 required | 2.7 required |
| Bachelor Degree Required? | No but preferred | No | Yes | No | No but preferred | No but preferred | Yes | No | No but preferred | Yes | No | No | No but Preferred | No | No but preferred |
| Minimum grade in prereq courses | C | C | C | C | C | C | C | C | C | 2.8 GPA in science prereqs | C | C- | C | C | C |
| Prerequisite  Courses Expire in: | Prefer 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 | 10 years | No info on website | No info on website | Science courses within 10 years | No info on website | No info on website | No info on website | No info on website | Organic Chem & General Bio within 7 years |
| AP Courses Accepted? | Yes | No info on website | No info on website | No info on website | No info on website | Only for 1 non-science course | Yes | Score 5 OK BIOL  Score 4 OK ENGL, STATS ECON  Score 3 OK PSY | Only for 1 semester of Biol | Score 4 or 5 OK PSY, ENGL | No info on website | No info on website | Yes | No info on website | Score 4 or 5 OK CALC, ENGL, ECON, PSY, PHYS |
| PCAT Required? | No | No | No | No | Recommend within 2 years of applying | Required if no bachelor degree | No | Optional, take no later than March before starting program | No | No | No | No | No | Optional, recommended if GPA is near 2.8 | No |
| Can prereqs be in progress while applying? | Yes, done by end of Spring | Yes, done by end of Spring | Yes, done by 6/30 before starting program | Yes, done by start of program | No info on website | Yes, done by start of program | Yes (except Organic Chem) done by Aug 5 before starting program | Yes, done by end of Spring before starting program | Yes, done by end of Spring before starting program | Yes, done by end of summer before starting program | Yes, done by 7/31 before starting program | Yes, done by start of program | Yes, done by start of program | Yes, done by 7/1 before starting program | Yes, done by end of summer before starting program |
| Priority Deadline | None | None | Dec 2021 | Dec 2021 | None | March 2022 | None | Oct 2021 | None | None | Feb 2022 | Oct 2021 | March 2022 | None | Nov 2021 |
| Final Deadline | March 2022 | June 2022 | Feb 2022 | June 2022 | June 2022 | June 2022 | Feb 2022 | March 2022 | May 2022 | Dec 2021 | May 2022 | June 2022 | June 2022 | Nov 2021 | Feb 2022 |
| Length of Program | 4 years | 4 years | 4 years | 4 years | 3 years | 4 years | 4 years | 3 years | 4 years | 4 years | 3 years | 4 years | 4 years | 3 years | 3 years |