



## Transfer Patterns

The School of Allied Health Professions maintains institution-specific transfer patterns (i.e. college course requirements, articulations or prerequisites), along with institution-specific course numbers that are required/accepted for our allied health programs. You may apply online to LLU with courses in progress at the discretion of the program/department. See our online admissions info for further details on applying to LLU.

Our posted school listings do not reflect a complete list of higher educational institutions from which we accept credits. It is only a partial list of common local and Seventh-day Adventist college and universities from which students commonly transfer.

If your college or program choice is not listed, you may view general program requirements on our website within the program information or contact us. **Please note: we accept credit transfers from regionally accredited colleges and universities only.** Refer to our online admissions webpage for further details regarding applying and for specific program open enrollment periods.

Admission website: <http://www.llu.edu/allied-health/sahp/admissions/index.page?>

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<b>School Address:</b> Loma Linda University School of Allied Health Professions Nichol Hall Room 1605 Loma Linda, CA 92350	<b>Admissions Processing:</b> Loma Linda University Admissions Processing 11139 Anderson St. Loma Linda, CA 92350	<b>Contact Information:</b> <a href="mailto:askalliedhealth@llu.edu">askalliedhealth@llu.edu</a>  (909) 558-4599
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**LOMA LINDA UNIVERSITY  
SCHOOL OF ALLIED HEALTH PROFESSIONS  
2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: Cardiac Electrophysiology Technology – AS Degree/Certificate**

Electrophysiology is a subspecialty of cardiology that focuses on treating heart rhythm abnormalities. The Cardiac Electrophysiology Technologist will assist the Cardiologist during invasive procedures, including implantable cardioverter defibrillator (ICD) and cardiac resynchronization therapy device implantations.

We offer an Associate Track and Certificate Track for this program which are 12 months in length. The AS degree is face to face with some online coursework, while the Certificate program is primarily online with a few face to face visits to the LLU campus. The Certificate Track is only available to applicants with a prior healthcare background.

<b>LOMA LINDA UNIVERSITY REQUIREMENTS:</b>	<b>SWC COURSE EQUIVALENCIES:</b>	<b>UNITS</b>
<b>NATURAL SCIENCES:</b>	<b>NATURAL SCIENCES:</b>	
Human Anatomy & Physiology/lab, sequence	BIOL 260+261	(4+4)
Intro Chemistry/lab	CHEM 100	(4)
Intro Physics/lab <u>or</u> high school physics	PHYS 170+171 or HS physics	(3+1/0)
Medical Terminology	MEDOP 230	(3)
2 yrs HS Algebra/C grade or better or Intermediate Algebra	HS or MATH 60 (required/no credit)	(0/0)
<b>SOCIAL SCIENCE:</b>	<b>SOCIAL SCIENCE:</b>	
General Psychology <u>or</u> Sociology <u>or</u> Cultural Anthropology	PSYC 101 or SOC 101 or ANTH 102	(3/3/3)
<b>COMMUNICATION:</b>	<b>COMMUNICATION:</b>	
Freshman English, complete sequence (CLEP not accepted)	ENGL 115+116	(4+4)
Computers (college or HS)	CIS 101 or HS computer	(4/0)

**ELECTIVES:** To meet minimum total requirements of 26 semester units (with a GPA of 2.4 or higher)

**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

**WORK EXPERIENCE:** Observation hours in a CEP department (minimum of 2 exams observed).

**PLEASE NOTE THAT C MINUS (C-) GRADES ARE NOT TRANSFERABLE FOR CREDIT**

**\*CARDIAC ELECTROPHYSIOLOGY TECHNOLOGY – CERTIFICATE - The Certificate Track is only available to applicants with a prior healthcare background.**

To apply online log onto: <http://www.llu.edu/apply/>

**LOMA LINDA UNIVERSITY  
SCHOOL OF ALLIED HEALTH PROFESSIONS  
2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: BS Degree - CLINICAL LABORATORY SCIENCE (MEDICAL TECHNOLOGY)**

The clinical laboratory scientist supervises, evaluates, or performs laboratory tests that aid the physician in the diagnosis, monitoring, and treatment of disease. Upon successful completion of the program, the graduate is eligible for certification by the American Society for Clinical Pathology and for licensure by the state of California.

<b>LOMA LINDA UNIVERSITY REQUIREMENTS:</b>	<b>SWC COURSE EQUIVALENCIES:</b>	<b>UNITS</b>
<b>HUMANITIES: (min. 14 semester units)</b> <b>Select from at least 3 subject areas:</b> Art/Music; Performing Arts (limited to 3 sem. units) Literature; Philosophy History; Foreign Language/Amer Sign Lang	<b>HUMANITIES: (min. 14 semester units)</b> <b>Select from at least 3 subject areas:</b> ART 150; MUS 105 ENGL 220, 230, 240, 250; PHIL 101, 103, 120 HIST 100, 101, 104, 105; Any Foreign Lang/Amer Sign Lang	
<b>NATURAL SCIENCES:</b> College Algebra (or calculus) General Chemistry/lab, complete sequence Organic Chemistry/lab, complete sequence Intro Physics/lab (to include light & electricity) General Biology/lab (one course) <b><u>Pre-medical and pre-dental students should verify current admission requirements</u></b>	<b>NATURAL SCIENCES:</b> MATH 101 CHEM 200+210 CHEM 240+242 PHYS 170+171L+172+173L+174+175L BIOL 210	(3) (5+5) (5+5) (3+1+3+1+3+1) (4)
<b>SOCIAL SCIENCES: (2 areas, 8 semester units min)</b> Cultural Diversity (required) or Cultural Anthropology <b>Select remainder from:</b> Anthropology; Sociology Psychology; Political Science Economics; Geography	<b>SOCIAL SCIENCES: (2 areas, 8 semester units min)</b> ANTH 102 <b>Select remainder from:</b> ANTH 101, 103; SOC 101, 110, 116, 135 PSYC 101, 106, 230; PS 101 ECON 101, 102; GEOG 100	(3)
<b>COMMUNICATION: (min 6 semester units)</b> Freshman English, complete seq (CLEP not accepted) <b>If needed, select remainder from:</b> Computers Public Speaking	<b>COMMUNICATION: (min 6 semester units)</b> ENGL 115+116 <b>If needed, select remainder from</b> CIS 101 COMM 104	(4+4) (4) (3)
<b>HEALTH AND WELLNESS: (min 2 semester units)</b> Health Education (Personal Health or Nutrition) 2 PE Activity Courses	<b>HEALTH AND WELLNESS: (min 2 semester units)</b> HLTH 101 or 204 2 PE Activity Courses	(3/3) (2)

**ELECTIVES:** To meet minimum total requirements of 64 semester units

**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

**Choose from the following recommended courses:** Anatomy & Physiology, Biochemistry, Cellular or Molecular Biology, Genetics, Speech, Computer Applications, Critical Thinking

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**LOMA LINDA UNIVERSITY  
SCHOOL OF ALLIED HEALTH PROFESSIONS  
2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: B.S. Degree – COMMUNICATION SCIENCES & DISORDERS**

Speech-language pathologists are concerned with evaluating and treating children and adults with communication disorders. Difficulties in the areas of speech, language, fluency, and voice are associated with a variety of disorders, including developmental delay, hearing impairment, cleft palate, cerebral palsy, stroke, and head injury. Audiologists are concerned with prevention, identification, assessment, and rehabilitation of hearing disorders. For both professions, it is important that the student have an interest in working with people.

Employment opportunities for speech-language pathologists and audiologists exist within Speech and Hearing Clinics, Public Schools, Hospitals, Universities, Health Departments, Skilled Nursing Facilities, Home Health Agencies, Rehabilitation Centers, Industry and Private Practice. These fields allow for considerable flexibility and there is ample opportunity for employment.

<b>LOMA LINDA UNIVERSITY REQUIREMENTS:</b>	<b>SWC COURSE EQUIVALENCIES:</b>	<b>UNITS</b>
<b>HUMANITIES: (min. of 14 semester units)</b> <b>Select from at least 3 subject areas:</b> Art/Music; Performing Arts (limited to 3 sem. units) Literature; Philosophy History; Foreign Language	<b>HUMANITIES: (min. of 14 semester units)</b> <b>Select from at least 3 subject areas:</b> ART 150; MUS 105 (Applied Art/Mus 2 sem units max) ENGL 220, 230, 240, 250; PHIL 101, 103, 120 HIST 100, 101, 104, 105; Any Foreign Language	
<b>NATURAL SCIENCES: (min. 8 semester units)</b> One Biological science course required Physics or Chemistry required (one course) Intro Statistics, required 2 yrs HS Algebra/Grade C or better or Intermediate Algebra) <b>Select additional from:</b> Biology; Physics; Mathematics; Chemistry	<b>NATURAL SCIENCES: (min. 8 semester units)</b> BIOL 260 PHYS 170 or CHEM 100 MATH 119 HS or MATH 60 (required/no credit) <b>Select additional from:</b> BIOL, PHYS, MATH, CHEM	(4) (3/4) (4) (0/0)
<b>SOCIAL SCIENCES: (2 areas, 8 semesterunits min)</b> General Psychology Human Development <b>Select additional from:</b> Psychology, Sociology, Anthropology, Political Sciences	<b>SOCIAL SCIENCES: (2 areas, 8 semester units min)</b> PSYC 101 PSYC 230 or CD 170 <b>Select additional from:</b> PSYC, SOC, ANTH, PS	(3) (3/3)
<b>COMMUNICATION: (6-9 semester units)</b> Freshman English, complete sequence (CLEP not accepted) Speech	<b>COMMUNICATION: (6-9 semester units)</b> ENGL 115+116 COMM 104	(4+4) (3)
<b>HEALTH AND WELLNESS: (1-4 semester units)</b> Health Education (Personal Health or Nutrition) 2 PE Activity Courses	<b>HEALTH AND WELLNESS: (1-4 semester units)</b> HLTH 101 or 204 2 PE Activity Courses	(3/3) (2)

**ELECTIVES:** To meet minimum total requirements of 64 semester units

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**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

**TRANSITIONAL MS** - Admission to the program requires a bachelor's degree from an accredited college/university. Additional prerequisite coursework, beyond the bachelor's degree, is not required prior to entering this program. Students admitted to the Transitional Masters program must show evidence of having completed a minimum of one undergraduate course in each of the following areas prior to fall quarter of their second year in the program: biological sciences (such as biology, human anatomy, etc.), physical sciences (physics or chemistry preferred), statistics, and the social/behavioral sciences (such as psychology, sociology, educational psychology, etc.).

**COMMUNICATION SCIENCES & DISORDERS MS** - Admission to the program requires a bachelor's degree in Communication Disorders (also called Speech-Language Pathology). \*\*Note: students admitted to the graduate program must show evidence of having completed a minimum of one undergraduate course in each of the following areas: biological sciences (such as biology, human anatomy, etc.), physical sciences (physics or chemistry preferred), statistics, and the social/behavioral sciences (such as psychology, sociology, educational psychology, etc.).

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**LOMA LINDA UNIVERSITY  
SCHOOL OF ALLIED HEALTH PROFESSIONS  
2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: Certificate and BS Degree - CYTOTECHNOLOGY**

Cytotechnology is a specialty within the broad field of clinical laboratory science. Cytotechnologists aid in the early detection of disease by differentiating normal, atypical, and malignant cells. In recognizing microscopic abnormalities of cells and cellular patterns from the various body sites, the cytotechnologist assists the pathologist in detecting cancer at its earliest and potentially most curable stage. Medical applications of cytologic techniques are constantly expanding, particularly in the diagnosis and management of the cancer patient. Cytotechnologists work in hospitals, clinics, or in independent pathology laboratories. They can advance to supervisory positions, participate in research activities, or become teachers in the field.

<b>LOMA LINDA UNIVERSITY REQUIREMENTS:</b>	<b>SWC COURSE EQUIVALENCIES:</b>	<b>UNITS</b>
<b>HUMANITIES: (min. 14 semester units)</b> <b>Select from at least 3 subject areas:</b> Art/Music; Performing Arts (limited to 3 sem. units) Literature; Philosophy History; Foreign Language/Amer Sign Lang	<b>HUMANITIES: (min. 14 semester units)</b> <b>Select from at least 3 subject areas:</b> ART 150; MUS 105 ENGL 220, 230, 240, 250; PHIL 101, 103, 120 HIST 100, 101, 104, 105; Any Foreign Lang/Amer Sign Lang	
<b>NATURAL SCIENCES:</b> General Biology/lab, complete sequence Anatomy & Physiology/lab, sequence Microbiology/lab General Chemistry/lab, complete sequence Organic Chemistry/lab, complete sequence College Algebra	<b>NATURAL SCIENCES:</b> BIOL 210+211+212 BIOL 260+261 BIOL 265 CHEM 200+210 CHEM 240 + 242 MATH 101	(4+4+4) (4+4) (4) (5+5) (5+5) (3)
<b>SOCIAL SCIENCES: (2 areas, 8 semester units min)</b> Cultural Diversity (required) <b>Select remainder from:</b> Anthropology; Economics Psychology; Political Science Sociology; Geography	<b>SOCIAL SCIENCES: (2 areas, 8 semester units min)</b> ANTH 102 <b>Select remainder from:</b> ANTH 101, 103; ECON 101, 102 PSYC 101, 106, 230; PS 101 SOC 101, 110, 116, 135; GEOG 100	(3)
<b>COMMUNICATION: (min 6 semester units)</b> Freshman English, complete sequence (CLEP not accepted) <b>If needed, select remainder from:</b> Computers Speech	<b>COMMUNICATION: (min 6 semester units)</b> ENGL 115+116 <b>If needed, select remainder from:</b> CIS 101 COMM 104	(4+4) (4) (3)
<b>HEALTH AND WELLNESS: (min 2 semester units)</b> Health Education (Personal Health or Nutrition) 2 PE Activity Courses	<b>HEALTH AND WELLNESS: (min 2 semester units)</b> HLTH 101 OR 204 2 PE Activity Courses	(3/3) (2)

**ELECTIVES: To meet minimum total requirements of 64 semester units**  
(Cell biology, genetics, histology recommended)

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**LOMA LINDA UNIVERSITY  
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2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: HEALTH CARE ADMINISTRATION, B.S. (ONLINE)**

Healthcare administration is a broad-based discipline. The BSHA program prepares individuals to support health care professionals such as clinicians, researchers, and executives in assisted living and skilled nursing facilities, rehabilitation centers, private, public, and proprietary clinics, and medical centers.

The online Bachelor of Science in Healthcare Administration (BSHA) program educates students to competently function as Healthcare Administrators in the various healthcare environments. Health care administrators are the backbone of the medical professions. They ensure that health professionals have the tools, supplies, and working environment necessary to properly care for their patients, community members, and other populations.

The BSHA program was created to meet the needs of the adult learner or working professional that has already taken previous coursework at an accredited college or university. The BSHA program was designed as an online program to meet the needs of our students with full-time employment and hectic schedules. We provide the opportunity for students to visit the Loma Linda University (LLU) campus twice during the program, once for orientation and upon graduation. The BSHA program commences annually summer quarter. Applications must be submitted by April 1st of the year of desired acceptance.

<b>LOMA LINDA UNIVERSITY REQUIREMENTS:</b>	<b>SWC COURSE EQUIVALENCIES:</b>	<b>UNITS</b>
<p><b>HUMANITIES: (14 semester units minimum)</b>  <b>Select from at least 3 subject areas:</b>            Art/Music; Performing Arts (limited to 3 sem. units)            Literature; Philosophy            History; Foreign Language/Amer Sign Lang</p> <p><b>NATURAL SCIENCES MINIMUM GEN ED:</b>            Anatomy &amp; Physiology, 1 semester            Medical Terminology            2 years HS Algebra/C grade or better or Intermediate Algebra  <b>Select additional from:</b>            Chemistry; Mathematics; Physics, Geology</p> <p><b>SOCIAL SCIENCES: (2 areas, 8 semester units min)</b>  <b>Select units from:</b>            Psychology, Sociology            Anthropology; Political Science, Economics</p> <p><b>COMMUNICATION:</b>            Freshman English, complete sequence (CLEP not accepted)            Speech            Computers (College or High School)</p> <p><b>HEALTH AND WELLNESS: (min 2 sem units)</b>            Health Education (Personal Health or Nutrition)            2 PE Activity Courses</p>	<p><b>HUMANITIES: (14 semester units minimum)</b>  <b>Select from at least 3 subject areas:</b>            ART 150; MUS 105 (Applied Art/Music 2 sem units max)            ENGL 220, 230, 240, 250; PHIL 101, 103, 120            HIST 100, 101, 104, 105; Any Foreign Lang/Amer Sign Lang</p> <p><b>NATURAL SCIENCES MINIMUM GEN ED:</b>            BIOL 260 (4)            MEDOP 230 (3)            HS <u>or</u> MATH 60 (required/no credit) (0/0)  <b>Select additional from:</b>            CHEM 100; MATH 119; PHYS 170; GEOL</p> <p><b>SOCIAL SCIENCES: (2 areas, 8 semester units min)</b>  <b>Select units from:</b>            PSYC 101, 106, 230; SOC 101, 110, 116, 135            ANTH 101, 102, 103; PS 101; ECON 101, 102</p> <p><b>COMMUNICATION:</b>            ENGL 115+116 (4+4)            COMM 104 (3)            CIS 101 <u>or</u> High School (4/0)</p> <p><b>HEALTH AND WELLNESS: (min 2 sem units)</b>            HLTH 101 or 204 (3/3)            2 PE Activity Courses (2)</p>	

**ELECTIVES:** To meet the minimum at completion of the program students must have a total of 128 semester units, inclusive of Core BSHA courses and elective units.

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**LOMA LINDA UNIVERSITY  
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2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: BS Degree - HEALTH INFORMATION ADMINISTRATION**

Health Information Management includes the development of information systems to provide optimal user access to medical records and other vital patient data. The health information specialist also manages or consults in maintenance of quality and legal standards for data used in administrative planning, research, patient care evaluation, and financial reimbursement. Opportunity exists for those with organizational talent, creative and analytic ability, and management skills. Graduates may find employment in Hospitals, Research Centers, Health Data Organizations, Insurance Companies, Industries, or Ambulatory Care Facilities.

**LOMA LINDA UNIVERSITY REQUIREMENTS:**

**HUMANITIES: (14 semester units)**

**Select from at least 3 subject areas:**

Art/Music (Performing Arts limited to 3 semester hrs)  
Literature; Philosophy  
History; Foreign Language/Amer Sign Lang

**NATURAL SCIENCES: (2 areas, 8 semester units min)**

Anatomy & Physiology/lab, complete sequence  
2 yrs HS Algebra/Grade C or better or Intermediate Algebra  
Medical Terminology

**Select one additional course from the following areas:**

Physics; Mathematics; Chemistry; Geology, Astronomy

**SOCIAL SCIENCES: (2 areas, 8 semester units min)**

Cultural Diversity (required)  
General Psychology

**Select one additional course from the following areas:**

Anthropology; Sociology;  
Economics; Political Science, Geography

**COMMUNICATION:**

Freshman English, complete sequence (CLEP not accepted)  
Intro to Computers/Word Processing  
Business Communications

**HEALTH AND WELLNESS: (min 2 semester units)**

Health or Nutrition  
2 PE Activity Courses

**OTHER REQUIREMENT:**

Intro Accounting (1 semester)

**SWC COURSE EQUIVALENCIES:**

**HUMANITIES: (14 semester units)**

**Select from at least 3 subject areas:**

ART 150; MUS 105 (Applied Art/Music 2 sem hrs max)  
ENGL 220, 230, 240, 250; PHIL 101, 103, 120  
HIST 100, 101, 104, 105; Any Foreign Lang/Amer Sign Lang

**NATURAL SCIENCES: (2 areas, 8 semester units min)**

BIOL 260 + 261 (4+4)  
HS or MATH 60 (required/no credit) (0/0)  
MEDOP 230 (3)

**Select one additional course from the following areas:**

PHYS; MATH; CHEM; GEOL, ASTR

**SOCIAL SCIENCES: (2 areas, 8 semester units min)**

ANTH 102 (3)  
PSYC 101 (3)

**Select one additional course from the following areas:**

ANTH 101, 103; SOC 101, 110, 116, 135  
ECON 101, 102; PS 101; GEOG 100

**COMMUNICATION:**

ENGL 115+116 (4+4)  
CIS 101 (4)  
BUS 212 (3)

**HEALTH AND WELLNESS: (min 2 semester units)**

HLTH 101 or 204 (3/3)  
2 PE Activity Courses (2)

ACCT 101 (4)

**ELECTIVES: To meet minimum total requirements of 64 semester units**

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**CODING SPECIALIST CERTIFICATE** - HS Diploma/GED req. Applicant must complete: Anatomy & Physiology, Medical Terminology, Essentials of Human Disease, and Introduction to Computer Applications.

**CERTIFICATE PROGRAM** - Applicant must have baccalaureate degree and complete the following requirements: Accounting, Introduction to Computer Applications (must include word processing), Intermediate Algebra, Anatomy & Physiology (sequence), General Psychology, Medical Terminology, Statistics, Business Communications and Personnel Management.

**HEALTH INFORMATICS MS** – Applicant must have a bachelor's degree from an accredited U.S. college or university or the foreign equivalent of a bachelor's degree. Minimum GPA of 3.0. The Graduate Record Exam (GRE) may be requested and considered for GPA's less than 3.0.

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**LOMA LINDA UNIVERSITY  
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2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: HEALTH PROFESSIONS EDUCATION (PB certificate, M.S.)**

The 27-credit Health Professions Education post baccalaureate certificate and the 48-quarter unit Master of Science degree are designed for faculty who want to enhance the effectiveness and efficiency of student learning in the classroom and clinic. Upon completion, graduates will be able to plan for effective learning experiences; improve assessment and evaluation of learning and instruction; and evaluate clinical performance with confidence, improve classroom performance, enhance academic administration skills, and develop expertise in health professions education.

Courses to complete the Master of Science degree include the core 18 credit units and a minimum of 6 credit units in Domain I and 6 credit units in Domain II, to a total of 48 credit units.

Units to complete the post baccalaureate certificate include the core 18 credit units and a minimum of 9 credit units selected in consultation with the program director from Domains I and II.

Additional courses may be added to each domain in consultation with the program director.

Requirements for admissions include a minimum of a baccalaureate degree from an accredited institution, licensure or eligibility for licensure in a recognized health care profession (or approved by program director) and a GRE score >750.

**LOMA LINDA UNIVERSITY  
SCHOOL OF ALLIED HEALTH PROFESSIONS  
2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: MEDICAL RADIOGRAPHY, A.S.**

Loma Linda University offers a number of programs that prepare personnel to assist the specialized physician in obtaining anatomical and physiological images of the body or in treating diseases by the use of various types of radiation. The graduate can find employment in hospitals, medical & physician's offices/clinics, public health agencies, industry, and Armed Forces. This program is recommended for the student wishing to become a radiologic technologist in a diagnostic radiography department, assisting in fluoroscopic examinations, diagnostic tests, and specialized operating room procedures.

Programs exist in the following areas: medical radiography (AS degree), radiation technology (BS degree), and certificates in medical sonography, nuclear medicine technology, radiation therapy technology, and special imaging technology.

<b>LOMA LINDA UNIVERSITY REQUIREMENTS:</b>	<b>SWC COURSE EQUIVALENCIES:</b>	<b>UNITS</b>
<b>NATURAL SCIENCES:</b>	<b>NATURAL SCIENCES:</b>	
Human Anatomy & Physiology/lab, sequence	BIOL 260 + 261	(4+4)
Intro Physics <u>or</u> Intro Chemistry (college or HS)	PHYS 170 or CHEM 100 or HS Chemistry	(3/4/0)
Medical Terminology	MEDOP 230	(3)
2 yrs HS Algebra/Grade C or better or Inter Algebra	HS <u>or</u> MATH 60 (required/no credit)	(0/0)
<b>SOCIAL SCIENCE:</b>	<b>SOCIAL SCIENCE:</b>	
General Psychology <u>or</u> Sociology	PSYC 101 or SOC 101	(3/3)
<b>COMMUNICATION: (min 6 sem units)</b>	<b>COMMUNICATION: (min 6 sem units)</b>	
Freshman English, complete sequence (CLEP not accepted)	ENGL 115+116	(4+4)
Speech	COMM 104	(3)
Computers (college or HS)	CI 101 <u>or</u> HS computer	(4/0)

**ELECTIVES:** To meet minimum total requirements of 28 semester units

**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

**WORK EXPERIENCE:** 12 hours minimum work/observation experience (volunteer/employee) in a Radiology Department.

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**LOMA LINDA UNIVERSITY  
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2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: NUCLEAR MEDICINE, B.S.**

The nuclear medicine technologist assists the physician in the use of radioactive tracers within the body to examine organ function and structure. Tasks include calibration of radiation detection equipment, measurement of radioactive tracers, and mathematical calculations to determine test results.

During the Bachelor of Science program, students take formal coursework and complete clinical hours up to a 40-hour week. This program is full-time for 117 weeks (undergraduate students), or 103 weeks, and the program schedule extends through academic vacation periods.

<b>LOMA LINDA UNIVERSITY REQUIREMENTS:</b>	<b>SWC COURSE EQUIVALENCIES:</b>	<b>UNITS</b>
<b>HUMANITIES: (14 semester units minimum)</b> <b>Select from at least 3 subject areas:</b> Art/Music; Performing Arts/Applied Arts (limited to 3 sem. hrs) Literature; Philosophy History; Foreign Language/Amer Sign Lang	<b>HUMANITIES: (14 semester units minimum)</b> <b>Select from at least 3 subject areas:</b> ART 150; MUS 105 (Applied Art/Music 2 sem hrs max) ENGL 220, 230, 240, 250; PHIL 101, 103, 120 HIST 100, 101, 104, 105; Any Foreign Lang/Amer Sign Lang	
<b>NATURAL SCIENCES:</b> Anatomy & Physiology/lab, (complete seq) College Algebra General Chemistry/lab (one year) Intro Physics/w lab Medical Terminology	<b>NATURAL SCIENCES:</b> BIOL 260 + 261 MATH 101 CHEM 200+210 PHYS 170+171L MEDOP 230	(4+4) (3) (5+5) (3+1) (3)
<b>SOCIAL SCIENCES:</b> General Psychology Intro to Sociology Lifespan Development	<b>SOCIAL SCIENCES:</b> PSYC 101 SOC 101 PSYC 230	(3) (3) (3)
<b>COMMUNICATION:</b> Freshman English, complete seq (req) (CLEP not accepted) Speech	<b>COMMUNICATION:</b> ENGL 115+116 COMM 104	(4+4) (3)
<b>HEALTH AND WELLNESS:</b> Health Education (Personal Health or Nutrition) 2 PE Activity Courses	<b>HEALTH AND WELLNESS:</b> HLTH 101 or 204 2 PE Activity Courses	(3/3) (2)

**ELECTIVES:** To meet the minimum total of 64 semester units

**WORK EXPERIENCE:** Twenty-four (24) hours minimum work/observation experience (volunteer/employee) in a Nuclear Medicine Department.

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2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: BS Degree - NUTRITION AND DIETETICS OR  
\* MS Degree - NUTRITION AND DIETETICS**

The dietitian translates the science of nutrition into the skill of furnishing optimal nourishment to people. Increased recognition of the value of nutrition in health care offers the dietitian a steadily widening horizon of professional opportunities. Opportunities may also be found in health care research programs, food industries, state agencies, and nutrition care management.

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<b>LOMA LINDA UNIVERSITY REQUIREMENTS:</b>	<b>SWC COURSE EQUIVALENCIES:</b>	<b>UNITS</b>
<b>HUMANITIES: (14 semester units minimum)</b> <b>Select from at least 3 subject areas:</b> Art/Music; Performing Arts (limited to 3 sem. hrs) Literature; History Philosophy; Foreign Language/Amer Sign Lang	<b>HUMANITIES: (14 semester units minimum)</b> <b>Select from at least 3 subject areas:</b> ART 150; MUS 105 (Applied Art/Music 2 sem. hrs max) ENGL 220, 230, 240, 250; HIST 100, 101, 104, 105 PHIL 101, 103, 120; Any Foreign Lang/Amer Sign Lang	
<b>NATURAL SCIENCES:</b> *General Chemistry/lab (full year) *Human Anatomy & Physiology/lab, sequence *Microbiology/lab *College Algebra or above	<b>NATURAL SCIENCES:</b> CHEM 200+210 BIOL 260+261 BIOL 265 MATH 101	(5+5) (4+4) (4) (3)
<b>SOCIAL SCIENCES: (2 areas, 8 sem. units min)</b> Psychology Sociology <b>Select additional from:</b> Psychology; Sociology; Anthro.; Political Science, Geog.	<b>SOCIAL SCIENCES: (2 areas, 8 sem. units min)</b> PSYC 101, 106 SOC 101, 110, 116, 135 <b>Select additional from:</b> PSYCH, SOC, ANTH, PS, GEOG	(3/3) (3/3/3)
<b>COMMUNICATION:</b> Freshman English, complete sequence (CLEP not accepted) Speech	<b>COMMUNICATION:</b> ENGL 115+116 COMM 104	(4+4) (3)
<b>HEALTH AND WELLNESS: (min 2 sem units)</b> *Human Nutrition 2 PE Activity Courses	<b>HEALTH AND WELLNESS: (min 2 sem units)</b> HLTH 204 2 PE Activity Courses	(3) (2)

**ELECTIVES:** To meet minimum total requirements 64 semester units

**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

**\*For M.S. Degree Only:** Individuals who already have a bachelor's degree from a regionally accredited college or university need to complete only the prerequisites denoted with an asterisk (\*).

**PLEASE NOTE THAT C MINUS (C-) GRADES ARE NOT TRANSFERABLE FOR CREDIT**

To apply online log onto: <http://www.llu.edu/apply/>

**LOMA LINDA UNIVERSITY  
SCHOOL OF ALLIED HEALTH PROFESSIONS  
2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: Entry-Level MOT – Occupational Therapy**

Occupational Therapists work with clients across the lifespan from newborn infants to the elderly. Intervention strategies include therapeutic activities, adaptive equipment and assistive technology to address needs in motor, sensory, cognitive, visual, perceptual, emotional and social. Occupational therapists work in a variety of settings, such as hospitals, schools, mental health centers, home health agencies, nursing homes, ergonomic and corporate settings, private practices, prevention program and community setting such as domestic violence and homeless shelters.

To be eligible for admission, the applicant must have completed the following prerequisites.

**DEGREE REQUIREMENT: BACCALAURATE DEGREE AT AN ACCREDITED COLLEGE OR UNIVERSITY**

<b>NATURAL SCIENCES:</b>	<b>NATURAL SCIENCES:</b>	<b>UNITS</b>
Human Anatomy & Physiology w/lab (complete sequence)*	BIOL 260+261	(4+4)
Statistics*	MATH 119 OR PSYC 270	(4/3)
Medical Terminology	MEDOP 230	(3)
<b>SOCIAL SCIENCES:</b>	<b>SOCIAL SCIENCES:</b>	
Human Growth & Development	PSYC 230	(3)

**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

\*These courses must have been taken within 5 years prior to entry to our program.

**WORK EXPERIENCE:** A minimum of 40 hours of work/observation experience (volunteer/employee) in an Occupational Therapy Department.

**TEST REQUIREMENT:** None required

**PLEASE NOTE THAT GRADES BELOW “C” ARE NOT TRANSFERABLE FOR CREDIT**

To apply online log onto: [www.otcas.org](http://www.otcas.org).

**LOMA LINDA UNIVERSITY  
SCHOOL OF ALLIED HEALTH PROFESSIONS  
2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: Orthotics and Prosthetics – MS**

The Entry-level MSOP program is for individuals with no previous degree in Orthotics & Prosthetics. No Bachelors degree is required and the program is 10 quarters in length. Applicants must complete all of the following prerequisites courses.

<b>LOMA LINDA UNIVERSITY REQUIREMENTS:</b>	<b>SWC COURSE EQUIVALENCIES:</b>	<b>UNITS</b>
<p><b>HUMANITIES: (14 semester units minimum)</b>  <b>Select from at least 3 subject areas:</b>            History (1 course required)            Philosophy (1 course required)  <b>Select additional units from:</b>            Art/Music; Performing Arts (limited to 3 sem. units)            Literature            Foreign Language/American Sign Language  <b>The department recommends additional electives in this area</b></p>	<p><b>HUMANITIES: (14 semester units minimum)</b>  <b>Select from at least 3 subject areas:</b>            HIST 100, 101, 104, 105            PHIL 101, 103, 120  <b>Select additional units from:</b>            ART 150; MUS 105(Applied Art/Music 2 sem hr max)            ENGL 220, 230, 240, 250            Any Foreign Language/American Sign Language  <b>The department recommends additional electives in this area</b></p>	
<p><b>NATURAL SCIENCES: (courses are required, units may vary)</b>            *Anatomy &amp; Physiology/lab            *Intro or General Chemistry/lab            *Intro or General Physics/lab            *Statistics</p>	<p><b>NATURAL SCIENCES: (courses are required, units may vary)</b>            BIOL 260+261 (4+4)            CHEM 100+110 or 200+210 (4+4/5+5)            PHYS 170+171L (3+1)            MATH 119 or PSYC 270 (4/3)</p>	
<p><b>SOCIAL SCIENCES: (2 areas, 8 sem units min)</b>            General Psychology (required)            *Growth &amp; Development <u>or</u> Abnormal Psychology  <b>Select additional credits from:</b>            Sociology, Anthropology, Political Science  <b>The department recommends additional electives in this area</b></p>	<p><b>SOCIAL SCIENCES: (2 areas, 8 sem units min)</b>            PSYC 101 (3)            PSYC 230 or 250 or CD 170 (3/3/3)  <b>Select additional credits from:</b>            SOC, ANTH, PS</p>	
<p><b>COMMUNICATION: (6 sem. units min.)</b>            Freshman English, complete sequence (CLEP not accepted)            Speech</p>	<p><b>COMMUNICATION: (6 sem. units min.)</b>            ENGL 115+116 (4+4)            COMM 104 (3)</p>	
<p><b>HEALTH AND WELLNESS:</b>            2 PE Activity Courses (required)            The department recommends additional electives in this area.</p>	<p><b>HEALTH AND WELLNESS:</b>            2 PE Activity Courses (2)</p>	

**ELECTIVES:** To meet a minimum total requirements of 64 semester units. Maximum of 70 semester units transfer from junior/community colleges.

**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

**WORK EXPERIENCE:** Eighty work/observation hours under the supervision of a CPO practitioner are required.

**TEST REQUIREMENT:** None required

**PLEASE NOTE THAT C MINUS (C-) GRADES ARE NOT TRANSFERABLE FOR CREDIT**

To apply: Call Hans Schaepper at (909) 720-1201 or Ralph Ibarra (909) 651-5797 to get directions.

\*Individuals who have received a bachelor's degree from a regionally accredited college or university need to complete only the prerequisites denoted with an asterisk (\*).

**LOMA LINDA UNIVERSITY  
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2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: AS Degree - PHYSICAL THERAPIST ASSISTANT**

The physical therapist assistant is a skilled technical health care provider who, under the supervision of a physical therapist, assists in the patients' treatment program. The extent to which the physical therapist assistant is involved in treatment depends upon the policies of the health facility, the supervising therapist, and the patient.

Physical therapist assistants are in demand; graduates have a wide choice of opportunities with hospitals, rehabilitation centers, outpatient clinics, national and state agencies, and schools of physical therapy.

<b>LOMA LINDA UNIVERSITY REQUIREMENTS:</b>	<b>SWC COURSE EQUIVALENCIES:</b>	<b>UNITS</b>
<b>HUMANITIES: (3 semester hours minimum)</b> <b>Select one from:</b> Art/Music (Performing/Applied Art/Music not acceptable) Philosophy/History Literature; Foreign Lang/Amer Sign Lang	<b>HUMANITIES: (3 semester hours minimum)</b> <b>Select one from:</b> ART 150; MUS 105(Applied Art/Music not acceptable) PHIL 101, 103, 120; HIST 100, 101, 104, 105 ENGL 220, 230, 240, 250; Any Foreign Lang/Amer Sign Lang	
<b>NATURAL SCIENCES:</b> *Human Anatomy & Physiology/lab, sequence *Intro Physics/lab, (1 semester) *2 yrs HS Algebra/Grade C or better or Intermediate Algebra	<b>NATURAL SCIENCES:</b> BIOL 260+261 PHYS 170+171L HS <u>or</u> MATH 60 (required/no credit)	(4+4) (3+1) (0/0)
<b>SOCIAL SCIENCES:</b> *General Psychology *Developmental Psychology <u>or</u> Abnormal Psych	<b>SOCIAL SCIENCES:</b> PSYC 101 PSYC 230 or CD 170 or PSYC 250	(3) (3/3/3)
<b>COMMUNICATION:</b> Freshman English, complete sequence (CLEP not accepted) *Speech	<b>COMMUNICATION:</b> ENGL 115+116 COMM 104	(4+4) (3)
<b>HEALTH AND WELLNESS:</b> Health Education (Personal Health or Nutrition) <u>OR</u> 2 PE Activity Courses	<b>HEALTH AND WELLNESS:</b> HLTH 101 or 204 <u>OR</u> 2 PE Activity Courses	((3/3)) (2)

**ELECTIVES:** To meet minimum total requirements of 32 semester units

**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

**WORK EXPERIENCE:** A minimum of 80 hours work/observation experience (volunteer/employee) in a Physical Therapy Department, 20 hours of which must be in an inpatient setting and 20 hours in an outpatient setting.

\*Individuals who already have a bachelor's degree from a regionally accredited college or university need to complete only the prerequisites denoted with an asterisk (\*).

\*\* **Please Note:** All students entering the program in June 2017 will be required to have Medical Terminology.

**PLEASE NOTE THAT C MINUS (C-) GRADES ARE NOT TRANSFERABLE FOR CREDIT**

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**LOMA LINDA UNIVERSITY  
SCHOOL OF ALLIED HEALTH PROFESSIONS  
2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: Entry-level DPT – PHYSICAL THERAPY with no previous Bachelor’s degree**

The Entry-level DPT program is for individuals with no previous degree in Physical Therapy. No Bachelors degree is required and the program is 3 years in length. Applicants must complete all of the following prerequisites courses.

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<b>LOMA LINDA UNIVERSITY REQUIREMENTS:</b>	<b>SWC COURSE EQUIVALENCIES:</b>	<b>UNITS</b>
<b>HUMANITIES: (16 sem units minimum)</b>		
<u>Must include at least one upper division course</u>		
<b>Select from at least 3 subject areas:</b>		
Art/Music; Performing Arts (limited to 3 sem. units)	ART 150; MUS 105 (Applied Art/Music 2 sem hrs max)	
Philosophy; History	PHIL 101, 103, 120; HIST 100, 101, 104, 105	
Literature; Foreign Language/Amer Sign Lang	ENGL 220, 230, 240, 250; Any Foreign Lang/Amer Sign Lang	
<b>The department recommends additional electives in this area</b>		
<b>NATURAL SCIENCES:</b>		
Anatomy & Physiology/lab, seq	BIOL 260+261	(4+4)
General Chemistry/lab, seq	CHEM 200+210	(5+5)
General Physics/lab, seq	PHYS 170+171L+172+173L+174+175L	(3+1+3+1+3+1)
Statistics	MATH 119 or PSYC 270	(4/3)
Two additional Biological Science course	Two additional Biological Science course	
Medical Terminology	MEDOP 230	(3)
<b>SOCIAL SCIENCES: (8 semester units minimum)</b>		
<u>Must include at least one upper division course</u>		
General Psychology	PSYC 101	(3)
Human Growth & Development	PSYC 230 or CD 170	(3/3)
<b>Select additional credits from:</b>	<b>Select additional credits from:</b>	
Psychology, Sociology, Anthropology, Political Science	PSYCH, SOC, ANTH, PS	
Economics, Geography	ECON, GEOG	
<b>The department recommends additional electives in this area</b>		
<b>COMMUNICATION: (6 semester units minimum)</b>		
Freshman English, complete sequence (CLEP not accepted)	ENGL 115+116	(4+4)
Speech	COMM 104	(3)
<b>HEALTH AND WELLNESS:</b>		
Health Education (Personal Health or Nutrition)	HLTH 101 or 204	(3/3)
2 PE Activity Courses	2 PE Activity Courses	(2)
<b>The department recommends additional electives in this area.</b>		

**ELECTIVES:** To meet a minimum total requirements of 92 semester units. Students must have a minimum of 12 semester units of upper division course work. Maximum of 70 semester units may transfer from junior/community colleges.

**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

**WORK EXPERIENCE:** A minimum of eighty work/observation hours under the supervision of a physical therapist are required; twenty of the eighty hours must be in an inpatient setting and twenty of the eighty hours must be in an outpatient setting.

**PLEASE NOTE THAT C MINUS (C-) GRADES ARE NOT TRANSFERABLE FOR CREDIT**

**\* Please Note:** All students entering the program in June 2018 must have an earned Bachelor degree in any area from a “Regionally Accredited: institution. Please see the Transfer Pattern for Entry-level DPT with previous bachelor degree.

To apply online log onto: [www.ptcas.org](http://www.ptcas.org)



**LOMA LINDA UNIVERSITY  
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2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: Entry-Level DPT - PHYSICAL THERAPY with previous Bachelor's degree**

The entry-level Doctorate is for individuals who have an earned Bachelor's degree from an accredited college or university. These students will not receive a Bachelor's degree in Life Science from Loma Linda University. This group does not need to meet the General Education requirements outlined in the five Domains for the BS/DPT Track students, but they do need to have the following prerequisites to be eligible for entrance into the Doctorate program:

**NATURAL SCIENCES:**

- Human Anatomy & Physiology with lab, complete sequence
- General Chemistry with lab, complete sequence
- General Physics with lab, complete sequence
- Two additional Biological Science course
- Statistics
- Medical Terminology

**SOCIAL SCIENCES:**

- General Psychology (substitute courses may be approved by the Chairman of the Department)
- Human Growth & Development

**COMMUNICATION:**

- Speech

**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

**WORK EXPERIENCE:** A minimum of eighty hours of work/observation experience (volunteer/employee) in a Physical Therapy Department, twenty hours of which must be in an inpatient setting and twenty hours must be in an outpatient setting.

**TEST REQUIREMENT:** None required

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To apply online log onto: [www.ptcas.org](http://www.ptcas.org)

**LOMA LINDA UNIVERSITY  
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**Transfer Patterns for Southwestern College Students**

**ADDITIONAL POST PROFESSIONAL PHYSICAL THERAPY PROGRAMS:**

**MASTER OF SCIENCE IN REHABILITATION (formerly PP-MPT):** BSPT graduates may proceed directly into the MS in Rehabilitation program.

**POST PROFESSIONAL MASTER OF ORTHOTICS AND PROSTHETICS:** to be eligible for admission, the applicant must have earned a baccalaureate degree in orthotics and prosthetics or a baccalaureate degree in any major and orthotics or prosthetics certificate degree from an accredited college or university.

**POST PROFESSIONAL DOCTOR OF PHYSICAL THERAPY:** MPT graduates may proceed directly into the 45 unit track. Others with a BS in physical therapy may proceed directly to the 65 unit track. Please call our office for more information.

**DOCTOR OF SCIENCE IN PHYSICAL THERAPY:** MPT graduates may proceed directly into the Doctor of Science in Physical Therapy program. Others with a BS in physical therapy will need a master's degree before entering the doctoral program. Please call our office for more information.

**DOCTOR OF PHILOSOPHY IN PHYSICAL THERAPY:** This program provides national and international physical therapy graduates with the skills necessary to pursue careers as researchers and educators. The PhD in PT is a research-oriented degree with emphases on 1) Pain Science (Domain 1 – Core), 2) Movement Science (Domain 2 – Specialization), and Lifestyle Health & Wellness (Domain 4). This will give the PhD in PT a unique niche.

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To apply online log onto: <http://www.llu.edu/apply/>

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**LOMA LINDA UNIVERSITY  
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**Transfer Patterns for Southwestern College Students**

**MAJOR: M.P.A Degree - PHYSICIAN ASSISTANT**

The Physician Assistant profession had its inception in the mid-1960's. Since then Physician Assistants have become valuable, and essential health care professionals. They are highly trained members of a health team, who are academically and clinically prepared to provide health care services. They work in collaboration with a supervising physician to provide diagnostic, therapeutic, preventive, and health maintenance services.

Physician Assistants work mainly as primary care providers. They are, however, not limited to this area of health care, for they are able to function in any of the medical specialties. Physician Assistants are trained to deal with many medical emergencies. They also function as first or second assistants in major surgery, and provide pre- and post-operative care. Some Physician Assistants may also carry out managerial duties.

The number of employment opportunities for Physician Assistants continues to grow.

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**A baccalaureate degree from an accredited institution, PLUS at least 2,000 hours of hands-on patient care experience.**

**MINIMUM OVERALL GPA: 3.0 AND MINIMUM SCIENCE GPA: 3.0**

**LOMA LINDA UNIVERSITY REQUIREMENTS:**

**SWC COURSE EQUIVALENCIES:**

**UNITS**

General Chemistry/lab, sequence	CHEM 200+210	(5+5)
College Algebra <u>or</u> Equivalent	MATH 101	(3)
English Composition, complete seq.(CLEP not accepted)	ENGL 115+116	(4+4)
Human Anatomy & Physiology/lab, complete sequence	BIOL 260+261	(4+4)
Microbiology/lab	BIOL 265	(4)
Sociology <u>or</u> Cultural Anthropology <u>or</u> equivalent	SOC 101 or ANTH 102	(3/3)
General Psychology <u>or</u> equivalent	PSYC 101	(3)

**RECOMMENDED:** Statistics, Medical Terminology, Conversational Spanish

**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

**PLEASE NOTE THAT C MINUS (C-) GRADES ARE NOT TRANSFERABLE FOR CREDIT**

\*To apply for the Physician Assistant M. P. A. degree program, go to [caspaonline.org](http://caspaonline.org)

**LOMA LINDA UNIVERSITY  
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**Transfer Patterns for Southwestern College Students**

**MAJOR: RADIATION SCIENCES, B.S. (FOR IMAGING PROFESSIONALS) – ONLINE PROGRAM**

The Bachelor of Science in Radiation Sciences (BSRS) degree is a post-professional degree that provides the Imaging Professional with the foundational skills necessary to advance within the profession. Advancement into areas such as: management, supervisor, lead technologist, PACS manager, entry-level radiography instructor, and radiologist assistant can be obtained more readily when completing this advanced degree.

Students transferring to LLU must have certification from the American Registry of Radiologic Technologist (ARRT), or its equivalent. A maximum of 105 quarter/70 semester units from an accredited junior college will be accepted, including units for clinical training. If the maximum transfer units have been reached, any other General Education units required will need to be taken from a senior college or university. At completion of the program students must have a total of 192 qtr units, inclusive of Core BSRS courses, area of emphasis and elective units.

<b>LOMA LINDA UNIVERSITY REQUIREMENTS:</b>	<b>SWC COURSE EQUIVALENCIES:</b>	<b>UNITS</b>
<b>HUMANITIES: (14 semester units minimum)</b> <b>Select from at least 3 subject areas:</b> Art/Music; Performing Arts (limited to 3 sem. hrs) Literature; Philosophy History; Foreign Language/Amer Sign Lang	<b>HUMANITIES: (14 semester units minimum)</b> <b>Select from at least 3 subject areas:</b> ART 150; MUS 105 (Applied Art/Music 2 sem hrs max) ENGL 220, 230, 240, 250; PHIL 101, 103, 120 HIST 100, 101, 104, 105; ; Any Foreign Lang/Amer Sign Lang	
<b>NATURAL SCIENCES: (2 areas, 8 sem units min)</b> Anatomy & Physiology/lab, 1 semester 2 yrs HS Algebra/Grade C or better or Intermediate Algebra <b>Select additional from:</b> Chemistry; Mathematics; Physics	<b>NATURAL SCIENCES: (2 areas, 8 sem units min)</b> BIOL 260 HS or MATH 60 (required/no credit) <b>Select additional from:</b> CHEM 100, 110; MATH 119; PHYS 170	(4) (0/0)
<b>SOCIAL SCIENCES: (2 areas, 8 sem units min)</b> <b>Select units from:</b> Psychology; Sociology Anthropology; Political Science	<b>SOCIAL SCIENCES: (2 areas, 8 sem units min)</b> <b>Select units from:</b> PSYC 101, 106, 116, 230; SOC 101, 110, 116, 135 ANTH 101, 102, 103; PS 101	
<b>COMMUNICATION: (min 6 sem units)</b> Freshman English, complete seq (req) (CLEP not accepted) <b>If needed, select additional units from:</b> Speech or Computers	<b>COMMUNICATION: (min 6 sem units)</b> ENGL 115+116 <b>If needed, select additional units from</b> COMM 104 or CIS 101	(4+4) (3/4)
<b>HEALTH AND WELLNESS: (min 2 sem units)</b> Health Education (Personal Health or Nutrition) 2 PE Activity Courses	<b>HEALTH AND WELLNESS: (min 2 sem units)</b> HLTH 101 or 204 2 PE Activity Courses	(3/3) (2)

**ELECTIVES:** To meet the minimum at completion of the program students must have a total of 128 semester units, inclusive of Core BSRS courses, area of emphasis and elective units.

**PLEASE NOTE THAT C MINUS (C-) GRADES ARE NOT TRANSFERABLE FOR CREDIT**

**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

**RADIATION SCIENCES, M.S. ONLINE PROGRAM** - Applicants must have a 3.0 undergrad GPA, Certified by National Certifying body in Diagnostic Imaging (i.e. ARRT, ARDMS, NMTCB), copy of current professional license, official transcripts, resume, 3 letters of reference, telephone interview, and a 2-3 page essay describing personal and professional skills and accomplishments, interests, career goals, and how the MSRS will help them achieve these goals.

For information call: (909) 558-4931.

To apply online log onto: <http://www.llu.edu/apply/>

**LOMA LINDA UNIVERSITY**  
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**Transfer Patterns for Southwestern College Students**

**MAJOR: CERTIFICATE PROGRAMS IN RADIATION TECHNOLOGY**

Certificate programs are 3, 9 or 12 months (Medical Sonography two years) in length and cover the study of the principles and procedures and allow participation, under close supervision, in the clinical practice of the respective area.

**CARDIAC & VASCULAR IMAGING:**

Cardiac Interventional (CI) and Vascular Interventional (VI) technologists work in a highly specialized field operating sophisticated imaging equipment. This technology provides detailed fluoroscopic images of the human body, assisting physicians with quality patient diagnosis and treatment. The Cardiac and Vascular Imaging Program is a full-time, twelve-month certificate program that requires four quarters beginning in the autumn. During the program, students take formal coursework along with clinical instruction. There are no arrangements for part-time or evening status. Clinical sites are available in a variety of regions in Southern California. However, LLU cannot guarantee that the student will be placed close to his/her residence. The program's load requires 40 hours per week, which includes didactic and clinical experiences. Clinical experience involves up to four eight-hour days per week. Classes require the student to be on campus.

**COMPUTED TOMOGRAPHY & MAGNETIC RESONANCE IMAGING:** The computed tomography and magnetic resonance imaging technologist works in a highly specialized field operating sophisticated computerized imaging equipment. This technology provides detailed cross-sectional images of the human body, assisting physicians with quality patient diagnosis and treatment. To be eligible for admission to the certificate program in CT/MRI, applicants must meet the following requirements: current ARRT & CRT licenses, current CPR card, a minimum GPA of 2.5, and complete 12 hours of observation in a CT department and 12 hours of observation in an MRI department. Students can take CT or MRI independently or as a combined program. The 6-month CT track begins in Fall quarter. The 6-month MRI track begins in Spring or Fall quarter. The combined 12-month program begins in Fall quarter.

**DIAGNOSTIC MEDICAL SONOGRAPHY/ECHOCARDIOGRAPHY:** The Diagnostic Medical Sonographer, or Echocardiographer assists the physician in the use of high-frequency sound waves to obtain images of internal structures and body organs and in the examination of patients for physical anomalies or disease processes. Program begins in September and runs for either 12 months or 24 months. For each track, you will need to have completed any one of the following: 1) any two-year Allied Health degree, 2) Any A.S or A.A degree (science emphasis preferred), or 3) Any Bachelor degree. Prerequisites: Anatomy and Physiology with lab (sequence), Medical Terminology, College Algebra (taken within the last five years), Introductory Physics and Patient Care Methods. Prerequisites must be taken within the last five years with a grade 'C' or higher. Applicants must also complete 8 hours of observation (volunteer/employee) in an Ultrasound Department, preferably at LLUMC, and attend an information session either at LLU Open House or at one of the other scheduled times.

**IMAGING INFORMATICS:** The purpose of the program is to enable the learners to function as PACS Administrators (Picture Archiving Computer Systems). Applicants must be certified by the ARRT in Diagnostic Radiography. In addition applicants must have at least 2 years of experience with CR (computed radiography) or DR (direct radiography) or take a prerequisite CR/DR course (available online at LLU).

**MEDICAL DOSIMETRY:** Dosimetrists plan optimal isodose distributions and treatment dose calculations for a variety of external beam and brachytherapy treatments. The program is 5 quarters long. Students will either need to have: 1) ARRT registration in Radiation Therapy Technology with a minimum of two years post graduation clinical experience, and a baccalaureate degree. Prerequisites, College Algebra and Trigonometry (taken within the last three years) or 2) A baccalaureate degree in physics or math from an accredited university. Prerequisites: Anatomy and Physiology, Medical Terminology.

**RADIATION THERAPY TECHNOLOGY:** The radiation therapist works closely with the physician in determining the proper methods of using radiation to treat various disease states. Responsibilities include accurate treatment records and following prescribed treatment plans to ensure proper patient care. Program begins in September and runs 15 months. The applicant must fulfill one of the following requirements: 1) Be an ARRT registered radiologic technologist and/or graduate of an accredited radiologic technology program and have college credits in: College Algebra (taken within 3 years), Human Anatomy & Physiology/lab (complete sequence), Radiation Protection, Patient Care Methods, Radiation Physics, current CPR certification and General Psychology or 2) Be a registered nurse or graduate of an accredited Allied Health program (2 years minimum training) and have college credits in: College Algebra (taken within the last three years), Human Anatomy & Physiology with lab (complete sequence), Medical Terminology, Patient Care Methods, Radiation Physics, Radiation Protection, Principles of Radiology, General Psychology, CPR Certification. Both tracks must complete a minimum of 40 hours of career observation in a Radiation Oncology Department.

**RADIOGRAPHY ADVANCED PLACEMENT:** Advanced Placement programs in Radiologic Technology have been developed to accommodate the needs of former Radiologic Technology students in their quest for eligibility to take the American Registry of Radiologic Technologists (ARRT) Radiography examination. The ARRT distinguishes four types of students eligible for Advanced Placement Programs. One type of student is one that is no longer eligible under ARRT's five-year rule. A second type of student is one that is no longer eligible under ARRT's three-attempt, three-year rule. A third type of student is one that received their professional education in a country without an accreditation mechanism that was recognized by the ARRT at the time of program completion. The final type of student is one that may have already completed one or more of another program's didactic and/or clinical competency requirements.

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**LOMA LINDA UNIVERSITY  
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2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: RADIOLOGIST ASSISTANT M.S. R.S. (ENTER WITH A BA/BS DEGREE)**

The radiologist assistant (RA) is an advanced clinical role for an ARRT certified medical radiographer. The RA enhances patient care by extending the capacity of the radiologist in the diagnostic imaging environment. With radiologist supervision, the radiologist assistant performs patient assessment, patient management, fluoroscopy and other radiology procedures. The radiologist assistant also makes initial observations of diagnostic images, but does not provide an official interpretation.

The student will receive didactic and clinical mentoring in neonatal, pediatric, adult and geriatric populations. Courses will be a mix of discussion, projects, case studies and web-based learning. Students are responsible for finding their own clinical site and radiologist mentor. This is an online/blended program. Students need to be on campus for one day in the first Autumn Quarter, the first Winter and Spring Quarters and the final Spring Quarter. The rest of the time, coursework is taken online within Loma Linda University's web-enhanced learning environment.

Students can enter the online/blended Radiologist Assistant program with a Bachelor's degree from a regionally accredited institution. The Bachelor's degree can either be a Bachelor of Administration or a Bachelor of Science. The degree must be posted, and the transcript received, in order for the student to begin coursework in the fall.

**PREREQUISITES:**

- BA/BS degree from regionally accredited institution
- Graduate of an accredited medical radiography (x-ray) program
- ARRT (R) certified, and in good standing
- Current CPR certification (must complete ACLS certification prior to applying for boards)
- Two-years, full time experience (post-medical radiography licensure)
- Course in Statistics (within the past 5 years)
- Course in Research Methods (within the past 5 years)

The application window is open from January 1 to June 1 of each year, and the entire application process is completed online. The program starts once a year, in late September (fall quarter). The program is seven quarters long, which is just shy of two years.

To apply online log onto: <http://www.llu.edu/apply/>

**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

**LOMA LINDA UNIVERSITY  
SCHOOL OF ALLIED HEALTH PROFESSIONS  
2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: Ph.D. Degree-REHABILITATION SCIENCE**

The School of Allied Health Professions offers the Doctor of Philosophy degree in rehabilitation science. The degree program by design is inclusive of the many rehabilitation professions; and offers opportunities for qualified clinical professionals in allied health to prepare for careers in independent research, teaching, and administration. It is the goal of this program to prepare graduates who will:

- provide vision and direction for the integration of the rehabilitation professions;
- commit themselves to whole-person care;
- advance the theory and practice of rehabilitation science through research;
- acquire and integrate knowledge related to the social and basic medical sciences; and
- assess, develop, and implement interdisciplinary community-based services.

**Admission**

Applicants must meet the following minimum requirements:

- Bachelor's or Master's degree in physical therapy, occupational therapy, nutrition or communication sciences and disorders, with a minimum G.P.A. of 3.0 in academic and professional course work.

Prospective students are required to submit the following:

1. A formal letter of support from a primary research faculty member whose research interests and availability most closely match those of the applicant. The program director will coordinate meetings between applicants and prospective research faculty.
2. Curriculum vitae, including work history, formal education, continuing education, licensure or certification, professional organizations, honors, awards, publications, presentations, and grants.
3. At least one example of written work (e.g., term paper course assignment, publications, master's degree research project or thesis).

**Requirements**

A minimum of 114 units beyond the bachelor's degree is required for students holding a master's or doctoral degree in a professional area; up to 45 graduate level quarter units taken in completion of the professional degree may be applicable to the Doctor of Philosophy degree. Application of these credits to the Doctor of Philosophy degree must be reviewed by the School of Allied health Professions Doctor of Philosophy in Rehabilitation Science Committee prior to submission to the Faculty of Graduate Studies for approval. The student's program course work for the degree must be approved by the Doctor of Philosophy in Rehabilitation Science Committee.

**PLEASE NOTE GRADES MUST BE "B" OR BETTER FOR TRANSFERABLE CREDIT**

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**LOMA LINDA UNIVERSITY  
SCHOOL OF ALLIED HEALTH PROFESSIONS  
2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: B.S. Degree - RESPIRATORY CARE, BS**

The 2-year, upper division program leading to the Bachelor of Science degree is a sequence of additional professional course work intended to prepare respiratory therapists for positions in education, management, or science. Course work in the science emphasis may be applied toward meeting the entrance requirements for dentistry and medicine. Those electing to study on a part-time basis must complete the junior and senior years within a 4-year period.

<b>LOMA LINDA UNIVERSITY REQUIREMENTS:</b>	<b>SWC COURSE EQUIVALENCIES:</b>	<b>UNITS</b>
<b>HUMANITIES: (14 semester units minimum)</b> <b>Select from at least 3 subject areas:</b> Art/Music; Performing Arts (limited to 3 sem. hrs) Literature, Philosophy History; Foreign Language/Amer Sign Language	<b>HUMANITIES: (14 semester units minimum)</b> <b>Select from at least 3 subject areas:</b> ART 150; MUS 105(Applied Art/Music 2 sem hrs max) ENGL 220, 230, 240, 250; PHIL 101, 103, 120 HIST 100, 101, 104, 105; Any Foreign Lang/Amer Sign Lang	
<b>NATURAL SCIENCES:</b> Anatomy & Physiology/lab, seq (pref) <u>or</u> General Biology/lab Intro or General Chemistry/lab, complete sequence Microbiology/lab Intro Physics/lab, 1 semester <u>or</u> HS Physics 2 yrs HS Algebra/Grade C or better or Intermediate Algebra	<b>NATURAL SCIENCES:</b> BIOL 260+261 or 210+211+212 CHEM 100+110 or 200+210 BIOL 265 PHYS 170+171L or HS Physics HS <u>or</u> MATH 60 (required/no credit)	(4+4/4+4+4) (4+4/5+5) (4) (3+1/0) (0/0)
<b>SOCIAL SCIENCES: (2 areas, 8 sem units min)</b> Cultural Diversity (required) Psychology (required) <b>Select additional from:</b> Anthropology; Sociology; Psychology Political Science; Economics; Geography	<b>SOCIAL SCIENCES: (2 areas, 8 sem units min)</b> ANTH 102 PSYC 101 <b>Select additional from:</b> ANTH 101, 103; SOC 101, 110, 116, 135; PSYC 106, 230 PS 101; ECON 101, 102; GEOG 101	(3) (3)
<b>COMMUNICATION:</b> Freshman English, complete sequence (CLEP not accepted) Speech Computers (college or high school)	<b>COMMUNICATION:</b> ENGL 115+116 COMM 104 CIS 101 or HS	(4+4) (3) (3/0)
<b>HEALTH AND WELLNESS: (min 2 sem units)</b> Health Education (Personal Health or Nutrition) 2 PE Activity Courses	<b>HEALTH AND WELLNESS: (min 2 sem units)</b> HLTH 101 or 204 2 PE Activity Courses	(3/3) (2)

**ELECTIVES:** To meet minimum total requirements of 55 semester units

**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

**PLEASE NOTE THAT C MINUS (C-) GRADES ARE NOT TRANSFERABLE FOR CREDIT**

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**LOMA LINDA UNIVERSITY  
SCHOOL OF ALLIED HEALTH PROFESSIONS  
2016-2017**

**Transfer Patterns for Southwestern College Students**

**MAJOR: B.S. Degree - RESPIRATORY CARE, BS (ADVANCED PRACTITIONER)**

**BACHELOR OF SCIENCE:** After completing an Associate in Science degree in respiratory care from a COARC approved program or the equivalent, the student may continue studies toward the Bachelor of Science degree, completing a computer course and the general studies requirements as outlined below. Students transferring in with an A.S. in Respiratory Therapy need to know that a maximum of 70 semester units only will transfer to LLU. If the maximum transfer units have been reached, any other General Ed units required will need to be taken from a senior college or university. Total of 128 semester units at completion of the program.

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<b>LOMA LINDA UNIVERSITY REQUIREMENTS:</b>	<b>SWC COURSE EQUIVALENCIES:</b>	<b>UNITS</b>
<b>HUMANITIES: (14 semester units minimum)</b> <b>Select from at least 3 subject areas:</b> Art/Music; Performing Arts (limited to 3 sem. hrs) Literature, Philosophy History; Foreign Language/Amer Sign Language	<b>HUMANITIES: (14 semester units minimum)</b> <b>Select from at least 3 subject areas:</b> ART 150; MUS 105(Applied Art/Music 2 sem hrs max) ENGL 220, 230, 240, 250; PHIL 101, 103, 120 HIST 100, 101, 104, 105; Any Foreign Lang/Amer Sign Lang	
<b>NATURAL SCIENCES:</b> Anatomy & Physiology/lab, seq (pref) <u>or</u> General Biology/lab Intro or General Chemistry/lab, complete sequence Microbiology/lab Intro Physics/lab, 1 semester <u>or</u> HS Physics 2 yrs HS Algebra/Grade C or better or Intermediate Algebra	<b>NATURAL SCIENCES:</b> BIOL 260+261 or 210+211+212 CHEM 100+110 or 200+210 BIOL 265 PHYS 170+171 or HS Physics HS <u>or</u> MATH 60 (required/no credit)	(4+4/4+4+4) (4+4/5+5) (4) (3+1/0) (0/0)
<b>SOCIAL SCIENCES: (2 areas, 8 sem units min)</b> Cultural Diversity (required) Psychology or Sociology <b>Select additional from:</b> Anthropology; Sociology; Psychology Political Science; Economics; Geography	<b>SOCIAL SCIENCES: (2 areas, 8 sem units min)</b> ANTH 102 PSYC 101 or SOC 101 <b>Select additional from:</b> ANTH 101, 103; SOC 110, 116, 135; PSYC 106, 230 PS 101; ECON 101, 102; GEOG 101	(3) (3/3)
<b>COMMUNICATION:</b> Freshman English, complete sequence (CLEP not accepted) Speech Computers	<b>COMMUNICATION:</b> ENGL 115+116 COMM 104 CIS 101	(4+4) (3) (3)
<b>HEALTH AND WELLNESS: (min 2 sem units)</b> Health Education (Personal Health or Nutrition) 2 PE Activity Courses	<b>HEALTH AND WELLNESS: (min 2 sem units)</b> HLTH 101 or 204 2 PE Activity Courses	(3/3) (2)

**ELECTIVES:** To meet minimum total requirements of 64 semester units

**Any student who has attended a Seventh-day Adventist college/university, may be required to have religion course(s).**

**PLEASE NOTE THAT C MINUS (C-) GRADES ARE NOT TRANSFERABLE FOR CREDIT**

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**MSRC** - The Master of Science Respiratory Care Program is a fully online and face to face degree especially designed for the individuals who are registered respiratory therapists and are looking to advance their knowledge and training with a focus on evidence-based research service learning. This unique program will assist in the development of Respiratory Care Practitioners in the areas of education, research, advance respiratory care science, clinical skills and leadership development. For additional information call (909) 558-4932 or email [Studycardio@llu.edu](mailto:Studycardio@llu.edu)