UC School of Pharmacy & Pharmaceutical Sciences

Pharmacy Admission Requirements

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For courses not listed here please contact us at <u>pharmd@uci.edu</u> for evaluation. The email should include the requested information below for evaluation: Name of institution course(s) are planned or completed Course title Direct catalog URL with course description or attached syllabus

UC School of Pharmacy & Pharmaceutical Sciences

Pharmacy Admission Requirements

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State Polytechnic University, Humboldt

Semester	Category	Course
1	General Biology	BIO 105
1	Biochemistry	CHEM 434 OR 435
1	Human Physiology	ZOOL 312
2	General Chemistry w/lab	CHEM 109 (w/lab) <u>AND</u> 110 (w/lab)
2	Organic Chemistry w/lab	CHEM 324, 324L (lab), 325, <u>AND</u> 325L (lab)
1	Calculus	MATH 109 OR 110
1	Statistics	STAT 108 OR PSYC 109
1	English/Writing	ENGL 102 OR 103
1	Macro or Microeconomics	ECON 210
1	Psychology	PSYC 104
1	Public Speaking	COMM 100

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State Polytechnic University, Pomona

Semester	Category	Course
1	General Biology	BIO 1210 OR 1220
1	Biochemistry	CHM 3270 OR 3280
1	Human Physiology	BIOL 2350
2	General Chemistry w/lab	CHM 1210, 1210L (lab), 1220, <u>AND</u> 1220L (lab)
2	Organic Chemistry w/lab	CHM 3140, 3140L (lab), 3150, <u>AND</u> 3150L (lab)
1	Calculus	MATH 1140 OR 1150
1	Statistics	STA 2100 OR 1200
1	English/Writing	ENGL 1103 OR 2105
1	Macro or Microeconomics	EC 2201 OR 2202
1	Psychology	PSY 2201
1	Public Speaking	COM 1100

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State Polytechnic University, San Luis Obispo

Semester	Category	Course
1	General Biology	BIO 161 OR 162
1	Biochemistry	CHEM 313 OR 371
1	Human Physiology	BIO 231 (preferred), 232, 406, 407, 408, OR 409
2	General Chemistry w/lab	CHEM 124 (w/lab), 125 (w/lab), <u>AND</u> 126 (w/lab) OR CHEM 127 (w/lab), 128 (w/lab), <u>AND</u> 129 (w/lab)
2	Organic Chemistry w/lab	CHEM 216 (w/lab), 217, 218, <u>AND</u> 220 (lab), OR CHEM 221 (lab) <u>AND</u> 223 (lab), OR CHEM 324 (lab)
1	Calculus	MATH 141, MATH 142, MATH 161, OR MATH 162
1	Statistics	STAT 217, 218, 221, 251 OR 312
1	English/Writing	ENGL 134 OR ENGL 145
1	Macro or Microeconomics	ECON 221 OR ECON 222
1	Psychology	PSY 201
1	Public Speaking	COMS 101

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State University, Bakersfield

Semester	Category	Course
1	General Biology	BIOL 2010 OR 2110
1	Biochemistry	CHEM 3400
1	Human Physiology	BIOL 2220 OR 3550
2	General Chemistry w/lab	CHEM 1000, 1001 (lab), <u>AND</u> 3100 (w/lab)
2	Organic Chemistry w/lab	CHEM 3300, 3301 (lab), 3310, <u>AND</u> 3311 (lab)
1	Calculus	MATH 2010 OR 2020
1	Statistics	MATH 2200 OR PSYCH 2018
1	English/Writing	ENGL 1100 OR 1109
1	Macro or Microeconomics	ECON 2018 OR 2028
1	Psychology	PSYC 1018
1	Public Speaking	COMM 1008

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State University, Channel Islands

Semester	Category	Course
1	General Biology	BIOL 200 OR 201
1	Biochemistry	CHEM 460
1	Human Physiology	BIOL 210 OR 211
2	General Chemistry w/lab	CHEM 121 (w/lab) <u>AND</u> 122 (w/lab)
2	Organic Chemistry w/lab	CHEM 311, 312 (lab), 314, <u>AND</u> 315 (lab)
1	Calculus	MATH 150 OR 151
1	Statistics	MATH 201, MATH 202, BIOL 202, BIOL 203, OR PSY 202
1	English/Writing	ENGL 105 OR 107
1	Macro or Microeconomics	ECON 110
1	Psychology	PSY 100
1	Public Speaking	COMM 101

UC School of Pharmacy & Pharmaceutical Sciences

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Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State University, Chico

Semester	Category	Course
1	General Biology	BIOL 161, BIOL 162, OR BIOL 211
1	Biochemistry	CHEM 451
1	Human Physiology	BIOL 104
2	General Chemistry w/lab	CHEM 111 (w/lab) <u>AND</u> CHEM 112 (w/ lab)
2	Organic Chemistry w/lab	CHEM 270 (w/ lab), CHEM 370, <u>AND</u> CHEM 370L
1	Calculus	MATH 120
1	Statistics	MATH 108, MATH 350, OR PSYC 364
1	English/Writing	ENGL 130PW
1	Macro or Microeconomics	ECON 102 OR ECON 103
1	Psychology	PSYC 101
1	Public Speaking	CMST 131 OR CMST 255

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State University, Dominguez Hills

Semester	Category	Course
1	General Biology	BIO 120, 121, 122, OR 123
1	Biochemistry	CHE 450
1	Human Physiology	BIO 483
2	General Chemistry w/lab	CHE 110 (w/lab) <u>AND</u> 112 (w/lab)
2	Organic Chemistry w/lab	CHE 300, 301 (lab), 302, <u>AND</u> 303 (lab)
1	Calculus	MATH 191 OR 193
1	Statistics	MATH 131
1	English/Writing	ENG 110 OR 111
1	Macro or Microeconomics	ECO 210 OR 211
1	Psychology	PSY 100 OR PSY 101
1	Public Speaking	THE 120

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State University, East Bay

Semester	Category	Course
1	General Biology	BIOL 140A OR 140B
1	Biochemistry	CHEM 441 OR 340
1	Human Physiology	BIO 270 AND 271* *must complete both
2	General Chemistry w/lab	CHEM 111 (w/lab) <u>AND</u> 112 (w/lab)
2	Organic Chemistry w/lab	CHEM 331 (w/lab) <u>AND</u> 332 (w/lab)
1	Calculus	MATH 130 OR 131
1	Statistics	STAT 303
1	English/Writing	ENGL 101 OR 102
1	Macro or Microeconomics	ECON 200 OR 205
1	Psychology	PSY 100
1	Public Speaking	COMM 100

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State University, Fresno

Semester	Category	Course
1	General Biology	BIOL 1A OR 1B
1	Biochemistry	CHEM 150 OR 155A
1	Human Physiology	PHYAN 33, BIO 163, BIOL 67A AND B* *must complete both 67A and B
2	General Chemistry w/lab	CHEM 1A, 1AL (lab), 1B, <u>AND</u> 1BL (lab)
2	Organic Chemistry w/lab	CHEM 128A, 129A (lab), 128B, <u>AND</u> 129B (lab)
1	Calculus	MATH 75 OR 76
1	Statistics	MATH 101 OR PSYCH 42
1	English/Writing	ENGL 5A, 5B, 10, OR 20
1	Macro or Microeconomics	ECON 40 OR 50
1	Psychology	PSYCH 10
1	Public Speaking	COMM 3 OR 5

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State University, Fullerton

Semester	Category	Course
1	General Biology	BIO 151 OR 152
1	Biochemistry	CHEM 432A OR 421 (formerly CHEM 322)
1	Human Physiology	BIO 310 (preferred) OR 362
2	General Chemistry w/lab	CHEM 120A (w/lab) <u>AND</u> 120B (w/lab)
2	Organic Chemistry w/lab	CHEM 301A (lect) <u>AND</u> 302A (lab) OR 306A (lab), <u>AND</u> CHEM 301B (lect) <u>AND</u> 302B (lab) or 306B (lab)
1	Calculus	MATH 130, MATH 150A OR MATH 150B
1	Statistics	MATH 120, 337, 338, OR PSYCH 201
1	English/Writing	ENGL 101 OR 301
1	Macro or Microeconomics	ECON 201 OR 202
1	Psychology	PSYC 101
1	Public Speaking	HCOM 102

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State University, Long Beach

Semester	Category	Course
1	General Biology	BIO 211, 212, OR 213
1	Biochemistry	CHEM 441A OR 448
1	Human Physiology	BIO 207 (preferred) OR BIO 342
2	General Chemistry w/lab	CHEM 111A (w/lab) <u>AND</u> 111B (w/lab)
2	Organic Chemistry w/lab	CHEM 220A, 223A (lab) OR 320L, CHEM 220B <u>AND</u> 223B (lab) OR 320L
1	Calculus	MATH 115, 119A, 119B, 122, OR 123
1	Statistics	BIO 260, PSYC 210, OR STAT 108
1	English/Writing	ENGL 100A, ENGL 100B, ENGL 110B, ASAM 100A OR ASAM 100B
1	Macro or Microeconomics	ECON 100 OR 101
1	Psychology	PSYC 100
1	Public Speaking	COMM 130 OR 131

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State University, Los Angeles

Semester	Category	Course
1	General Biology	BIO 1100 OR 1200
1	Biochemistry	CHEM 4300, 4310, 431A, OR 435
1	Human Physiology	BIOL 2040 (preferred), OR 4330, OR 4340, OR 2010 <u>AND</u> 2020* *If take BIOL 2010 must also complete 2020
2	General Chemistry w/lab	CHEM 1100 (w/lab) <u>AND</u> 1110 (w/lab)
2	Organic Chemistry w/lab	CHEM 2200, 2201 (lab), 3200, <u>AND</u> 2211 (lab)
1	Calculus	MATH 2040, 2050, 2110, OR 2120
1	Statistics	MATH 2740, BIO 3000, MATH 274, ECON 209, BIO 300, OR SOC 31
1	English/Writing	ENGL 1005A OR 1005B
1	Macro or Microeconomics	ECON 2010
1	Psychology	PSYC 1500
1	Public Speaking	COMM 1100 OR 1200

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State University, Monterey Bay

Semester	Category	Course
1	General Biology	BIO 210 OR 211
1	Biochemistry	BIO 310
1	Human Physiology	KIN 370 <u>AND</u> 371
2	General Chemistry w/lab	CHEM 110, 110L (lab), 111, <u>AND</u> 111L (lab)
		CHEM 211, 211L (lab), 312, <u>AND</u> ONE lab or 310L (acceptable)
2	Organic Chemistry w/lab	*Applicants completing Chem 211, 211L and 312 sequences are short of the second semester of org. chem lab. To complete this requirement applications will need to complete a second semester or a 3rd quarter org. chem lab at an alternative institution. Chem 310L is an acceptable substitution from CSUMB
1	Calculus	MATH 150 OR 151
1	Statistics	STAT 100, STAT 200, STAT 250, OR MATH 320
1	English/Writing	HCOM 120, HCOM 200, OR HCOM 211
1	Macro or Microeconomics	BUS 201 OR 202
1	Psychology	PSY 100
1	Public Speaking	HCOM 110

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State University, Northridge

Semester	Category	Course
1	General Biology	BIOL 106 OR 107
1	Biochemistry	CHEM 365, 461, 462, OR 464
1	Human Physiology	BIOL 281 (preferred), 382L, 383L, OR 482L
2	General Chemistry w/lab	CHEM 101, 101L (lab), 102, <u>AND</u> 102L (lab)
2	Organic Chemistry w/lab	CHEM 333, 333L (lab), 334, <u>AND</u> 334L (lab)
1	Calculus	MATH 150A OR 255A
1	Statistics	MATH 140, MATH 340, MSCI 291, OR HSCI 390
1	English/Writing	ENGL 115 OR 161
1	Macro or Microeconomics	ECON 50, ECON 160 OR ECON 161
1	Psychology	PSY 150
1	Public Speaking	COMS 151 OR 225

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State University, Sacramento

Semester	Category	Course
1	General Biology	BIO 1 OR 2
1	Biochemistry	CHEM 161 OR 164
1	Human Physiology	BIO 131, OR 25 <u>AND</u> 26 *If take BIO 25 must also complete BIO 26
2	General Chemistry w/lab	CHEM 1A (w/lab) <u>AND</u> 1B (w/lab)
2	Organic Chemistry w/lab	CHEM 24, 25 (lab), 124 <u>AND</u> 125 (lab)
1	Calculus	MATH 30, 31, OR 26B
1	Statistics	STAT 1 OR 50
1	English/Writing	ENGL 5 OR 20
1	Macro or Microeconomics	ECON 1A OR 1B
1	Psychology	PSYC 2
1	Public Speaking	COMS 2 OR 4

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State University, San Bernardino

Semester	Category	Course
1	General Biology	BIOL 2010 OR 2020 (formerly 200, 201, OR BIO 202)
1	Biochemistry	CHEM 4100, CHEM 4200, CHEM 436A, OR CHEM 437A
1	Human Physiology	BIOL 4630 <u>AND</u> 4640 (formerly BIOL 323 & 324), OR BIOL 2230 <u>AND</u> 2240 (formerly BIOL 223 & 224)
2	General Chemistry w/lab	CHEM 2100, CHEM 2100L (lab), CHEM 2200, <u>AND</u> CHEM 2200L (lab) OR CHEM 215 (w/lab) <u>AND</u> 216 (w/lab)
2	Organic Chemistry w/lab	CHEM 2400, CHEM 2400L, CHEM 2500, <u>AND</u> CHEM 2500L OR CHEM 221A, 221B (lab), 222A, 222B (lab), 223A, <u>AND</u> 223B (lab)
1	Calculus	MATH 2210, MATH 2220, MATH 211 OR MATH 212
1	Statistics	MATH 1201, MATH 2265, PSYC 2210, MATH 262, MATH 305, PSYC 210, MSCI 210, OR SSCI 215
1	English/Writing	ENG 1070A, ENG 3060, ENG 107, OR ENG 306
1	Macro or Microeconomics	ECON 2210, ECON 2202, ECON 200 OR ECON 202
1	Psychology	PSYC 1100 OR PSYC 100
1	Public Speaking	COMM 1006, COMM 1007, COMM 120 OR COMM 180

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

California State University, San Marcos

Semester	Category	Course
1	General Biology	BIOL 210 OR 211
1	Biochemistry	CHEM 341, 351, OR 352
1	Human Physiology	BIOL 321 (preferred), OR 175 <u>AND</u> 176 *If take BIOL 175 must also complete BIOL 176
2	General Chemistry w/lab	CHEM 150, 150L (lab), 160, <u>AND</u> 175 (lab)
2	Organic Chemistry w/lab	CHEM 201, 201L (lab), 202, <u>AND</u> 202L (lab)
1	Calculus	MATH 160 OR 162
1	Statistics	PSYCH 220, BIO 215, BIO 360, MATH 240, OR MATH 242
1	English/Writing	GEW 101B OR LTWR 100 OR 115
1	Macro or Microeconomics	ECON 201 OR 202
1	Psychology	PSYC 100
1	Public Speaking	COMM 200 OR GEO 102

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

San Diego State University

	Catagoriu	C ourse
Semester	Category	Course
1	General Biology	BIOL 203 OR 204
1	Biochemistry	CHEM 365
1	Human Physiology	BIOL 590 (preferred) OR 261 OR 336
2	General Chemistry w/lab	CHEM 200 (w/lab) <u>AND</u> 201 (w/lab)
2	Organic Chemistry w/lab	CHEM 232, 232L (lab), 432, <u>AND</u> 432L (w/lab)
1	Calculus	MATH 124, 150 OR 151
1	Statistics	STAT 119, STAT 250, ECON 201, PSY 270, OR BIOL 215
1	English/Writing	ENGL 100 OR 200
1	Macro or Microeconomics	ECON 101 OR 102
1	Psychology	PSYC 101
1	Public Speaking	COMM 103 OR 160

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

San Francisco State University

Semester	Category	Course
1	General Biology	BIOL 230 OR 240
1	Biochemistry	CHEM 340 OR 349
1	Human Physiology	BIOL 612
2	General Chemistry w/lab	CHEM 115 (w/lab), 215, <u>AND</u> 216 (lab)
2	Organic Chemistry w/lab	CHEM 233, 234 (lab), 335, <u>AND</u> 336 (lab)
1	Calculus	MATH 226 OR 227
1	Statistics	MATH 124
1	English/Writing	ENGL 114 OR 214
1	Macro or Microeconomics	ECON 101 OR 102
1	Psychology	PSYC 200
1	Public Speaking	COMM 150 OR 230

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

San Jose State University

Semester	Category	Course
1	General Biology	BIOL 030 OR 031
1	Biochemistry	CHEM 130A OR 135
1	Human Physiology	BIOL 66 (preferred), OR 124 <u>AND</u> 125 *If take BIOL 124 must also complete BIOL 125
2	General Chemistry w/lab	CHEM 1A (w/lab) <u>AND</u> 1B (w/lab)
2	Organic Chemistry w/lab	CHEM 112A, 113A (lab), 112B, <u>AND</u> 113B (lab)
1	Calculus	MATH 30 OR 31
1	Statistics	MATH 161A, BIO 155, OR STAT 95
1	English/Writing	ENGL 001A OR 001B
1	Macro or Microeconomics	ECON 001A OR 001B
1	Psychology	PSYC 001
1	Public Speaking	COMM 020 OR 040

Applicants must meet general requirements of the UCI Graduate Division. Satisfactory completion of the following required undergraduate credit courses with a preferred cumulative GPA of 3.0 or above.

Sonoma State University

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Semester	Category	Course
1	General Biology	BIOL 130 OR 131
1	Biochemistry	CHEM 446
1	Human Physiology	BIOL 224
2	General Chemistry w/lab	CHEM 115A (w/lab) <u>AND</u> 115B (w/lab)
2	Organic Chemistry w/lab	CHEM 335A, 336A (lab), 335B, <u>AND</u> 336B (lab)
1	Calculus	MATH 161 OR 211
1	Statistics	MATH 165
1	English/Writing	ENGL 100A OR 100B
1	Macro or Microeconomics	ECON 204 OR 205
1	Psychology	PSY 250
1	Public Speaking	COMS 125