

**MAJOR: Certificate and BS Degree - CYTOTECHNOLOGY (Clinical Lab Science)**

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.

To be eligible for admission to the CERTIFICATE program only, the applicant must have a baccalaureate degree and complete the science and mathematics requirements given below. To continue into the B.S. program, all other general education requirements as outlined below must be fulfilled.

**LOMA LINDA UNIVERSITY REQUIREMENTS:****SANTIAGO CANYON COURSE EQUIVALENCIES:****DOMAIN 1: RELIGION AND HUMANITIES:**

(Total of 20 qtr units minimum in Domain 1)

(Total of 20qtr/14 sem units minimum in Domain 1)

RELIGION 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

**HUMANITIES (min 12 qtr/8 sem units)**Select from at least 3 subject areas:

Art/Music (Performing Arts limited to 4 qtr hrs)

Literature; Philosophy

History; Foreign Language/Amer Sign Lang

**HUMANITIES (min 12 qtr/8 sem units)**Select from at least 3 subject areas:

ART 101,102; MUS 101 (Applied Art/Mus 2 hr max)

ENGL 231,232,241,242,270; PHIL 106,108,110,111

HIST 101,102,120,121; Any Foreign Language/Amer Sign Lang

**DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS: (min 12 qtr/8 sem TOTAL from at least 2 areas)****NATURAL SCIENCES MINIMUM GEN ED****Program Requirements:**

Gen Biology/lab, complete sequence

Anatomy &amp; Physiology/lab; Micro/lab

Gen Chemistry/lab, complete sequence

College Alg

**NATURAL SCIENCES MINIMUM GEN ED****Program Requirements:**

BIOL 211+212+214 (complete seq) (15)

BIOL 239+249 (seq); No Micro equivalent (4+4)

CHEM 219+229 (5+5)

MATH 140 (4)

**SOCIAL SCIENCES (2 AREAS/12/qtr/8 sem UNITS MIN)**

Cultural Diversity (required)

Select remainder from:

Anthropology; Economics

Psychology; Political Science

Sociology; Geography

**SOCIAL SCIENCES (2 AREAS/12/qtr/8 sem UNITS MIN)**

ANTH 100 (required) (3)

Select remainder from:

ANTH 100,104; ECON 120,121

PSYCH 100,157; POLT 101

SOC 100,112,240; GEOG 100,101

**DOMAIN 3: COMMUNICATION: (min 9 qtr/6 sem units)**

Freshman English, complete sequence

If needed, select remainder from:

Computers

Speech

**COMMUNICATION: (min 9 qtr/6 sem units)**

ENGL 101+102 (4+4)

CMPR 100 (3)

COMM 100 (3)

**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

**HEALTH AND WELLNESS:**EXER 100 or NUTR 115 (3/3)

2 PE Activity Courses (2)

**DOMAIN 5: ELECTIVES: To meet minimum total requirements of 96 qtr/64 sem units**

(Cell biology, genetics, histology recommended)

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

*LOMA LINDA UNIVERSITY*  
**SCHOOL OF ALLIED HEALTH PROFESSIONS**

**LOMA LINDA UNIVERSITY**

**TRANSFER REQUIREMENTS FOR SANTIAGO CANYON COLLEGE STUDENTS**

2007-2008

**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.

**LOMA LINDA UNIVERSITY REQUIREMENTS:**

**SANTIAGO CANYON COURSE EQUIVALENCIES:**

**DOMAIN 1: RELIGION AND HUMANITIES:**

(Total of 20 qtr units minimum in Domain 1)

(Total of 20 qtr/14 sem units minimum in Domain 1)

RELIGION 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

**HUMANITIES (min 12 qtr/8 sem units)**

Select from at least 3 subject areas:

Art/Music (Performing Arts limited to 4 qtr hrs)

Literature, Philosophy

History; Foreign Language/Amer Sign Lang

**HUMANITIES (min 12 qtr/8 sem units)**

Select from at least 3 subject areas:

ART 101,102; MUS 101 (Applied Art/Mus 2 hr max)

ENGL 231,232,241,242,270; PHIL 106,108,110,111

HIST 101,102,120,121; Any Foreign Language/Amer Sign Lang

**DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS: (min 12 qtr/8 sem TOTAL from at least 2 areas)**

**NATURAL SCIENCES:**

Program Requirements:

College Algebra (or higher level)

General Chemistry w/ lab, complete sequence

Organic Chemistry w/ lab, complete sequence

Intro Physics w/ lab (to include light & electricity)

General Biology w/ lab (one course)

Pre-medical and pre-dental students should verify current admission requirements

**NATURAL SCIENCES:**

Program Requirements:

MATH 140 (4)

CHEM 219+229 (complete seq) (5+5)

CHEM 249+259 (complete seq) (5+5)

PHYS 289 (4)

BIOL 211 (5)

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

Cultural Diversity

Select remainder of soc sci units from:

Anthropology; Sociology

Psychology; Political Science

Economics; Geography

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

ANTH 100 (required) (3)

Select remainder of soc sci units from:

ANTH 100,104; SOC 100,112,240

PSYCH 100,157; POLT 101

ECON 120,121; GEOG 100,101

**DOMAIN 3: COMMUNICATION: (min 9 qtr/6 sem units)**

Freshman English, complete sequence

If needed, select remainder from:

Computers

Public Speaking

**COMMUNICATION: (min 9 qtr/6 sem units)**

ENGL 101+102 (4+4)

CMPR 100 (3)

COMM 110 (3)

**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

**HEALTH AND WELLNESS:**

EXER 100 or NUTR 115 (3/3)

2 PE Activity Courses (2)

**DOMAIN 5: ELECTIVES: To meet minimum total requirements of 96 qtr/64 sem units**

**RECOMMENDED:** Anatomy & Physiology, Biochemistry, Cellular or Molecular Biology, Genetics, Speech, Computer Applications, Critical Thinking

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

10/23/06

SCCMTCH-2

**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:****SANTIAGO CANYON COURSE EQUIVALENCIES:****DOMAIN 1: RELIGION AND HUMANITIES:**(Total of 20 qtr/14 sem units minimum in Domain 1)

RELIGION 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

**HUMANITIES (min 12 qtr/8 sem units)**Select from at least 3 subject areas:

Art/Music (Performing Arts limited to 4 qtr hrs)

Literature; Philosophy

History; Foreign Language/Amer Sign Lang

**HUMANITIES (min 12 qtr/8 sem units)**Select from at least 3 subject areas:

ART 101,102; MUS 101 (Applied Art/Mus 2 hr max)

ENGL 231,232,241,232,270; PHIL 106,108,110,111

HIST 101,102,120,121; Any Foreign Language/Amer Sign Lang

**DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS: (min 12 qtr/8 sem TOTAL from at least 2 areas)****NATURAL SCIENCES MINIMUM GEN ED**

Anatomy &amp; Physiology/lab, complete sequence

2 yrs HS Alg/C grade or better or Inter Alg in College

(Effective 2008, 3 yrs HS Alg or College Alg in College)

Medical Terminology

Select additional from phys/math/chem./geol/astron

**NATURAL SCIENCES MINIMUM GEN ED**

BIOL 239+249 (complete seq)

(4+4)

MATH 080 (required/no credit)

(0)

No equivalent

Select from PHYS 109/MATH219/CHEM119/GEOL 101/ASTR

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

Cultural Diversity (required)

General Psychology

Select remainder from:

Anthropology; Sociology

Economics; Political Science, Geography

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

ANTH 100 (required)

(3)

PSYCH 100

(3)

Select remainder from:

ANTH 100,104; SOC 100,112,240

ECON 120,121; POLT 101; GEOG 100,101

**DOMAIN 3: COMMUNICATION: (min 9 qtr/6 sem units)**

Freshman English, complete sequence

Intro Computers with Word Processing

Business Communications

**COMMUNICATION: (min 9 qtr/6 sem units)**

ENGL 101+102

(4+4)

CMPR 100 (includes Word Processing)

(3)

BUS 222

(3)

**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

**HEALTH AND WELLNESS:**EXER 100 or NUTR 115

(3/3)

2 PE Activity Courses

(2)

**DOMAIN 5: ELECTIVES: To meet minimum total requirements of 96 qtr/64 sem units**

OTHER REQUIREMENT: Intro Accounting 1 qtr/sem

ACCOUNTING: ACCT 101

(4)

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

**HIT PROGRESSION** –To be eligible for admission, the applicant must be a graduate of an accredited HIT program or hold a current RHIT credential. GE requirements of Domains I through IV per SAHP Bulletin. Only up to 105 qtr/70 sem units are transferable from a comm/junior college. In addition, the following courses must be completed: Pathology, Pharmacology, Med Term, College Alg (Inter Alg accepted), Gen Psych, Intro Accounting, Human A&P (complete seq), Intro to Computer Applications (must include word processing), Professional Communications (business communication accepted).

**CODING SPECIALIST CERTIFICATE**–HS Diploma/GED required. Applicant must complete: A&P, Med Term, Essentials of Human Disease, and Intro to Computer Applications.

**CERTIFICATE PROGRAM**-Applicant must have baccalaureate degree and complete the following requirements: Accounting, Intro to computer applications, Word Processing, Inter Alg, A & P (seq), Gen Psych, Med Term, Stats, Research Methods, Principles of Management and Business Communications, Pathophysiology and Personnel Management.

**MAJOR: AS Degree - DIETETIC TECHNOLOGY**

The registered dietetic technician (DTR) is a supportive member of the nutrition care team. At the direction of the dietitian, the DTR screens patients for nutrition care needs, marks menus, teaches individuals or classes, monitors effectiveness of nutrition care, and documents findings in the patient's medical record. Technicians contribute to the overall success of the food service through menu development, supervision of food service employees, monitoring quality of food, and inservice training for employees. Opportunities for the DTR are found in RETIREMENT CENTERS, SCHOOLS & UNIVERSITIES, GOVERNMENT & COMMUNITY AGENCIES, and INDUSTRIAL FEEDING SITES.

**LOMA LINDA UNIVERSITY REQUIREMENTS:****SANTIAGO CANYON COURSE EQUIVALENCIES:****DOMAIN 1: RELIGION AND HUMANITIES:**

RELIGION 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

**DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS:****NATURAL SCIENCES:**

Human Anatomy & Physiology/lab  
Intro Chem/lab, (complete seq) or Gen Chem (1 sem/2 qtrs)  
2 yrs HS Alg/C grade or better or Inter Alg in College

**NATURAL SCIENCES:**

BIOL 239+249 (complete seq) (4+4)  
CHEM 119+209 (complete seq) or CHEM 219 (9/5)  
MATH 080 (required/no credit)

**SOCIAL SCIENCE:**

Intro to Sociology

**SOCIAL SCIENCE:**

SOC 100 [3]  
(3)

**DOMAIN 3: COMMUNICATION:**

Freshman English, complete sequence  
Speech

ENGL 101+102 (4+4)  
COMM 110 (3)

**DOMAIN 4: HEALTH/OTHER REQUIREMENT:**

Human Nutrition

**HEALTH/OTHER REQUIREMENT:**

NUTR 115 (also ok for Hlth Ed) (3)

DOMAIN 5: ELECTIVES: To meet minimum total requirements of 47 qtr/31 sem units

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

**CERTIFICATE FOR DIETETIC TECHNICIAN:** To be eligible for admission, the applicant must have earned a baccalaureate degree at an accredited college or university, and must have completed the following subject requirements: anatomy & physiology/lab (complete seq), introductory chemistry/lab (complete seq) or one semester or two qtrs general chemistry, intro to sociology, and speech.

**CERTIFICATE FOR REGISTERED DIETITIAN:** To be eligible for admission, the applicant must have earned a baccalaureate degree at an accredited college or university, and must have completed the following subject requirements: anatomy & physiology/lab (complete seq), microbiology/lab, intro chemistry (complete seq) or one semester or 2 qtrs general chemistry.

**MAJOR: BS 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 MEDICAL, DENTAL, and HEALTH EDUCATION offers the dietitian a steadily widening horizon of professional opportunities. Opportunities may also be found in HEALTH CARE RESEARCH PROGRAMS, FOOD INDUSTRIES, and STATE AGENCIES, and NUTRITIONAL CARE MANAGEMENT.

**LOMA LINDA UNIVERSITY REQUIREMENTS:****SANTIAGO CANYON COURSE EQUIVALENCIES:****DOMAIN 1: RELIGION AND HUMANITIES:**

(Total of 20 qtr units minimum in Domain 1)

(Total of 20 qtr/14 sem units minimum in Domain 1)

RELIGION 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

**HUMANITIES (min 12 qtr/8 sem units)**Select from at least 3 subject areas:

Art/Music (Performing Arts limited to 4 qtr hrs)

Literature; History

Philosophy; Foreign Language/Amer Sign Lang

**HUMANITIES (min 12 qtr/8 sem units)**Select from at least 3 subject areas:

ART 101,102; MUS 101 (Applied Art/Mus 2 hr max)

ENGL 231,232,241,242,270; HIST 101,102,120,121

PHIL 106,108,110,111; Any Foreign Language/Amer Sign Lang

**DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS: (min 12 qtr/8 sem TOTAL from at least 2 areas)****NATURAL SCIENCES:****Program Requirements:**

Intro Chem (compl seq) or Gen Chem (1 sem/2 qtrs)

Human Anatomy &amp; Physiology/lab

Micro/lab

2 yrs HS Alg/C grade or better or Inter Alg in College

(Effective 2008, 3 yrs HS Alg or College Alg in College)

**NATURAL SCIENCES:****Program Requirements:**

CHEM 219+229

(5+5)

BIOL 239+249 (complete seq)

(4+4)

NO EQUIVALENT

MATH 080 (required/no credit)

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

Gen Psych

Intro to Sociology

Select additional from: Psych, Soc, Anthro, Poli Sci

**SOCIAL SCIENCES (2 AREAS/12 qtr//8 sem UNITS MIN)**

PSYCH 100

(3)

SOC 100

(3)

**DOMAIN 3: COMMUNICATION: (min 9 qtr/6 sem units)**

Freshman English, complete sequence

Speech

**COMMUNICATION: (min 9 qtr/6 sem units)**

ENGL 101+102

(4+4)

COMM 110

(3)

**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

**HEALTH AND WELLNESS:**EXER 100 or NUTR 115

(3/3)

\*NUTR 115 (ok for Hlth but units won't double count)

2 PE Activity Courses

(2)

**PROFESSIONAL COURSES REQUIRED:**

\*Human Nutrition

\*Food Selection

\*Food Presentation

**PROFESSIONAL COURSES REQUIRED:**

\*NUTR 115 (nutrition - also ok for Hlth Ed)

(3)

\*The professional course prerequisites may be taken at Loma Linda University if they are not available at your school. This will necessitate enrollment at LLU during the summer quarter, prior to beginning the professional program.

DOMAIN 5: ELECTIVES: To meet minimum total requirements of 82 qtr/55 sem units

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CERTIFICATE FOR REGISTERED DIETITIAN PROGRAM - See Page 4 for program requirements.

10/23/06

SCCDTCS-5

**MAJOR: AA Degree: OCCUPATIONAL THERAPY ASSISTANT**

Occupational therapy assistants (COTA) work under the guidance of occupational therapists to carry out treatment programs for many different kinds of patients. The COTA enjoys a job that uses creative, personal, and technical skills; works with people of all ages with many kinds of health problems; uses specialized job skills developed in classroom and clinical experiences; benefits from a career with excellent employment opportunities; and shares a respected position as an important member of the health care team.

The job outlook for occupational therapy assistants is excellent. At the present time, there are not enough occupational therapy assistants to meet demand and many more will be needed to fill new jobs in CLINICS, HOSPITALS, REHABILITATION CENTERS, SCHOOLS, and NURSING HOMES. Salaries in California begin between \$25,000 and \$35,000.

**LOMA LINDA UNIVERSITY REQUIREMENTS:****SANTIAGO CANYON COURSE EQUIVALENCIES:****DOMAIN 1: RELIGION AND HUMANITIES:**

RELIGION 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

**HUMANITIES**

Fine Arts (Applied Art/Music won't count)  
History

**HUMANITIES**

ART 101,102 or MUS 101 (Applied Art/Mus won't Count) (3/3/3)  
HIST 120 or 121 (3/3)

**DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS:****NATURAL SCIENCES:**

Human Anatomy & Physiology/lab (1 term)  
Intro Physics or Chemistry/lab (1 qtr)  
2 yrs HS Alg/C grade or better or Inter Alg in College

**NATURAL SCIENCES:**

BIOL 239 (4)  
PHYS 109 (preferred) or CHEM 119 (4/5)  
MATH 080 (required/no credit)

**SOCIAL SCIENCES:**

General Psychology  
Sociology or Anthropology

**SOCIAL SCIENCES:**

PSYCH 100 (3)  
SOC 100 or ANTH 100 or 104 (3/3/3)

**DOMAIN 3: COMMUNICATION:**

Freshman English, complete sequence  
Speech  
Intro to Computers

**COMMUNICATION:**

ENGL 101+102 (4+4)  
COMM 110 (3)  
CMPR 100 (3)

**DOMAIN 4: OTHER REQUIREMENT:**

Studio Art (1 course)

**OTHER REQUIREMENT:**

ART 130 or 141 or 161 (3)

DOMAIN 5: ELECTIVES: To meet minimum total requirements of 48 qtr/32 sem units

WORK EXPERIENCE: A minimum of 40 hours work/observation experience (volunteer/employee) in an occupational therapy department.

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

**MAJOR: BS/MOT Degrees - OCCUPATIONAL THERAPY**

The BS/MOT Track is for individuals who do not have an earned Bachelor's degree from an accredited college.

The occupational therapist works with persons who need help in learning to cope with PSYCHological or physiological dysfunction to improve their ability in self-care or to gain living ability. The therapist has a choice of working with varied disability groups or persons of any age in GENERAL HOSPITALS, REHABILITATION CENTERS, PEDIATRIC or PSYCHCHIATRIC HOSPITALS, CRIPPLED CHILDREN'S CAMPS and SCHOOLS, GERIATRIC HOMES, SHELTERED WORKSHOPS, and HOME CARE PROGRAMS.

**LOMA LINDA UNIVERSITY REQUIREMENTS:****SANTIAGO CANYON COURSE EQUIVALENCIES:****DOMAIN 1: RELIGION AND HUMANITIES:**

(Total of 20 qtr units minimum in Domain 1)

(Total of 20 qtr/14 sem units minimum in Domain 1)

RELIGION 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

**HUMANITIES (min 12 qtr/8 sem units)**Select from at least 3 subject areas:

Art/Music (Performing Arts limited to 4 qtr hrs)

Literature; Philosophy

History; Foreign Language/Amer Sign Lang

**HUMANITIES (min 12 qtr/8 sem units)**Select from at least 3 subject areas:

ART 101,102; MUS 101 (Applied Art/Mus 2 hr max)

ENGL 231,232,241,242,270; PHIL 106,108,110,111

HIST 101,102,120,121; Any Foreign Language/Amer Sign Lang

**DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS: (min 12 qtr/8 sem TOTAL from at least 2 areas)****NATURAL SCIENCES:**

Human Anatomy &amp; Physiology, complete sequence

Select additional from: Chem, Physics, Physical Sci

2 yrs HS Alg/C grade or better or Inter Alg in College

(Effective 2008, 3 yrs HS Alg or College Alg in College)

**NATURAL SCIENCES:**

BIOL 239+249 (complete seq) (4+4)

CHEM/PHYS/PHYSICAL SCI

MATH 080 (required/no credit)

**SOCIAL SCIENCES:**

Cultural Diversity (required)

Sociology

Gen Psychology

Growth &amp; Development

**SOCIAL SCIENCES:**

ANTH 100 (required) (3)

SOC 100 (3)

PSYCH 100 (3)

PSYCH 157 (3)

**DOMAIN 3: COMMUNICATION: (min 9 qtr/6 sem units)**

Freshman English, complete sequence

Speech

**COMMUNICATION: (min 9 qtr/6 sem units)**

ENGL 101+102 (4+3)

COMM 110 (3)

**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

**HEALTH AND WELLNESS:**EXER 100 or NUTR 115 (3/3)

2 PE Activity Courses (2)

DOMAIN 5: ELECTIVES: To meet minimum total requirements of 96 qtr/64 sem units

WORK EXPERIENCE: 40 hours (minimum) of work/observation experience of voluntary or paid employment in an occupational therapy department or community service.

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

MOT ONLY TRACK: To be eligible for admission, applicant must have earned a baccalaureate degree at an accredited college or university and must have completed the following subject requirements: Human Anatomy & Physiology sequence/labs. Select additional from Chemistry, Physics or Physical Science and 40 hours work experience in an occupational therapy department. Prerequisites may be waived at the discretion of the OT department.

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

The physical therapist assistant is a skilled technical health worker 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 MEDICAL GROUPS, HOSPITALS, REHABILITATION CENTERS, OUTPATIENT CLINICS, NATIONAL and STATE AGENCIES, and SCHOOLS OF PHYSICAL THERAPY.

## LOMA LINDA UNIVERSITY REQUIREMENTS:

## SANTIAGO CANYON COURSE EQUIVALENCIES:

## DOMAIN 1: RELIGION AND HUMANITIES:

RELIGION 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

## HUMANITIES

Select one from:

Art/Music (Performing/Applied Art/Music not acceptable)

Philosophy/History

Literature; Foreign Language/Amer Sign Lang

## HUMANITIES

Select one from:

ART 101,102; MUS 101 (Applied Art/Mus not acceptable)

PHIL 106,108,110,111; HIST 120,121

ENGL 231,232,241,242,270; Foreign Lang/Amer Sign Lang

## DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS:

## NATURAL SCIENCES:

Human Anatomy & Physiology/lab

Intro Physics/lab, one qtr/sem

2 yrs HS Alg/C grade or better or Inter Alg in College

## NATURAL SCIENCES:

BIOL 239+249 (complete seq) (4+4)

PHYS 109 (4)

MATH 080 (required/no credit)

## SOCIAL SCIENCES:

General Psychology

Developmental Psychology or Abnormal Psychology

## SOCIAL SCIENCES:

PSYCH 100 (3)

PSYCH 157 or PSYCH 250 (3/3)

## DOMAIN 3: COMMUNICATION:

Freshman English composition, complete sequence

Speech

## COMMUNICATION:

ENGL 101+102 (4+4)

COMM 110 (3/3)

## DOMAIN 4: HEALTH AND WELLNESS:

Health Ed (personal hlth or nutrition) OR

2 PE Activity Courses

## HEALTH AND WELLNESS:

EXER 100 or NUTR 115 OR (3/3)

2 PE Activity Courses (2)

DOMAIN 5: ELECTIVES: To meet minimum total requirements of 48 qtr/32 sem units

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 in-patient setting.

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

## LOMA LINDA UNIVERSITY

**TRANSFER REQUIREMENTS FOR SANTIAGO CANYON COLLEGE STUDENTS**

2007-2008

**MAJOR: BS/MPT Degree – PROGRESSION MASTER OF PHYSICAL THERAPY**

The BS/MPT Track is for PTAs who do not have an earned Bachelor's degree from an accredited college.

The physical therapist aids in the treatment of disease, injury, or disability by employing physical means (light, heat, cold, water, electricity, massage, exercise, and other therapeutic and rehabilitative techniques; training in ambulation with braces, crutches, and prosthetic devices). Working closely with their patients, the therapist uses Psychological and sociological principles to motivate and instruct. Professional opportunities exist in HOSPITALS, PHYSICIANS' OFFICES, CHILDREN'S CENTERS, ATHLETIC TRAINING and SPORTS MEDICINE PROGRAMS, RESEARCH INSTITUTIONS, REHABILITATION CENTERS, OUTPATIENT CLINICS, STATE and NATIONAL AGENCIES, PRIVATE PRACTICE, and SCHOOLS OF PHYSICAL THERAPY.

## LOMA LINDA UNIVERSITY REQUIREMENTS:

## SANTIAGO CANYON COURSE EQUIVALENCIES:

## DOMAIN 1: RELIGION AND HUMANITIES:

(Total of 14 sem units minimum in Domain 1

RELIGION 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

## HUMANITIES (min 12 qtr/8 sem units)

Select from at least 3 subject areas:

Art/Music (Performing Arts limited to 4 qtr hrs)

Philosophy; Literature

History; Foreign Language/Amer Sign Lang

## HUMANITIES (min 12 qtr/8 sem units)

Select from at least 3 subject areas:

ART 101,102; MUS 101 (Applied Art/Music 2 hr max)

PHIL 106,108,110,111; ENGL 231,232,241,242,270

HIST 101,102,120,121; Any Foreign Language/Amer Sign Lang

## DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS: (min 12 qtr/8 sem TOTAL from at least 2 areas)

## NATURAL SCIENCES:

Anatomy & Physiology/lab, seq or Gen Biol/lab

General Chemistry/lab, seq+ Intro Phys/lab(6 qtr hrs) OR

General Physics/lab, seq+ 2 terms seq Chem/lab

Statistics

One additional Biology w/lab

## NATURAL SCIENCES:

BIOL 239+249 (seq) or BIOL 211+212+214 (seq) (8/15)CHEM 219+229 (seq) + PHYS 109 OR (10+4)

PHYS 279+289 (seq) + CHEM 119+209 (8+9)

MATH 219 (stat) (4)

Any additional Biology/lab

## SOCIAL SCIENCES: (2 AREAS/12 qtr/8 sem UNITS MIN)

Gen Psychology

Human Growth &amp; Development

Select remainder of Soc Sci units from: Psych, Soc, Anthro, Poli Sci

## SOCIAL SCIENCES: (2 AREAS/12 qtr/8 sem UNITS MIN)

PSYCH 100 (3)

PSYCH 157 (3)

## DOMAIN 3: COMMUNICATION: (min 9 qtr/6 sem units)

Freshman English, complete sequence

Speech; Intro to Computers

## COMMUNICATION: (min 9 qtr/6 sem units)

ENGL 101+102 (4+4)

COMM 110; CMPR 100 (3;3)

## DOMAIN 4: HEALTH AND WELLNESS:

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

## HEALTH AND WELLNESS:

EXER 100 or NUTR 115 (3/3)

2 PE Activity Courses (2)

## DOMAIN 5: ELECTIVES: To meet minimum total requirements of 98 qtr/66 sem units

WORK EXPERIENCE: A minimum of 2500 hours work experience as a Physical Therapist Assistant.

TEST REQUIREMENT: None required

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

POST-PROFESSIONAL MASTER OF PHYSICAL THERAPY-A bachelor's of science in physical therapy or equivalency is required to enter the program.

10/23/06

SCCPH-9

**MAJOR: Entry-level DPT, 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.

LOMA LINDA UNIVERSITY REQUIREMENTS: SANTIAGO CANYON COURSE EQUIVALENCIES:

DOMAIN 1: RELIGION AND HUMANITIES: Total of 28 quarter/19 semester credits minimum.

RELIGION 4 qtr hrs/yr (max 12 qtr hrs) only if attended SDA College/University

**HUMANITIES**

Must include a minimum of 16 quarter / 11 semester credits with at least one course at the upper division level.

Select from at least 3 subject areas:

Art/Music (Performing Arts limited to 4 qtr hrs)

Philosophy; History

Literature; Foreign Language/Amer Sign Lang

The department recommends additional electives in this area.

**HUMANITIES**

Select from at least 3 subject areas:

ART 101,102; MUS 101 (Applied Art/Music 2 sem hr max)

PHIL 106,108,110,111; HIST 101,102,120,121

ENGL 231,232,241,242,270; Foreign Language/Amer Sign Lang

DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS: Total of 53 quarter / 35 semester credits minimum

Must include a minimum of 53 quarter/35 semester credits with at least one course at the upper division level.

**NATURAL SCIENCES:**

Anatomy & Physiology/lab (seq) or Gen Biol/lab (seq)

General Chemistry/lab + Intro Physics (6 qtr units) OR

General Physics/lab (seq) + 2 consecutive terms Chem/lab

Statistics

One additional Biology

**NATURAL SCIENCES:**

BIOL 239+249 (seq) or BIOL 211+212+214 (seq)

CHEM 219+229 (seq) + PHYS 109 OR

PHYS 279+289 (seq) + CHEM 119+209 (seq)

MATH 219

Any additional Biology

(8/15)

(10+4)

(8+9)

(4)

**SOCIAL SCIENCES:**

Must include a minimum of 16 quarter / 11 semester credits with at least one course at the upper division level.

Gen Psychology

Human Growth & Development

Select additional credits from: Psych, Soc, Anthro, Poli Sci

The department recommends additional electives in this area.

**SOCIAL SCIENCES:**

PSYCHC 100

PSYCHC 157

(3)

(3)

**DOMAIN 3: COMMUNICATION:**

Must include a minimum of 15 quarter / 10 semester.

Freshman English, complete sequence

Speech; Intro to Computers

(Applicant may document Computer proficiency)

**COMMUNICATION:**

ENGL 101+102

COMM 110; CMPR 100

(4+3)

(3;3)

**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

The department recommends additional electives in this area.

**HEALTH AND WELLNESS:**

EXER 100 or NUTR 115

2 PE Activity Courses

(3/3)

(2)

DOMAIN 5: ELECTIVES: To meet a minimum total requirements of 138 qtr/92 sem units. Students must have a minimum of 18 qtr/12 sem units of upper division course work. Maximum of 105 qtr/70 sem units transfer from junior/community college.

WORK EXPERIENCE: Eighty work/observation hours under the supervision of a physical therapist are required. Twenty of the eighty must be in an inpatient setting.

TEST REQUIREMENT: None required

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

10/23/06

SCCDPT-10

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

The ENTRY-LEVEL DOCTORATE program 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/MPT 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 (preferred) or General Biology with lab, complete sequence

Select one of the following options:

General Chemistry with lab, complete sequence + Intro Physics with lab, minimum of 6 quarter units OR  
General Physics with lab, complete sequence + a minimum of 2 academic terms of any sequenced Chemistry with lab

One additional Biology course

Statistics

**SOCIAL SCIENCES:**

General Psychology (substitute courses may be approved by the Chairman of the Department)

Human Growth & Development

**COMMUNICATION:**

Speech

Introduction to Computers (Applicant may document computer proficiency)

**WORK EXPERIENCE:** A minimum of 80 hours of work/observation experience (volunteer/employee) in a physical therapy department, 20 hours of which must be in an in-patient setting.

**TEST REQUIREMENT:** None required

**POST-PROFESSIONAL DOCTOR OF PHYSICAL THERAPY:** MPT graduates may proceed directly into the Doctor of 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 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.

**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 & PHYSICIANS' OFFICES & CLINICS, PUBLIC HEALTH AGENCIES, INDUSTRY, and ARMED FORCES.

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.

**MEDICAL RADIOGRAPHY - AS Degree**

This program is recommended for the student wishing to become a staff x-ray technologist in a diagnostic radiography department, assisting in fluoroscopic examinations, diagnostic tests, and specialized operating room procedures.

LOMA LINDA UNIVERSITY REQUIREMENTS:                      SANTIAGO CANYON COURSE EQUIVALENCIES:

**DOMAIN 1: RELIGION AND HUMANITIES:**

RELIGION 4 qtr hrs (max 8 qtr hrs) only if attended SDA College/university

**DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS:**

Human Anatomy & Physiology, complete sequence	BIOL 239+249 (complete seq)	(4+4)
Intro Physics/lab <u>or</u> Intro Chemistry (college or HS)	PHYS 109 <u>or</u> CHEM 119	(4/5)
Medical Terminology	No equivalent course	
2 yrs HS Alg/C grade or better or Inter Alg in College	MATH 080 (required/no credit)	

**SOCIAL SCIENCE:**

General Psychology <u>or</u> Sociology	SOCIAL SCIENCE:	
	PSYCH 100 <u>or</u> SOC 100	(3/3)

**DOMAIN 3: COMMUNICATION:**

Freshman English, complete sequence	COMMUNICATION:	
Speech	ENGL 101+102	(4+3)
Computer (college or HS)	COMM 110	(3)
	CMPR 100 or HS computer	(3/0)

DOMAIN 4: Not required for A.S. degree.

DOMAIN 5: ELECTIVES: To meet minimum total requirements of 42 qtr/28 sem units

WORK EXPERIENCE: 12 hours minimum work/observation experience (volunteer/employee) in a radiology department.

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

**MAJOR: RADIATION SCIENCES, B.S. (POST PROFESSIONAL)**

For radiologic technologists educationally prepared beyond the level of the Associate in Science degree, there are numerous career options. Radiology departments in large hospitals offer career opportunities in management, supervision, and research. Excellent opportunities also exist for those who are qualified to teach radiologic technology. In addition, commercial enterprises and state governments continually need technologists with advanced training to serve as customer representatives, technical consultants, and health physicists.

Students transferring in with their ARRT/A.S. in medical radiography or equivalent hospital-based training, need to know that a maximum of 105 quarter/70 semester units only will transfer to Loma Linda University. 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 units, inclusive of Core BSRS courses, area of emphasis and elective units.

**LOMA LINDA UNIVERSITY REQUIREMENTS:****SANTIAGO CANYON COURSE EQUIVALENCIES:****DOMAIN 1: RELIGION AND HUMANITIES:**

(Total of 20 qtr units minimum in Domain 1)

(Total of 14 sem units minimum in Domain 1)

RELIGION 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

**HUMANITIES (min 12 qtr/8 sem units)**Select from at least 3 subject areas:

Art/Music (Performing Arts limited to 4 qtr hrs)

Literature; Philosophy

History; Foreign Language/Amer Sign Lang

**HUMANITIES (min 12 qtr/8 sem units)**Select from at least 3 subject areas:

ART 101,102; MUS 101 (Applied Art/Music 2 hr max)

ENGL 231,232,241,242,270; PHIL 106,108,110,111

HIST 101,102,120,121; Any Foreign Language/Amer Sign Lang

**DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS: (min 12 qtr/8 sem TOTAL from at least 2 areas)****NATURAL SCIENCES MINIMUM GEN ED:**

Program Requirements:

Anatomy &amp; Physiology/lab, 1 qtr/sem

2 years HS Math or Intermediate Algebra in college

(Effective 2008, 3 yrs HS Alg or College Alg in College)

Select additional from:

Chemistry, Mathematics

**NATURAL SCIENCES MINIMUM GEN ED**

Program Requirements:

BIOL 239 (4)

MATH 080 (no credit) (0)

Select additional from:

CHEM 119,209; MATH 105,140

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

Cultural Diversity (required)

Select additional units from: PSYCH,

SOCI, ANTH, POLT

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

ANTH 100 (required) (3)

Select additional units from: PSYCH 157;

SOC 100,112,240; ANTH 100,104; POLT 101

**DOMAIN 3: COMMUNICATION: (min 9 qtr/6 sem units)**

Freshman English, complete sequence

If needed, select additional units from Speech or Computer

**COMMUNICATION: (min 9 qtr/6 sem units)**

ENGL 101+102 (4+4)

COMM 110 or CMPR 100 (3/3)

**DOMAIN 4: HEALTH AND WELLNESS**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

**HEALTH AND WELLNESS**EXER 100 or NUTR 115 (3/3)

2 PE Activity Courses (2)

**DOMAIN 5: ELECTIVES:** To meet the minimum 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.

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

**MAJOR: RADIOLOGIST ASSISTANT, B.S.**

The American Society of Radiologic Technologists (ASRT) supports this mid-level provider, the radiologist assistant (RA). The RA is an advanced-level radiologic technologist who enhances patient care by extending the capacity of the radiologist in the diagnostic imaging environment position.

According to the American Society of Radiologic Technologists (ASRT) "the radiologist assistant has three primary areas of responsibility, all performed with the supervision of a radiologist.

1. Participate in patient assessment, patient management and patient education.
2. Perform selected radiology procedures including, but not limited to, fluoroscopy.
3. Participate in the systematic analysis of the quality of patient care delivered within the radiology environment.

The radiologist assistant also makes initial observation of diagnostic images, but does not provide an official interpretation.

Students transferring in with their ARRT/A.S. in medical radiography or equivalent hospital-based training need to know that a maximum of 105 quarter/70 semester units only will transfer to Loma Linda University. 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. To be eligible for the B.S. program, applicant must have certification from the ARRT and a minimum of 2 years full-time radiography work experience.

**LOMA LINDA UNIVERSITY REQUIREMENTS:****SANTIAGO CANYON COURSE EQUIVALENCIES:****DOMAIN 1: RELIGION AND HUMANITIES:**

(Total of 20 qtr units minimum in Domain 1)

(Total of 20 qtr/14 sem units minimum in Domain 1)

RELIGION 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

**HUMANITIES (min 12 qtr/8 sem units)**Select from at least 3 subject areas:

Art/Music (Performing Arts limited to 4 qtr hrs)

Literature; Philosophy

History; Foreign Language/Amer Sign Lang

**HUMANITIES (min 12 qtr/8 sem units)**Select from at least 3 subject areas:

ART 101,102; MUS 101 (Applied Art/Music 2 hr max)

ENGL 231,232,241,242,270; PHIL 106,108,110,111

HIST 101,102,120,121; Any Foreign Language/Amer Sign Lang

**DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS: (min 12 qtr/8 sem TOTAL from at least 2 areas)****NATURAL SCIENCES**

Anatomy &amp; Physiology/lab, 1 qtr/sem

2 yrs HS Alg/C grade or better or Inter Alg in College

(Effective 2008, 3 yrs HS Alg or College Alg in College)

Statistics

Research Methods

**NATURAL SCIENCES**

BIOL 239

MATH 080 (no credit)

MATH 219

(4)

(0)

(4)

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

Cultural Diversity (required)

Select additional from: PSYCH,

SOCI, ANTH, POLT

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

ANTH 100 (required)

Select additional units from: PSYCH 157;

SOC 100,112,240; ANTH 100,104; POLT 101

(3)

**DOMAIN 3: COMMUNICATION: (min 9 qtr/6 sem units)**

Freshman English, complete sequence

If needed, select additional units from: Speech or Computer

**COMMUNICATION: (min 9 qtr/6 sem units)**

ENGL 101+102

COMM 110 or CMPR 100

(4+4)

(3/3)

**DOMAIN 4: HEALTH AND WELLNESS**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

**HEALTH AND WELLNESS**EXER 100 or NUTR 115

2 PE Activity Courses

(3/3)

(2)

**DOMAIN 5: ELECTIVES: To meet minimum total requirements of 96 qtr/64 sem units**

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

RADIOLOGIST ASSISTANT Certificate program is for individuals with previous baccalaureate degree. To be eligible, the student must have: Certification from the ARRT, Statistics & Research Methods, a minimum of 2 years full-time radiography work experience and a B.S. degree from an accredited institution.

10/23/06

SCCRABS-14

## LOMA LINDA UNIVERSITY

**TRANSFER REQUIREMENTS FOR SANTIAGO CANYON COLLEGE STUDENTS**

2007-2008

**MAJOR: CERTIFICATE PROGRAMS IN RADIATION TECHNOLOGY**

Certificate programs are 9 - 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.

**MEDICAL DOSIMETRY:** Dosimetrist plan optimal isodose distributions and treatment dose calculations for a variety of external beam and brachytherapy treatments. (For ARRT candidates the course will be 4 quarters in length. For BS candidates it will be 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 or 2) A baccalaureate degree in physics from an accredited university. Prerequisites: Anatomy and Physiology, Medical Terminology. For additional information go to <http://www.llu.edu/llu/documents/2006-07universitycatalog.pdf>.

**CARDIAC/MEDICAL SONOGRAPHY:** The medical sonographer, or ultrasound technologist, assists physicians in the use of high-frequency sound waves to obtain images of internal structure 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 two years. 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 area preferred), 3) Any Bachelor of Science degree, or 4) Hold certification as a Radiologic Technologist. Prerequisites: Anatomy and Physiology with lab (sequence), Medical Terminology, Intro to Computers, Intermediate Algebra (college or 2 years in high school, with grade C or above), Patient Care Methods, plus complete 8 hours of observation volunteer/employee in an Ultrasound department. For additional information go to <http://www.llu.edu/llu/documents/2006-07universitycatalog.pdf>.

**NUCLEAR MEDICINE TECHNOLOGY:** 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. Program begins in September and runs 12 months. To be eligible for admissions to the certificate program in nuclear medicine the applicant must meet one of the following requirements: 1) Be a graduate of an accredited radiologic technology program, 2) An ARRT registered radiologic technologist, 3) An ASCP certified medical technologist, 4) Be a registered nurse with at least a 2-year degree (AS degree), or 5) Have a 4-year baccalaureate degree in one of the natural sciences. Prerequisites: Human Anatomy and Physiology (complete sequence with lab), Intermediate Algebra (college or 2 years in high school, with grade C or above), Intro Chem/lab or Gen Chem/lab (one semester or one quarter), Gen Physics (highly recommended), Medical Terminology, and Patient Care Methods. For additional information go to <http://www.llu.edu/llu/documents/2006-07universitycatalog.pdf>.

**RADIATION THERAPY TECHNOLOGY:** The radiation therapy technologist works closely with the physician in determining the proper methods of using radiation to treat various disease states. Responsibilities include accurate treatment records, calibrating equipment, and following prescribed treatment plans to ensure proper patient care and therapy safety. Program begins in September and runs 12 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, Human A & P/lab (complete sequence), Radiation Protection, Patient Care Methods, Radiation Physics, and Intro to Computers 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, Human A & P/lab (complete sequence), Medical Terminology, Patient Care Methods, Radiation Physics, Radiation Protection, Intro to Computers, and Principles of Radiology. For additional information go to <http://www.llu.edu/llu/documents/2006-07universitycatalog.pdf>

**SPECIAL IMAGING TECHNOLOGY:** The special imaging technologist uses specialized radiographic equipment and procedures to achieve highly detailed images of specific body areas. Tasks include the understanding and use of physiological recording instruments, computer-enhanced imaging techniques, operating room procedures, and other devices used to obtain safe and accurate images of the patient's disease state. Program begins in September and runs for 9 months. For additional information go to <http://www.llu.edu/llu/documents/2006-07universitycatalog.pdf>

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For more information, call 558-4931 (local) or 1-800-422-4558.

10/23/06

SCCRTCHCERT-15

*LOMA LINDA UNIVERSITY*  
**SCHOOL OF ALLIED HEALTH PROFESSIONS**

**LOMA LINDA UNIVERSITY**  
**TRANSFER REQUIREMENTS FOR SANTIAGO CANYON COLLEGE STUDENTS**  
 2007-2008

**MAJOR: 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. Students entering directly from a 2-year program should be employed a minimum of 16 hours per week as therapists in order to gain the most from the program.

**LOMA LINDA UNIVERSITY REQUIREMENTS: SANTIAGO CANYON COURSE EQUIVALENCIES:**

**DOMAIN 1: RELIGION AND HUMANITIES: (TOTAL OF 20 QTR/14 SEM UNITS MINIMUM IN DOMAIN 1)**

**RELIGION** 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

**HUMANITIES (min 12 qtr/8 sem units):**

Select from at least 3 subject areas:  
 Art/Music (Performing Arts limited to 4 qtr hrs)  
 Literature, Philosophy  
 History; Foreign Language/Amer Sign Lang

**HUMANITIES (min 12 qtr/8 sem units):**

Select from at least 3 subject areas:  
 ART 101,102; MUS 101 (Applied Art/Music 2 hr max)  
 ENGL 231,232,241,242,270; PHIL 106,108,110,111  
 HIST 101,102,120,121; Any Foreign Language/Amer Sign Lang

**DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS: (min 12 qtr/8 sem TOTAL from at least 2 areas)**

**NATURAL SCIENCES:**

Program Requirements:  
 A&P/lab, seq (preferred) or Gen Biology  
 Intro or Gen Chemistry/lab, complete seq  
 Micro/lab  
 Intro Physics/lab, one qtr or HS Physics  
 2 yrs HS Alg/C grade or better or Inter Alg in College  
 (Effective 2008, 3 yrs HS Alg or College Alg in College)

**NATURAL SCIENCES:**

Program Requirements:  
 BIOL 239+249(preferred) or BIOL 211+212+214(seq) (8/14)  
 CHEM 119+209 or 219+229 (9/10)  
 NO EQUIVALENT  
 PHYS 109 or HS Physics (4/0)  
 MATH 080 (required/no credit)

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

Cultural Diversity  
 General Psychology  
 Select additional from: ANTH; SOCI;  
 PSYCH; POLT; ECON

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

ANTH 100 (required) (3)  
 PSYCH 100 (3)  
 Select additional from: ANTH 100,104; SOC 100,112,240;  
 PSYCH 157; POLT 101; ECON 120,121

**DOMAIN 3: COMMUNICATION: (min 9 qtr/6 sem units)**

Freshman English, complete sequence  
 If needed, Speech or Computer (college or high school)

**COMMUNICATION: (min 9 qtr/6 sem units)**

ENGL 101+102 (4+3)  
 COMM 110 OR CMPR 100 or HS computer 3/3/0)

**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)  
 2 PE Activity Courses

**HEALTH AND WELLNESS:**

EXER 100 or NUTR 115 (3/3)  
 2 PE Activity Courses (2)

**DOMAIN 5: ELECTIVES: To meet minimum total requirements of 96 qtr/64 sem units**

PLEASE NOTE THAT C- GRADES ARE NOT TRANSFERABLE FOR CREDIT

**MAJOR: RESPIRATORY CARE, BS (POST PROFESSIONAL)**

**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 105 qtr/70 sem 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 192 qtr units at completion of the program.

LOMA LINDA UNIVERSITY REQUIREMENTS:

SANTIAGO CANYON COURSE EQUIVALENCIES:

**DOMAIN 1: RELIGION AND HUMANITIES: (TOTAL OF 20 QTR/14 SEM UNITS MINIMUM IN DOMAIN 1)**

RELIGION 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

**HUMANITIES (min 12 qtr/8 sem units):**

Select from at least 3 subject areas:

Art/Music (Performing Arts limited to 4 qtr hrs)

Literature, Philosophy

History; Foreign Language/Amer Sign Lang

**HUMANITIES (min 12 qtr/8 sem units):**

Select from at least 3 subject areas:

ART 101,102; MUS 101 (Applied Art/Music 2 hr max)

ENGL 231,232,241,242,270; PHIL 106,108,110,111

HIST 101,102,120,121; Any Foreign Language/Amer Sign Lang

**DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS: (min 12 qtr/8 sem TOTAL from at least 2 areas)****NATURAL SCIENCES:**

Program Requirements:

A&P/lab, seq (preferred) or Gen Bio or Zoology, seq

Intro or Gen Chemistry/lab, complete sequence

Micro/lab

Intro Physics/lab, one qtr or HS Physics

2 yrs HS Alg/C grade or better or Inter Alg in College

(Effective 2008, 3 yrs HS Alg or College Alg in College)

**NATURAL SCIENCES:**

Program Requirements:

BIOL 239+249(preferred) or BIOL 211+212+214(seq) (8/14)

CHEM 119+209 or CHEM 219+229 (9/10)

NO EQUIVALENT

PHYS 109 or HS Physics (4/0)

MATH 080 (required/no credit)

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

Cultural Diversity

General Psychology

Select additional from: ANTH; SOCI;

PSYCH; POLT; ECON

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

ANTH 100 (required) (3)

PSYCH 100 (3)

Select additional from: ANTH 100,104; SOC 100,112,240;

PSYCH 157; POLT 101; ECON 120,121

**DOMAIN 3: COMMUNICATION: (min 9 qtr/6 sem units)**

Freshman English, complete sequence

Speech (required)

**COMMUNICATION: (min 9 qtr/6 sem units)**

ENGL 101+102 (4+3)

COMM 110 (3)

**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

**HEALTH AND WELLNESS:**EXER 100 or NUTR 115 (3/3)

2 PE Activity Courses (2)

DOMAIN 5: ELECTIVES: To meet minimum total requirements of 96 qtr/64 sem units

PLEASE NOTE THAT C- GRADES ARE NOT TRANSFERABLE FOR CREDIT

## LOMA LINDA UNIVERSITY

**TRANSFER REQUIREMENTS FOR SANTIAGO CANYON COLLEGE STUDENTS**

2007-2008

**MAJOR: B.S. Degree - EMERGENCY MEDICAL CARE/CARDIOPULMONARY SCIENCES**

The B.S. in Emergency Medical Care is a post-professional degree program designed for those with prior experience in Emergency Medical Services, Respiratory Therapy or Nursing. The degree is designed to expand the clinical knowledge of pre-hospital care providers and offer them an educational foundation from which to pursue leadership career roles in emergency services systems.

The 2-year upper division program in Emergency Medical Care allows the health professional to progress within his/her chosen profession to positions in clinical specialist, education and management. Students who wish to continue their education may also apply this degree, with additional coursework, to meet pre-physician assistant, pre-medical, or graduate school entry requirements.

This is a unique degree for pre-hospital and emergency medical care providers because of the program's emphasis on the physiological and clinical aspects of care of the patient in the emergency medical system.

To be eligible for the junior year of this program, the student must (a) be an EMT, EMT-paramedic, R.N., or respiratory therapist; (b) complete the subject requirements listed as prerequisites; (c) arrange for an interview.

## LOMA LINDA UNIVERSITY REQUIREMENTS:

## SANTIAGO CANYON COURSE EQUIVALENCIES:

## DOMAIN 1: RELIGION AND HUMANITIES:

(Total of 20 qtr/14 sem units minimum in Domain 1)

RELIGION 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

## HUMANITIES (min 12 qtr/8 sem units)

Select from at least 3 subject areas:

Art/Music (Performing Arts limited to 4 qtr hrs)

Literature, Philosophy

History; Foreign Language/Amer Sign Lang

## HUMANITIES (min 12 qtr/8 sem units)

Select from at least 3 subject areas:

ART 101,102; MUS 101 (Applied Art/Music 2 hr max)

ENGL 231,232,241,242,270; PHIL 106,108,110,111

HIST 101,102,120,121; Any Foreign Language/Amer Sign Lang

## DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS: (min 12 qtr/8 sem TOTAL from at least 2 areas)

## NATURAL SCIENCES:

Human A &amp; P/lab (1 qtr/sem)

Micro/lab; Intro Chem/lab (1 qtr/sem)

Intro Physics/lab, one qtr

College Algebra

## NATURAL SCIENCES:

BIOL 239 or 249

NO EQUIVALENT; CHEM 119

PHYS 109

MATH 140

(4/4)

(5)

(4)

(4)

## SOCIAL SCIENCE: (2 AREAS/12 qtr/8 sem UNITS MIN)

Cultural Diversity

General Psychology

Select additional from: Psych, Sociology

## SOCIAL SCIENCE: (2 AREAS/12 qtr/8 sem UNITS MIN)

ANTH 100

PSYCH 100

Select additional from: PSYCH 157; SOC 112

(3)

(3)

## DOMAIN 3: COMMUNICATION: (min 9 qtr/6 sem units)

Freshman English, complete sequence

If needed, select from: Speech or Computer

## COMMUNICATION: (min 9 qtr/6 sem units)

ENGL 101+102

COMM 110 or CMPR 100

(4+4)

(3/3)

## DOMAIN 4: HEALTH AND WELLNESS

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

## HEALTH AND WELLNESS

EXER 100 or NUTR 115

2 PE Activity Courses

(3/3)

(2)

## DOMAIN 5: ELECTIVES: To meet minimum total requirements of 96 qtr/64 sem units

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

For Pre PA &amp; Pre MED-Make appointment to meet with advisor at (909) 558-7076.

10/23/06

SCCEMC-18

**MAJOR: B.S. Degree - SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY**

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.

**LOMA LINDA UNIVERSITY REQUIREMENTS:****SANTIAGO CANYON COURSE EQUIVALENCIES:****DOMAIN 1: RELIGION AND HUMANITIES:**(Total of 20 qtr/14 sem units minimum in Domain 1)

RELIGION 4 qtr hrs/yr (max 8 qtr hrs) only if attended SDA College/University

**HUMANITIES (min 12 qtr/8 sem units)**Select from at least 3 subject areas:

Art/Music (Performing Arts limited to 4 qtr hrs)

Literature, Philosophy

History; Foreign Language/Amer Sign Lang

**HUMANITIES (min 12 qtr/8 sem units)**Select from at least 3 subject areas:

ART 101,102; MUS 101 (Applied Art/Music 2 hr max)

ENGL 231,232,241,242,270; PHIL 106,108,110,111

HIST 101,102,120,121; Any Foreign Language/Amer Sign Lang

**DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS: (min 12 qtr/8 sem TOTAL from at least 2 areas)****NATURAL SCIENCES:**

Human Anatomy &amp; Physiology/lab (recommended)

2 yrs HS Alg/C grade or better or Inter Alg in College

(Effective 2008, 3 yrs HS Alg or College Alg in College)

Intro Physics, one/qtr (strongly recommended)

Select additional from: Physics, Math, Chemistry

**NATURAL SCIENCES:**

BIOL 239,249 (recommended)

MATH 080 (required/no credit)

(4,4)

PHYS 109 (strongly recommended)

(4)

Select additional from: PHYS, MATH, CHEM

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

General PSYChology; Human Development

Select additional from: Psych, Soc, Anthro, Poli Sci

**SOCIAL SCIENCES (2 AREAS/12 qtr/8 sem UNITS MIN)**

PSYCH 100; PSYCH 157

(3;3)

**DOMAIN 3: COMMUNICATION: (min 9 qtr/6 sem units)**

Freshman English, complete sequence

Speech

**COMMUNICATION: (min 9 qtr/6 sem units)**

ENGL 101+102

COMM 110

(4+3)

(3)

**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

**HEALTH AND WELLNESS:**EXER 100 or NUTR 115

2 PE Activity Courses

(3/3)

(2)

**DOMAIN 5: ELECTIVES: To meet minimum total requirements of 96 qtr/64 sem units**

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

**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.

**SPEECH-LANGUAGE PATHOLOGY MS**-Admission to the program requires a bachelor's degree in Speech-Language Pathology (also called Communication Disorders).

**MAJOR: M.S. 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 under the supervision of a Physician, and they 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 function in many 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. Physician Assistants have demonstrated that they can relieve physicians of time-consuming patient care while maintaining the same quality of care.

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

**LOMA LINDA UNIVERSITY REQUIREMENTS:**

A baccalaureate degree from an accredited institution, PLUS at least 1,000 hours of hands-on patient care experience.

MINIMUM GPA: 3.0

**LOMA LINDA UNIVERSITY REQUIREMENTS:****SANTIAGO CANYON COURSE EQUIVALENCIES:**

Intro Chemistry/lab, seq or Gen Chem/lab, seq	CHEM 119+209 (seq) <u>OR</u> CHEM 219+229	(9/10)
College algebra	MATH 140	(4)
English composition, complete sequence	ENGL 101+102 (complete seq)	(4+4)
Human Anatomy & Physiology/lab, complete sequence	BIOL 239+249 (complete seq)	(4+4)
Microbiology/lab	NO EQUIVALENT	(5)
Sociology <u>or</u> cultural anthropology	SOC 100 <u>or</u> ANTH 100	(3/3)
General PSYCHology	PSYCH 100	(3)

RECOMMENDED; Statistics, Medical Terminology, Computer Literacy

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