HEALTH SCIENCES

LOWER DIVISION MAJOR REQUIREMENTS FOR TRANSFER

The following courses should be taken at OCC. Courses not offered at OCC will need to be taken after transfer. Four-year colleges and universities often make changes in their requirements for majors. The information contained in this guide is based on the most recent information available from the four-year school and does not constitute an official agreement. Recent updates to this Guide can be found on the Transfer Center website at: www.occ.cccd.edu/departments/studentsvcs/transferctr

PRE-DENTISTRY

Most dental schools require a minimum of three years of college (90 semester units) for admission. Most students admitted have a bachelor's degree in a major of their choice. In addition to the requirements for the major, students should complete a pre-dentistry curriculum which usually includes the following courses, all of which can be taken at OCC:

One year of English composition - ENGL 100 & either 101(101H) or 102(102H)
One year of physics - PHYS 120 & 125 or 130 & 135 or 185 & 280
One year of chemistry - CHEM 180 & 185
One year of organic chemistry - 220/221 & 225/226
One year of biology - BIOL 180(180H) & either 182/182L or 185
Introductory psychology - PSYC 100
Mathematics - varies

Note: Students must take these courses for letter grades. AP exams cannot be used to satisfy these course requirements at some schools. Mathematics through calculus is required for admission to some medical schools. Students should consult the appropriate School of Medicine catalog for specific requirements. Schools of Medicine in California include: UC Davis, UC Los Angeles, UC San Diego, UC San Francisco, UC Irvine, University of Southern California, Stanford University and Loma Linda University.

UNIVERSITY OF CALIFORNIA, DAVIS

PRE-VETERINARY MEDICINE

There is a high demand from California residents for admission to the School of Veterinary Medicine, with five to six applications from Californians for each of the 138 openings. Since it is virtually impossible for a California resident to gain admission to a veterinary school elsewhere, it is the stated policy of the university that with only rare exceptions admission to the school is limited to California residents. The applicant is judged on their academic performance (overall GPA, required preveterinary courses GPA, last two years of coursework GPA and GRE test) and non-academic record (personal statement/experience, letters of evaluation and interview).

The student must complete at least 45 semester units at an accredited college or university before entering the school. Most students admitted have earned a bachelor's degree. In addition to the pre-veterinary medicine requirements, students should be completing the requirements for a degree in a discipline of their choice. Students may apply after completion of 75 percent of the required courses have been completed with the remaining prerequisite courses completed by the end of the spring term prior to attendance. The admission committee is looking for intellectual potential, strength of character and demonstrated knowledge of the veterinary profession. The minimum GPA for both required science and cumulative course work is 2.5. You must file an application for admission, including supporting documents, and take the GRE test by October 1.

The requirements for pre-veterinary medicine that can be taken at OCC include the following courses:

General Statistics: MATH 160(160H)
General Biology w/lab (one year): BIOL 180(180H) and either 182/182L or 185
General Chemistry w/lab (one year), organic chemistry: CHEM 180, 185, 220 & 220L, 225
Physics: PHYS 120 & 125 or 130 & 135

Continued>>>>>
A minimum of 12 units in Social Sciences/Humanities from:
- history, sociology, foreign language, music, art, psychology,
- American and ethnic studies, anthropology, philosophy.

A minimum of 8 units in English from:
- ENGL 100, 101(or 101H), 102(or 102H), SPCM 110 and any English literature course. One course must be in English composition. The composition requirement may also be met by a score of 4 or 5 on either of the English AP Exams.

Additional Admission Requirements: Veterinary Experience
(minimum of 180 hours at time of application, but admitted students have an average of 2,500 to 3,000 hours), three letters of evaluation, personal statement, Graduate Record Examination, and an interview.

Note: Students must take these courses for letter grades.
For more information about the program go to the web site at: www.vetmed.ucdavis.edu/students/dvm_program/admissions/index.cfm

UNIVERSITY OF CALIFORNIA, IRVINE

BACHELOR OF SCIENCE IN NURSING SCIENCE

UCI  |  OCC
---|---
CHEM 1ABC  |  CHEM 180 & 185
CHEM 51A  |  CHEM 220 & 220L
PHILOS 4 or 5  |  PHIL 120 or RLST 120 or
PHILOS 5  |  No Equivalent Course
PUBLHTR 1  |  No Equivalent Course
SOCIOL 1  |  SOC 100(or 100H)
BIO SCI 93  |  BIOL 180(or 180H)
BIO SCI 97  |  BIOL 283
BIO SCI 98  |  BIOL 281
BIO SCI E109  |  BIOL 225*
BIO SCI M122122L  |  BIOL 210
BIO SCI D170  |  BIOL 220

Statistics  |  MATH 160(or 160H) or PSYC 160
Psychology  |  One course from: PSYC 100, 100H, 185, 250, 255, 260**

Anthropology/Sociology  |  One course from: ANTH 100, 100H, PSYC 260**, SOC 100, 100H, 110, 185, 185H

*No upper division credit; subject credit only.
**May only be taken to complete one requirement.

Note: Admission is limited and selective. Preference is given to applicants with the highest grades overall who have completed course prerequisites. C must be completed with a letter grade of "B" or higher and have a cumulative GPA of 3.0 or higher to be considered.

BACHELOR OF SCIENCE IN PHARMACEUTICAL BIOLOGY

UCI  |  OCC
---|---
BIO SCI 93  |  BIOL 180(or 180H)*
BIO SCI 94  |  BIOL 185*
BIO SCI 97  |  BIOL 283
BIO SCI 98  |  BIOL 281
BIO SCI 99  |  BIOL 282(or 282H)
BIO SCI 100  |  No Equivalent Course
CHEM 1ABC, 1LC/LD  |  CHEM 180 & 185*@
CHEM 51ABC, 51LB/LC  |  CHEM 220/220L & 225/225L@@

PHYS 3ABC, 3LB/LC  |  PHYS 130 & 135 or 7CDE, LC/LD  |  PHYS 185 & 280
MATH 2AB  |  MATH 180(or 180H) & 185(or 185H)**

One course from: MATH 160(or 160H) or PSYC 160 or MATH 280(or 280H) or MATH 285(or 285H)

*Must be completed prior to transfer with a “B-” or better.
**MATH 182H is equivalent to MATH 2AB.

@ Articulation is based on the entire series.

Notes: Apply as Pharmaceutical Sciences major. Preference is given to applicants with the highest grades overall who have completed course prerequisites. It is strongly advised that students complete all requirements prior to transfer. All applicants must maintain a cumulative GPA of 3.0 or higher. Once enrolled at UCI, only UCI courses will satisfy major requirements.

UNIVERSITY OF CALIFORNIA, LOS ANGELES

BACHELOR OF SCIENCE IN NURSING-GENERIC/PRELICENSURE

UCI  |  OCT
---|---
ENGCOMP 3  |  ENGL 100
English Composition  |  ENGL 101(or 101H) or 102(or 102H)
CHEM 20AB  |  CHEM 180 & 185
CHEM 30A  |  CHEM 220
LIFE SCI 2  |  BIOL 180 and either BIOL 182 or 185 or 225
LIFE SCI 3  |  BIOL 282
PHYSCI 3  |  BIOL 225(or 225H)
PHYSCI 13  |  BIOL 220(or 220H)

Strongly Recommended
MATH 3A or MATH 3TA  |  No Equivalent Course or MATH 180(or 180H)
COM ST 1 or COMM ST 10  |  CMST 110 or No Equivalent Course
MIMG 10  |  BIOL 210
PSYCH 10  |  PSYC 100

Note: A supplemental application with the School of Nursing is required. This major is not open to second baccalaureate applicants. Prerequisites must be completed with a letter grade of "C" or better and a minimum GPA of 3.5 in all UC transferable courses. Admissions requirements include a statement of purpose that includes an assessment of potential for nursing practice and a clear statement of goals after completion of the program, recommendations from two appropriate sources (one teacher/counselor and one professional who has had supervisory, educational or a mentoring relationship to you), and completion of IGETC.

UNIVERSITY OF CALIFORNIA SAN FRANCISCO

DOCTOR OF PHARMACY

Minimum 62 units to include:
- ENGL 100 & 101 or 102
- CHEM 180, 185, 220/220L, 225/225L
- PHYS 120 & 125 or 130 & 135 or 185 & 280
- BIOL 180, 182/182L or 185, 225
- MATH 180 & 185

Continued>>>>>
Plus: 18 units from Humanities and Social Sciences including CMST 110 or 220, ECON 170 or 175 and one course from ANTH 100 or PSYC 100 or SOC 100.

Note: While 62 units is the minimum required, most admitted students have completed a bachelor’s degree. Visit the UCSF website for additional information:
http://pharmacy.ucsf.edu/pharmd/  
10/07:A14-15

SCHOOL OF DENTISTRY
Minimum 93 UC transferable units which must include 20 units at an accredited US four-year school and to include:

ENGL 100 & 101 or 102
CHEM 180, 185, 220, 220L
BIOL 180 & 185 or 182 & 182L
PHYS 120 & 125 or 185 & 280 or 130 & 135
PSYC 100

Plus: 11 units from social sciences, humanities and/or foreign language. It is recommended that any additional elective units be in embryology, comparative vertebrate anatomy, genetics and statistics.

NOTE: Courses must be completed by the end of the spring session before the desired date of enrollment. Visit the UCSF website for additional information on admission:
http://dentistry.ucsf.edu/  
12/09:A12-13

CALIFORNIA STATE UNIVERSITY, FULLERTON

BACHELOR OF SCIENCE IN NURSING (RN-BSN)

Admission Requirements
1. Meet admission requirement to the university as a transfer student.
2. Completion of an associate degree in nursing or equivalent.
3. Current licensure as a registered nurse in California.
4. Completion of prerequisites below with a grade of “C” or better.

Prerequisite Courses:
Oral Communication: CMST 100 or 110
Written Communication ENGL 100
Critical Reasoning One Course from: CMST 220, ENGL 101(or 101H), 102(or 102H), 109, MATH 220, PHIL 150, 220
Statistics One Course from: MATH 160(or 160H)
Anatomy w/lab BIOL 220(or 220H)
Physiology w/lab BIOL 225(or 225H)
Microbiology w/lab BIOL 210
Chemistry w/lab CHEM 110 or 180 or 185

BACHELOR OF SCIENCE IN NURSING (EL-BSN)

Prerequisite Courses:
Oral Communication: CMST 100 or 110
Written Communication ENGL 100
Critical Reasoning One Course from: CMST 220, ENGL 101(or 101H), 102(or 102H), 109, MATH 220, PHIL 150, 220
College Algebra or Mathematics MATH 115 or One Course from: MATH 140, 160(or 160H), 170, 180(or 180H),
Anatomy w/lab BIOL 220(or 220H)

Physiology w/lab BIOL 225(or 225H)
Microbiology w/lab BIOL 210
Chemistry w/lab (inorg/org/biochem) One Course from: CHEM 110, 180, 185, 220/220L, 225/225L

NOTE: All prerequisite courses must be completed with a minimum overall GPA of 3.25. Must earn a “B” or better in each science prerequisite courses. Must earn a “C” or better in all non-science prerequisite courses.

CSU
BIOL 101/101L or BIOL 100
BIOL 172 or BIOL 180L
BIOL 185 or 182/182L & 183/183L
CHEM 100/100L or 200 CHEM 110 or CHEM 130 or CHEM 180
CHEM 120A
PSYC 101 or SOC 101
PSYC 100(or 100H) or SOC 100(or 100H)
HCOM 101 or 102 CMST 110
HESC 101 HLED 100
KNES 210 BIOL 221
HESC 220 No Equivalent Course

Electives
CHEM 301A/302A CHEM 220* & 220L*
CHEM 301B/302B CHEM 225* & 225L*

*No Upper Division Credit

Note: All courses counted toward the major must be completed with a letter grade of “C” or higher. Students must select one of options listed above.

10/14:A13-14

CALIFORNIA STATE UNIVERSITY NORTH RIDGE

BACHELOR OF SCIENCE IN HEALTH SCIENCE
Options: Health Promotion & Disease Prevention, Environmental & Occupational Health & Safety, Global Health

Prerequisite Courses
Oral Communication: CMST 100 or 110
Written Communication ENGL 100
Critical Reasoning One Course from: CMST 220, ENGL 101(or 101H), 102(or 102H), 109, MATH 220, PHIL 150, 220
College Algebra or Mathematics One Course from:
CHEM 110, 180, 185, 220/220L, 225/225L

NOTE: All courses counted toward the major must be completed with a letter grade of “C” or better. Students must select one of options listed above.

10/14:A13-14

DOCTOR OF PHYSICAL THERAPY

Prerequisite Courses
Oral Communication: CMST 100 or 110
Written Communication ENGL 100
Critical Reasoning One Course from: CMST 220, ENGL 101(or 101H), 102(or 102H), 109, MATH 220, PHIL 150, 220
College Algebra or Mathematics One Course from:
CHEM 110, 180, 185, 220/220L, 225/225L

Note: Program prerequisites include completion of a BA degree (any major), the 10 prerequisites listed above, completion of the GRE, completion of 200 physical therapy hours under a licensed physical therapist and 3 letters or recommendation (at least 1 from a licensed physical therapist). Only two of the courses listed above may be planned or in progress by the application deadline (no exceptions). Must attain a grade of “C” or higher in all courses with a minimum GPA of 3.0 in prerequisite courses. AP courses are accepted if listed on your official transcript. Pass/Fail designations are given a grade of “C” or “F.”

Continued>
Prerequisite guidelines can be found at: http://www.csun.edu/health-human-development/physical-therapy/program-prerequisites


(10/14:W9/14)

**BACHELOR OF SCIENCE IN ENVIRONMENTAL & OCCUPATIONAL HEALTH**

<table>
<thead>
<tr>
<th>CSUN</th>
<th>OCC</th>
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<tbody>
<tr>
<td>BIOL 101/101L</td>
<td>BIOL 100</td>
</tr>
<tr>
<td>BIOL 281 &amp; 282 or BIOL 106/106L</td>
<td>BIOL 225 or BIOL 185 or 182/182L &amp; 183/183L</td>
</tr>
<tr>
<td>BIOL 107/107L</td>
<td>BIOL 180(or T80H)</td>
</tr>
<tr>
<td>CHEM 101/101L &amp; CHEM 102/102L</td>
<td>CHEM 180 &amp; CHEM 185</td>
</tr>
<tr>
<td>CHEM 235/235L</td>
<td>CHEM 220/220L &amp; 225/225L</td>
</tr>
<tr>
<td>HSCI 132</td>
<td>No Equivalent Course</td>
</tr>
<tr>
<td>MATH 105 or MATH 102 &amp; 104</td>
<td>MATH 170 or MATH 115 &amp; 120*</td>
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<tr>
<td>MATH 140</td>
<td>MATH 160</td>
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<tr>
<td>PHYS 100A/100AL</td>
<td>PHYS 120</td>
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<tr>
<td>PHYS 100B/100BL</td>
<td>PHYS 125</td>
</tr>
</tbody>
</table>

*Both MATH 115 & 120 must be completed to meet MATH 102 & 104 requirement.

**Note:** A grade of “C” or better is required in all courses. AP credit is granted with a score of 3 or better for BIOL 180 & 185 (no labs); MATH 160; PHYS 120 & 125; a score of 4 or better is required for CHEM 180 credit.

(12/11:A14-15)

**BACHELOR OF SCIENCE IN HEALTH ADMINISTRATION**

<table>
<thead>
<tr>
<th>CSUN</th>
<th>OCC</th>
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<tbody>
<tr>
<td>ACCT 220</td>
<td>ACCT 101</td>
</tr>
<tr>
<td>BIOL 101/101L</td>
<td>BIOL 100</td>
</tr>
<tr>
<td>HSCI 132</td>
<td>No Equivalent Course</td>
</tr>
<tr>
<td>MATH 102 or MATH 103</td>
<td>MATH 115 or MATH 140</td>
</tr>
<tr>
<td>PSY 150</td>
<td>PSYC 100 or 185</td>
</tr>
<tr>
<td>SOC 150</td>
<td>SOC 100</td>
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**Note:** AP credit is granted with a score of 3 or better for MATH 140 and PSYC 100 or 185.

(10/14:A14-15)

**BACHELOR OF SCIENCE IN MICROBIOLOGY (Medical Laboratory Technology)**

See Curriculum Guide for Biological Sciences

**BACHELOR OF SCIENCE IN HEALTH SCIENCE**
Options: Community Health Education, School Health Education

**Community Health Education**

<table>
<thead>
<tr>
<th>CSULB</th>
<th>OCC</th>
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<tbody>
<tr>
<td>BIOL 205</td>
<td>BIOL 221</td>
</tr>
<tr>
<td>HSC 210</td>
<td>HLED 100</td>
</tr>
</tbody>
</table>

Continued>>>>>
NOTE: This major is impacted. See CSULB catalog for supplemental admission criteria. A grade of "C" or better is required in all major courses. Students must complete 60 units and the CSU GE requirements in Written and Oral Communication, Critical Thinking and Mathematics/Quantitative Reasoning with a grade of "C" or better by the end of the prior spring term for fall admission or by the end of the prior summer for spring admission.

School Health Education

**Note:** This major is impacted. See CSULB catalog for supplemental admission criteria. A grade of "C" or better is required in all major courses. Students must complete 60 units and the CSU GE requirements in Written and Oral Communication, Critical Thinking and Mathematics/Quantitative Reasoning with a grade of "C" or better by the end of the prior spring term for fall admission or by the end of the prior summer for spring admission.

BACHELOR OF SCIENCE IN HEALTH CARE ADMINISTRATION

**Note:** This major is impacted. See CSULB catalog for supplemental admission criteria. A minimum grade of "C" or better is required in all major courses. Students must complete 60 units and the CSU GE requirements in Written and Oral Communication, Critical Thinking and Mathematics/Quantitative Reasoning with a grade of "C" or better by the end of the prior spring term for fall admission or by the end of the prior summer for spring admission.

BACHELOR OF SCIENCE IN NURSING

**Options:** Basic, Registered Nurse*

The nursing program admits two categories of students; (1) those who enter the University without having completed a first level nursing program are known as Basic Students, (2) those who have completed an Associate Degree in Nursing and are Registered Nurse students.

**Basic Nursing Prerequisite Courses:***

<table>
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<tr>
<th>CSULB</th>
<th>OCC</th>
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<tbody>
<tr>
<td>MICR 101</td>
<td>No Equivalent Course</td>
</tr>
<tr>
<td>NUTR 132</td>
<td>FN 170</td>
</tr>
<tr>
<td>Statistics</td>
<td>MATH 160(or 160H) <strong>or</strong> PSYC 160</td>
</tr>
</tbody>
</table>

**Departmental Recommendation**

MATH 115 **or** MATH 140

Computer proficiency in word processing, spreadsheet, database and presentation software is expected.

**Prerequisite GE Courses (One from each)**:

| Oral Communication | 3 units |
| Written Communication | 3 units |
| Critical Thinking | 3 units |

**Nursing Courses:**

NRSG 200 **or** No Equivalent Course
NRSG 250 **or** No Equivalent Course

**Registered Nurse* Support Course:**

Stats Course **MATH 160(or 160H) **or** PSYC 160
CHEM 140 **or** CHEM 110

*Students must hold a current license or be eligible for license to practice in California. Graduation from an Accredited Associate Degree program or evaluation of diploma program for equivalency by the Accredited Associate Degree program.

**Prerequisite courses must be completed with a grade of "C" or better. GPA for prerequisite courses must be a 3.0 or higher.

**Note:** This major is impacted. See CSULB catalog for supplemental admission criteria. See CSULB catalog for supplemental admission criteria. Students must complete 60 units and the CSU GE requirements in Written and Oral Communication, Critical Thinking and Mathematics/Quantitative Reasoning with a grade of "C" or better by the end of the prior spring term for fall admission or by the end of the prior summer for spring admission. Criminal background check, health insurance, immunizations and malpractice insurance are required for clinical coursework.

MASTER OF SCIENCE IN PHYSICAL THERAPY

**Note:** In addition to the prerequisites listed above, students must complete a bachelor's degree in a major of their choosing (preferably biology). Additional preparatory course work not offered at OCC is also required at CSULB before admission into the Master's degree program (BIOL 260, 341, 441, HHS 374, 401, 402, 403, 460, 471). Complete prerequisite courses with a grade of "C" and a minimum GPA of 3.0 in both lower and upper division prerequisites. Applicants must have attained at least a 2.5 GPA in the last 60 semester units attempted. You will be required to submit results of the General Aptitude Section of the Graduate Record examination (taken within the last 5 years), provide academic and personal references, as well as provide documentation of personal experience in a variety of physical therapy settings and be recommended by the physical therapy faculty. For more information contact the Department of Physical Therapy at CSULB (562)985-4072.

**Support Courses**

| PSY 100 | PSYC 100(or 100H) |
| SOC 100 | SOC 100(or 100H) |

**Prerequisite GE Courses (One from each)**:

| Oral Communication | 3 units |
| Written Communication | 3 units |
| Critical Thinking | 3 units |

**Nursing Courses:**

NRSG 200 **or** No Equivalent Course
NRSG 250 **or** No Equivalent Course

**Registered Nurse* Support Course:**

Stats Course **MATH 160(or 160H) **or** PSYC 160
CHEM 140 **or** CHEM 110

*Students must hold a current license or be eligible for license to practice in California. Graduation from an Accredited Associate Degree program or evaluation of diploma program for equivalency by the Accredited Associate Degree program.

**Prerequisite courses must be completed with a grade of "C" or better. GPA for prerequisite courses must be a 3.0 or higher.

**Note:** This major is impacted. See CSULB catalog for supplemental admission criteria. See CSULB catalog for supplemental admission criteria. Students must complete 60 units and the CSU GE requirements in Written and Oral Communication, Critical Thinking and Mathematics/Quantitative Reasoning with a grade of "C" or better by the end of the prior spring term for fall admission or by the end of the prior summer for spring admission. Criminal background check, health insurance, immunizations and malpractice insurance are required for clinical coursework.
CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS

BACHELOR OF SCIENCE IN HEALTH SCIENCES
Options: Community Health, Health Care Management, Prosthetics*, Radiologic Technology*

For Community Health:
CSUDH OCC
HSC 201 No Equivalent Course
MAT 131 MATH 160
BIO 102 BIOL 100

For Health Care Management:
HSC 201 No Equivalent Course
MAT 131 MATH 160
ACC 230 ACCT 101
ECO 210 ECON 170

For Prosthetics*:
BIO 102 BIOL 100
BIO 250 & 251 BIOL 221 or 220 & 225
CHE 102 or 110 & 112 CHEM 100 or 180 & 185
MAT 153 MATH 170
PHY 120 PHYS 120
PSY 101 PSYC 100
CSC 101 CIS 111
HSC 201 No Equivalent Course
MAT 131 MATH 160
HEA 205 No Equivalent Course
HEA 231 No Equivalent Course
HEA 250 No Equivalent Course

*Refer to the current catalog for special admission and policies pertaining to these programs.

For Radiologic Technology*:
BIO 250 & 251 BIOL 221 or 220 & 225
ENG 110 ENGL 100
ENG 111 ENGL 100 (or 100H) or 102 (or 102H)
PSY 101 or SOC 101 PSYC 100 or No Equivalent Course
ANT 100 ANTH 100
PHY 100 or 120 No Equivalent Course or PHYS 120
CHE 110 & 112 CHEM 180 & 185
CSC 101 CIS 111
HSC 201 No Equivalent Course
MAT 131 MATH 160
HEA 280 Complete at CSUDH after transfer
HEA 281 Complete at CSUDH after transfer
HEA 287 Complete at CSUDH after transfer

*Refer to the current catalog for application and admission information pertaining to these programs.

Note: A grade of “C” or better is required in each course.

(12/09:A13-14)

SAN DIEGO STATE UNIVERSITY

BACHELOR OF SCIENCE IN NURSING
SDSU OCC
BIOL 100 BIOL 100*
BIOL 211/211L BIOL 210**
BIOL 212 BIOL 220**
BIOL 261 No Equivalent Course
CHEM 102 or CHEM 110* or CHEM 130
CHEM 102 or CHEM 130
CHEM 210 or CHEM 220
CHEM 221 or CHEM 222

*Must have a grade of “B” or better. Remaining courses must be completed with a grade of “C” or better.

Note: This program is impacted. See SDSU catalog for admission criteria. All courses must be taken for a letter grade. Students must complete all prerequisites with a minimum cumulative GPA of 2.75.

(10/14:A13-14)

CALIFORNIA STATE UNIVERSITY, SAN MARCOS

BACHELOR OF SCIENCE IN HEALTH SCIENCE

For Radiologic Technology*:
GEO 102 CSUGE Area A1 Course
GEW 101 CSUGE Area A2 Course
PHIL 110 CSUGE Area A3 Course
MATH 200 CSUGE Area B4 Statistics Course
BIOL 160 BIOL 210
BIOL 175 & 176 BIOL 220 (or 220H) & 225 (or 225H)
CHEM 105/105L CHEM 110 or 185, 220 & 220L

Supporting Coursework

PSYC 100 PSYC 100
ANTH 200 ANTH 100 (or 100H)*
HD 101 PSYC 130
BIOL 323 FN 170**
SOC 303 No Equivalent Course**
CSUGE Area C1 Course CSUGE Area C1 Course+
CSUGE Area C2 Course CSUGE Area C2 Course+
Foreign language through 185 (or see IGETC)+
American Institutions+

@ Must complete entire series.

Continued>>>>>>
*SOC 100 may be substituted for the RN to BSN and Accelerated BSN program.
**No upper division credit.
+Not required of students pursuing a Second Bachelor’s Degree.

**Note:** This program is impacted. For information about the nursing options: [www.csusm.edu/nursing/prospective/index.html](http://www.csusm.edu/nursing/prospective/index.html)

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**BACHELOR OF SCIENCE KINESIOLOGY**

**Options:** Health Science

<table>
<thead>
<tr>
<th>CSUSM</th>
<th>OCC</th>
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<tbody>
<tr>
<td>Pre-Kinesiology Core Courses (for all options)</td>
<td></td>
</tr>
<tr>
<td>BIOL 104 or No Equivalent Course or</td>
<td>BIOL 220</td>
</tr>
<tr>
<td>BIOL 160</td>
<td>BIOL 220 &amp; 225</td>
</tr>
<tr>
<td>BIOL 177 &amp; 178</td>
<td>No Equivalent Course</td>
</tr>
<tr>
<td>KINE 202</td>
<td></td>
</tr>
</tbody>
</table>

**Health Science Option**

| CHEM 105 & 105L                             | CHEM 110                                 |
| KINE 200 & 201                              | HLED 112 & No Equivalent Course          |
| KINE 204                                   | No Equivalent Courses                    |
| PSYC 100                                   | PSYC 100(or 100H)                        |

**Note:** This program is impacted. Impaction criteria will apply. Applicants will be admitted as pre-kinesiology majors. Once core courses are completed, students may apply to the Kinesiology degree program.

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**CHAPMAN UNIVERSITY**

**Chapman (Orange)**

**DOCTOR OF PHYSICAL THERAPY**

Applicants to this program must receive a bachelor's degree prior to admission. The major area of study for the bachelor's degree depends on the applicant's interests. Applicants must have a minimum GPA of 3.0 in prerequisite courses. You must also have taken the GRE exam within five years of application and received acceptable scores. The following prerequisite courses must be taken for a letter grade within ten years (except as noted):

1 semester of biology - BIOL 180(or 180H)
1 anatomy course* - BIOL 220(or 220H)
1 human physiology course* - BIOL 225(or 225H)
2 semesters of chemistry - CHEM 180 & 185
2 semesters of physics - PHYS 120 & 125 or 130 & 135
2 psychology courses
1 course in statistics - MATH 160(or 160H)

*Must be taken within 5 years of application.

**Note:** Unless otherwise indicated, all prerequisite courses must have been taken within the last 10 years. A course taken Pass/Credit will be converted to a "C". Courses receiving AP credit may fulfill prerequisite requirements.

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**UNIVERSITY OF THE PACIFIC**

**DOCTOR OF PHARMACY**

Articulation Agreement Link: [http://www.pacific.edu/Admission/Graduate-Professional/Pharmacy/Transferable-courses-from-your-school/Orange-Coast-College.html](http://www.pacific.edu/Admission/Graduate-Professional/Pharmacy/Transferable-courses-from-your-school/Orange-Coast-College.html)

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**LOMA LINDA UNIVERSITY**

**BACHELOR OF SCIENCE IN DENTAL HYGIENE**

**BACHELOR OF SCIENCE IN NURSING**

**BACHELOR OF SCIENCE/MASTER’S DEGREE IN OCCUPATIONAL THERAPY**

**BACHELOR OF SCIENCE/MASTER’S DEGREE IN PHYSICAL THERAPY**

To review information regarding a specific program, please go to: [http://www.llu.edu/explore/step1.html](http://www.llu.edu/explore/step1.html)

**BACHELOR’S DEGREES** offered at Loma Linda University include: Cytotechnology, Clinical Laboratory Science (Medical Technology), Emergency Medical Care/Cardiopulmonary Sciences, Health Information Administration, Nutrition and Dietetics, Radiation Sciences, Radiologist Assistant, Respiratory Therapy/Cardiopulmonary Sciences. Articulation agreements are available at: [http://www.llu.edu/assets/alliedhealth/documents/tp/orange.pdf](http://www.llu.edu/assets/alliedhealth/documents/tp/orange.pdf)

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**SOUTHERN CALIFORNIA UNIVERSITY OF HEALTH SCIENCES - LOS ANGELES COLLEGE OF CHIROPRACTIC**

**DOCTOR OF CHIROPRACTIC**

**MASTER OF ACUPUNCTURE AND ORIENTAL MEDICINE**

To review information regarding a specific program, please go to: [http://www.scuhs.edu/](http://www.scuhs.edu/)

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**MARSHALL B. KETCHEM UNIVERSITY**

**SO. CALIFORNIA COLLEGE OF OPTOMETRY**

**DOCTOR OF OPTOMETRY**

Admission to the Doctor of Optometry program requires completion of a bachelor’s degree. Students should consult the articulation agreement with Orange Coast College here: [http://www.ketchem.edu/img/uploads/admissions/articulation/OrangeCoastCollege.pdf](http://www.ketchem.edu/img/uploads/admissions/articulation/OrangeCoastCollege.pdf)

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**SOUTH BAYLO UNIVERSITY**

**MASTER OF SCIENCE AND DOCTORATE OF ACUPUNCTURE AND ORIENTAL MEDICINE**

**ACUPRESSURE AND TUINA MASSAGE CERTIFICATE PROGRAM**

For admissions information, please go to: [http://www.southbaylo.edu/web2/ca/admissions/admission_policy.htm](http://www.southbaylo.edu/web2/ca/admissions/admission_policy.htm)

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UNIVERSITY OF SOUTHERN CALIFORNIA

Note: Credit for courses is not granted if (1) the course is taken before high school graduation, (2) the grade is lower than C-, (3) is a lab science or foreign language course and is not taken in a traditional classroom setting, (4) is offered through “study abroad”, (5) repeats credit from another college course or from an AP or IB exam.

BACHELOR OF SCIENCE IN DENTAL HYGIENE

Prerequisite Coursework
English Composition - ENGL 100 & any transferable English course
Introduction to Sociology - SOC 100(or 100H)
General Physiology - BIOL 225(or 225H)
General Microbiology - BIOL 210
General Nutrition - FN 170
General Psychology - PSYC 100(or 100H)
Public Speaking - CMST 110
General History w/lab - CHEM 180 & 185
General Biology w/lab - BIOL 100 or 180(or 180H)

General Education

Follow USC GE requirements.

101

Diversity
Choose one course from: ANTH 102, 150, ETHS 100, 150, GNDR 100, 130, HIST 150, SOC 100, 100H, 150, 185(or 185H)

Note: Applications should be filed well in advance of the February 1st deadline and must include official transcripts from all schools attended. Two applications are required - one to USC (common application) and one to the School of Dentistry. Admissions Requirements Link:
https://dentistry.usc.edu/programs/dental-hygiene/admission-requirements/

Application Information Link:
http://dentistry.usc.edu/programs/dental-hygiene/how-to-apply/

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MASTER OF ARTS IN OCCUPATIONAL THERAPY

Prerequisites (must be completed within the last five years with a GPA of 3.0 from an accredited college/university)

Human Anatomy & Physiology - BIOL 220(or 220H) & 225(or 225H)
Developmental Psych or Human Development - PSYC 140 & 150
Abnormal Psychology - PSYC 225
General Sociology or Social Anthropology - SOC 100(or 100H) or ANTH 100(or 100H)
Introductory Statistics - MATH 160(or 160H) or PSYC 160
Medical Terminology - ALH 111

Requirements for Admission
1.) Complete a BA degree with a minimum cumulative GPA of at least 3.0 from an accredited college or university,
2.) Complete GRE within the last five years with a minimum score of 153 (verbal), 144 (quantitative), and 3.5 (analytical writing.
3.) Submit three letters of recommendation from professors, therapists and/or other professionals familiar with your capabilities/achievements.
4.) Submit a personal statement (600 words or less) describing a significant experience, achievement or personal characteristic that demonstrates why you would be an effective occupational therapist. Include your understanding of occupational therapy in your essay.
5.) Students from non-English speaking countries and non-citizens with permanent residency must submit TOEFL or IELTS scores.

Application Procedures
Read webpage carefully and print application checklist. Submit an application through both the Centralized Application Service for Occupational Therapy (OTCAS) and USC Graduate Admissions. Submit USC application and requested materials at least three weeks before the departmental application deadline to allow for processing. Official transcripts and letters of recommendation will be submitted to OTCAS and may take up to four weeks to process. Send GRE test score report to both USC Office of Admissions and to the Division. Official transcripts go to both USC Office of Admissions and OTCAS. Visit the FAQ page at http://chan.usc.edu/admissions/faqs

Note: Early decision applications are due by November 30th and student will enroll if admitted. Those not admitted early will be carried over to the February 15 deadline for the program beginning in June. Applications after these dates will be processed on a space available basis. Online courses are accepted, except for anatomy. Grades of credit/no credit will not be accepted (unless course is only offered on credit/no credit basis). USC does not require background checks, drug testing or fingerprinting for admission, however an increasing number of health care facilities require USC students to provide this and other information in order to participate in clinical rotations at their sites.

DOCTOR OF PHARMACY

Completion of a Bachelor’s degree and a minimum cumulative GPA of 3.0 in all college work and prerequisite courses to include:

Calculus - MATH 180
General Chemistry - CHEM 180 & 185
Organic Chemistry - CHEM 220/220L & 225/225L+
General Biology - BIOL 180 & either 182/182L or 185
Biochemistry - No Equivalency+
Microbiology - BIO 210+
Molecular Biology - No Equivalency+
Physics* - PHYS 120, 125, 130, 135, 185 or 280
Human Physiology - BIOL 225+
Statistics - MATH 160
General Psychology or Sociology - PSYC 100 or SOC 100
Microeconomics - ECON 170
Communications** - CMST 100 or 110
English Composition & Literature** - ENGL 100 & either 101 or 102 or 109

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Admission to the program requires the completion of a Bachelor’s degree from an accredited institution in any subject and required prerequisites with letter grade of “C” or better and a minimum cumulative GPA of 3.0.

**Prerequisite Coursework**

- General Biology with lab* - BIOL 181 & 182/182L or 181 & 185

- General Chemistry with lab* - CHEM 180 & 185
- Human Anatomy & Physiology with lab* - BIOL 220 & 225
- General Microbiology with lab* - BIOL 210
- Statistics - MATH 160 or PSYC 160
- English Composition & Critical Thinking or Logic** - ENGL 100 or 101 or 102 or PHIL 150
- General Psychology - PSYC 100
- Foreign Language - One Year - SPAN 180 & 185

*All science prerequisites must be completed with a minimum GPA of 2.75 and within 10 years of application to the program; exceptions may be granted on an individual basis; AP credit is not accepted; online courses are not accepted.

**Required of international applicants only.

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**Admissions Procedures**

Two applications are required - one to the Central Application Service for Physicians Assistants (CASPA) by 11/1 and one to USC. It is strongly recommended that applicants complete and submit both applications including all supporting documents by 9/1 for early consideration.

Coursework must be completed by the end of the fall semester of the year prior to attending USC.

Applicants are required to take either the GRE or MCAT exam within five years of the application deadline. Applicants must earn a combined Quantitative and Verbal GRE score of no less than 1,000 (older exam) or 295 (newer exam). If there are multiple exams, all scores must be submitted - the best scores are used in calculating total scores.

The following supporting documents are required (if applicable):

- Copies of certificates and current licenses as evidence of medical training; copies of Form DD-214 as evidence of honorable discharge; and unofficial transcripts reflecting all undergraduate coursework.

- Hands-on, paid patient care clinical experience is preferred. Successful applicants often have worked as EMTs, licensed vocational nurse, medical assistant (back office) medical cribe or technologist, military medical corpsman, nursing assistant, paramedic, psych and radiologic technicians, respiratory therapist, chiropractor, and registered nurses. Shadowing a physician assistant in a clinical setting is strongly recommended. The average applicant has 1-2 shadowing experiences. Community service activities/projects are expected of all applicants. Service which benefits medically underserved/disadvantaged groups is highly desirable. The letters of reference are required (not from personal friends and/or family members)

Accepted candidates are required to meet the program’s Technical Standards (physical/psychological competencies of performance), as well as maintain evidence of current health status and immunizations.

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**WESTERN UNIVERSITY OF HEALTH SCIENCES**

**MASTER OF SCIENCE IN PHYSICIAN ASSISTANT STUDIES**

http://prospective.westernu.edu/physician-assistant/requirements-14/

**DOCTOR OF PHARMACY**

http://prospective.westernu.edu/pharmacy-pharmd/requirements-13/

**DOCTOR OF PHYSICAL THERAPY-ENTRY**

http://prospective.westernu.edu/physical-therapy-e/requirements-22/

**DOCTOR OF PHYSICAL THERAPY ADVANCED**

http://prospective.westernu.edu/physical-therapy-a/requirements-21/

**DOCTOR OF VETERINARY MEDICINE**

http://prospective.westernu.edu/veterinary/requirements-17
ADDITIONAL AGREEMENTS ARE AVAILABLE ON THE INTERNET FOR THE FOLLOWING SCHOOLS AT:
www.assist.org

CSU Chico (Health Science, Nursing)
CSU Fresno (Health Science, Nursing)
Humboldt State University (Nursing)
CSU Sacramento (Health Science, Nursing)
CSU San Bernardino (Health Science, Nursing)
San Jose State (Health Science, Nursing, Occupational Therapy)