## Pre-Orthotics & Prosthetics, M.S.O.P. 2014-2015

### Religion and Humanities: 20 qtr. units min.

- **Religion:** 4 qtr. units/ year (max 8 units) Choose [8] units from the following areas.
  - RELB, RELE, RELG, RETT, RLGN (4)
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**Humanities:** Select from at least 3 subject areas. 12

- HIST 105 The Western Intellectual Traditions (4) **History required.**
- Fine Arts (ARTA/MUHL)
- Philosophy (PHIL)
- Literature/ Modern Language (ENGL/ WDLG)
- Performing/Visual Arts (ARTS/ DRAM/ MUPF) not to exceed 4 units

### Natural Sciences: [22 qtr. units minimum]

- BIOL 131 Human Anatomy & Physiology I (5)
- BIOL 132 Human Anatomy & Physiology II (5)
- CHEM 101/ CHEM 101L Intro. Inorganic Chemistry and Lab (3/1) Prereq. MATH 007 or
  - CHEM 111/ CHEM 111L General Chemistry I and Lab (4/1) Prereq. MATH 121 Eligibility & CHEM 110 or placement.
- PHYS 117/ PHYS 117L Introduction to Physics (4) Prereq. MATH 007 or equivalent or
  - PHYS 231 General Physics I/Lab (4/1) Prereq: MATH 122 or equiv. for PHYS 231A/ MATH 132 for PHYS231B
- MATH 155 Introductory Statistics (4) Prereq: MATH 007 or placement or
  - MATH 251 Introduction to Statistics I (4) Prereq: Math 121

### Social Sciences: [12 qtr. units 2 areas]

- PSYC 104 General Psychology (4) Prereq: ENGL 111 Can be concurrently enrolled.
- PSYC 234 Developmental Psychology (4) Prereq: ENGL 111 Can be concurrently enrolled or
  - PSYC 275 Abnormal Psychology Prereq: PSYC 104.
- Select remainder from: ANTH/ ECON/ PSYC/ PLSC/ SOCI/ GEOG (4)

### Communication: [9 qtr. units min.]

- ENGL 111 College Writing (3) Prereq. Satisfactory placement on college entrance exam.
- ENGL 112 College Writing (3) Prereq. ENGL 111
- ENGL 113 College Writing (3) Prereq. ENGL 112
  - For the student who takes ENGL 124 Freshman Seminar in Writing (4), additional units are needed. Select remainder from:
  - COMM 104 Fundamentals of Speech (4) or COMM 244 Interpersonal Communication
  - COMM 244 Interpersonal Communication (4) Prereq: ENGL 111 Can be concurrently enrolled.
  - CPTG 104 Intro. to Information Systems (4) Prereq. MATH 007 or appropriate score on placement exam

### Health and Wellness: [1 qtr. unit] min.

- 2 Physical activity courses: May use HLSC 120 Lifetime Fitness (2) as activity elective
  - EXSC Activity #1 __________  #2 __________ (S/ .5) min.

**Electives:** To meet minimum of 96 quarter units.

**Additional Information**

- **Work Experience:** 80 work/ observation hours under the supervision of a CPO practitioner are required.
- **To apply:** Contact Hans Schaepper at 909.720.1201 for instructions.
Pre-ORTHOTICS AND PROSTHETICS
Bachelor of Science

CAREER OPPORTUNITIES AND RELATED OCCUPATIONS:
Orthotists design, make, and fit adaptive orthopedic braces, which are used to support weakened or defective body parts, such as the neck, back and the leg. Prosthetists design, make and fit prostheses, which are artificial limbs or facial parts. These are used to replace body parts lost by injury or missing from birth. Combined, the professional with this expertise, is able to stand true to the vision of Loma Linda University “to Lead, to Heal, and to Serve.” Within this spirit of service, the student can be engaged in many aspects of national and international service.

EDUCATIONAL QUALIFICATIONS: Conceived within the Loma Linda University School of Allied Health Professions (SAHP), this program requires 96 quarter hours of prerequisite course work followed by 10 quarters of Master of Science courses. Upon completion, the graduate will be eligible to apply for a (National Commission on Orthotic and Prosthetic Education) NCOPE accredited residency. Upon completion of the residency, the student will be eligible to sit for the American Board of Certification in Orthotics and Prosthetics (ABC) exams.

JOB OPPORTUNITIES: Jobs in the field of orthotics and prosthetics are expected to grow. Opportunities may be found in health and personal care stores, and other venues. For further information, please visit the websites listed below.

SALARY: The median annual wage for orthotists and prosthetists was $62,670 in May 2012. The median wage is the wage at which half the workers in an occupation earned more than that amount and half earned less. The lowest 10 percent earned less than $34,150, and the top 10 percent earned more than $111,030.