

**LOMA LINDA UNIVERSITY**  
**TRANSFER REQUIREMENTS FOR SAN BERNARDINO VALLEY COLLEGE STUDENTS**  
**2007-2008**

**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:**

**SBVC 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 100,102,103; MUS 100,121,122 (Applied Art/Mus 2 sem hr max)

ENGL 155,260,261; PHIL 101,102,103

HIST 100,101,160,161; 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:**

Gen Biology/lab, complete sequence

Anatomy & Physiology/lab, seq; Micro/lab

Gen Chemistry/lab, complete seq; College Algebra

**NATURAL SCIENCES:**

BIOL 201+202 (complete seq) (4+4)

BIOL 250+251 or 260+261 (seq); BIOL 270 (8/8;5)

CHEM 101+104 (seq); MATH 102 (8;4)

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

Cultural Diversity (required)

Select remainder of soc sci units from:

Anthropology; Economics

Psychology; Political Science

Sociology; Geography

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

ANTHRO 102 or SOC 141 (required) (3/3)

Select remainder of soc sci units from:

ANTHRO 102; ECON 100,200,201

PSYCH 100,110,112; POLIT 100,110

SOC 100,110,130,141; GEOG 102,110

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

Freshman English, complete sequence

If needed, select remainder from:

Speech

Computer

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

ENGL 101+151 (4+4)

SP 100 or 111 (3)

CIT 101 (3)

**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

**HEALTH AND WELLNESS:**

HEALTH 101 or FCS 162 (3/3)

2 PE Activity Courses (2)

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

(Cell biology, genetics, histology recommended)

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

10/13/06

SBVCCYTO-1

**LOMA LINDA UNIVERSITY**  
**TRANSFER REQUIREMENTS FOR SAN BERNARDINO VALLEY 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:**

**SBVC 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 hrs)

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 hrs)

Select from at least 3 subject areas:

ART 100,102,103; MUS 100,121,122 (Applied Art/Mus 2 sem hr max)

ENGL 155,260,261; PHIL 101,102,103

HIST 100,101,160,161; 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:**

College Algebra

General Chemistry with lab, complete sequence

Organic Chemistry with lab, complete sequence

Intro Physics/lab (to include light & electricity)

General Biology with lab (one course)

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

**NATURAL SCIENCES:**

MATH 102 (4)

CHEM 150+151 (complete seq) (5+5)

CHEM 212+213 (seq) (4)

PHYSIC 101 (4)

BIOL 100 (4)

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

Cultural Diversity or Cultural Anthropology (required)

Select remainder of soc sci units from:

Anthropology; Sociology

Psychology; Political Science

Economics; Geography

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

ANTHRO 102 or SOC 141 (required) (3/3)

Select remainder of soc sci units from:

ANTHRO 102; SOC 100,110,130

PSYCH 100,110,112; POLIT 100,110

ECON 100,200,201; GEOG 102,110

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

Freshman English, complete sequence

If needed, select remainder from:

Computer Applications

Public Speaking

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

ENGL 101+151 (4+4)

If needed, select remainder from:

CIT 101 (3)

SPEECH 100 or 111 (3)

**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE activity courses

**HEALT AND WELLNESS:**

HEALTH 101 or FCS 162 (3/3)

2 PE activity courses (2)

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

10/13/06

SBVCMTCH-2

## LOMA LINDA UNIVERSITY

**TRANSFER REQUIREMENTS FOR SAN BERNARDINO VALLEY COLLEGE STUDENTS**

2007-2008

**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:

## SBVC 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 100,102,103; MUS 100,121,122 (Applied Art/Mus 2 sem hr max)

ENGL 155,260,261; PHIL 101,102,103

HIST 100,101,160,161; 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, complete sequence

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

Medical Terminology (required)

Select add'l 6 qtr hrs from phys/math/chem./geol/astron

## NATURAL SCIENCES

BIOL 250+251 or 260+261 (complete seq) (8/8)MATH 102 or 095 (required/no credit) (4/0)

CIT 044 (3)

Select add'l 4 sem hrs from PHYS 101/MATH 108/  
CHEM 101/GEOL/ASTRON

## 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)

ANTHRO 102 or SOC 141 (required) (3/3)

PSYCH 100 (3)

Select remainder from:

ANTHRO 102; SOC 100,110,130

ECON 100,200,201; POLIT 100,110; GEOG 102,110

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

Freshman English, complete sequence

Computers/Word Processing

Business Communications

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

ENGL 101+151 (4+4)

CIT 101 (WP included) (3)

BUSAD 207 (3)

## DOMAIN 4: HEALTH AND WELLNESS:

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

## HEALTH AND WELLNESS:

HEALTH 101 or FCS 162 (3/3)

2 PE Activity Courses (2)

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

OTHER REQUIREMENT: Intro Accounting 1 qtr

ACCOUNTING: ACCT 100 or 200 (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.

10/13/06

SBVCHLIN-3

**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:****SBVC 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, complete sequence  
Intro Chem/lab (complete seq) or Gen Chem (1 sem/2 qtrs)  
2 yrs HS Alg w/C grade or better or Inter Alg in College

**NATURAL SCIENCES:**

BIOL 250+251 or 260+261 (complete seq) (8/8)  
CHEM 101+104 (complete seq) or CHEM 150 (4+4/5)  
MATH 095 (required/no credit)

**SOCIAL SCIENCE:**

Intro to Sociology

**SOCIAL SCIENCE:**

SOC 100 [3]  
(3)

**DOMAIN 3: COMMUNICATION:**

Freshman English, complete sequence  
Speech

**COMMUNICATION:**

ENGL 101+151 (4+4)  
SPEECH 100 or 111 (3)

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

Human Nutrition

**HEALTH/OTHER REQUIREMENT:**

FCS 162 (also ok for Health Ed) (3)

DOMAIN 5: ELECTIVES: To meet minimum total requirements of 47 qtr/31 semester 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 quarters 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 two quarters 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 HEALTHCARE 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.

## LOMA LINDA UNIVERSITY REQUIREMENTS:

## SBVC COURSE EQUIVALENCIES:

## DOMAIN 1: RELIGION AND HUMANITIES:

(Total of 20 qtr units minimum)

(Total of 20 qtr/14 sem units minimum)

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)

max)

Literature; History

Philosophy; Foreign Language/Amer Sign Lang

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

Select from at least 3 subject areas:

ART 100,102,103; MUS 100,121,122 (Applied Art/Mus 2 sem hr

ENGL 155,260,261; HIST 100,101,160,161

PHIL 101,102,103; 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:

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

Human Anatomy &amp; Physiology/lab, seq

Microbiology w/lab

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

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

## NATURAL SCIENCES:

CHEM 101+104 (seq) or CHEM 150

(4+4/5)

BIOL 250+251 or 260+261 (seq)

(8/8)

BIOL 270

(5)

MATH 095 (required/no credit)

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

General Psychology

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+151

(4+4)

SPEECH 100 or 111

(3)

## DOMAIN 4: HEALTH AND WELLNESS:

Health Ed (personal or nutrition)

2 PE Activity Courses

## HEALTH AND WELLNESS:

HEALTH 101 or FCS 162

(3/3)

2 PE Activity Courses

(2)

\*FCS 162 ok but units won't double count

## PROFESSIONAL COURSES REQUIRED:

\*Human Nutrition

\*Food Selection

\*Food Presentation

## PROFESSIONAL COURSES REQUIRED:

\*FCS 162 (also ok for Health 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 semester units

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

10/13/06

SBVCDTCS-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 for new graduates in California begin at \$35,000.

**LOMA LINDA UNIVERSITY REQUIREMENTS:****SBVC 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 100,102,103 or MUS 100,121,122 (3/3)  
HIST 100 or 101 (3/3)

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

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

**NATURAL SCIENCES:**

BIOL 250 (4)  
PHYSIC 101 (preferred) or CHEM 101 (4/4)  
MATH 095 (required/no credit)

**SOCIAL SCIENCES:**

General Psychology  
Sociology or Anthropology

**SOCIAL SCIENCES:**

PSYCH 100 (3)  
SOC 100 or ANTHro 102 (3/3)

**DOMAIN 3: COMMUNICATION:**

Freshman English, complete sequence  
Speech  
Intro to Computers

**COMMUNICATION:**

ENGL 101+151 (4+4)  
SPEECH 100 or 111 (3)  
CIT 101 (3)

**DOMAIN 4: HEALTH & WELLNESS: Not required for OTA****OTHER REQUIREMENT: Studio Art (1course)**

ART 124X4 or 126X4 or 212X4 (3)

**DOMAIN 5: ELECTIVES: To meet minimum total requirements of 48 qtr/32 semester 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 Degree - 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 PSYCHIATRIC HOSPITALS, CRIPPLED CHILDREN'S CAMPS and SCHOOLS, GERIATRIC HOMES, SHELTERED WORKSHOPS, and HOME CARE PROGRAMS.

**LOMA LINDA UNIVERSITY REQUIREMENTS:****SBVC 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)  
max)

Literature; Philosophy

History; Foreign Language/Amer Sign Lang

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

ART 100,102,103; MUS 100,121,122 (Applied Art/Mus 2 sem hr

ENGL 155,260,261; PHIL 101,102,103

HIST 100,101,160,161; 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 Science

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

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

**NATURAL SCIENCES:**BIOL 250+251 or 260+261 (complete seq) (8/8)

PHYSIC 101/ CHEM/MATH (4)

MATH 095 (required/no credit)

**SOCIAL SCIENCES:**

Cultural Diversity (required)

Sociology

General Psychology

Growth &amp; Development

**SOCIAL SCIENCES:**ANTHRO 102 or SOC 141 (required) (3/3)

SOC 100 (3)

PSYCH 100 (3)

PSYCH 112 or CD 105 (3)**DOMAIN 3: COMMUNICATION: (min 9 qtr/6 sem units)**

Freshman English, complete sequence

Speech

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

ENGL 101+151 (4+4)

SPEECH 100 or 111 (3)

**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal or nutrition)

2 PE Activity Courses

**HEALTH AND WELLNESS:**HEALTH 101 or FCS 162 (3/3)

2 PE Activity Courses (3)

**DOMAIN 5: ELECTIVES: To meet minimum total requirements of 96 qtr/64 semester 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. 40 hours work experience in an occupational therapy department. Prerequisites may be waived at the discretion of the OT department.

11/08/06

SBVCOCTH-7

**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 MEDICAL GROUPS, HOSPITALS, REHABILITATION CENTERS, OUTPATIENT CLINICS, NATIONAL and STATE AGENCIES, and SCHOOLS OF PHYSICAL THERAPY.

**LOMA LINDA UNIVERSITY REQUIREMENTS:****SBVC 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 100,102,103; MUS 100,121,122  
PHIL 101,102,103; HIST 100,101  
ENGL 155,260,261; Any Foreign Language/Amer Sign Lang

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

Human Anatomy & Physiology/lab, complete sequence  
Intro Physics/lab, one qtr/sem  
2 yrs HS Alg w/C grade or better or Inter Alg in College

**NATURAL SCIENCES:**

BIOL 250+251 or 260+261 (complete seq) (8/8)  
PHYSIC 101 (4)  
MATH 095 (required/no credit)

**SOCIAL SCIENCES:**

General Psychology  
Developmental Psych OR Abnormal Psychology

**SOCIAL SCIENCES:**

PSYCH 100 (3)  
PSYCH 112 or CD 105 or PSYCH 110 (3/3)

**DOMAIN 3: COMMUNICATION:**

Freshman English composition, complete sequence  
Speech

**COMMUNICATION:**

ENGL 101+151 (4+4)  
SPEECH 100 or 111 (3)

**DOMAIN 4: HEALTH AND WELLNESS:**

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

**HEALTH AND WELLNESS:**

HEALTH 101 or FCS 162 (3/3)  
2 PE Activity Courses (2)

DOMAIN 5: ELECTIVES: To meet minimum total requirements of 48 qtr/32 semester 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 SAN BERNARDINO VALLEY COLLEGE STUDENTS**  
 2007-2008

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

The BS/MPT Track is for individuals 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:**

**SBVC 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)  
 Philosophy; Literature  
 History; Foreign Language/Amer Sign Lang

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

Select from at least 3 subject areas:

ART 100,102,103; MUS 100,121,122 (Applied Art/Music 2 sem hr max)  
 PHIL 101,102,103; ENGL 155,260,261  
 HIST 100,101,160,161; 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, seq  
 Gen Chemistry/lab, seq + Intro Phys/lab (6 qtr hrs) OR  
 Gen Physics/lab, seq + 2 terms sequenced Chem/lab  
 Statistics  
 One additional Biology w/lab

**NATURAL SCIENCES:**

BIOL 250+251 or 260+261 or BIOL 201+202 (8)  
 CHEM 150+151 + PHYSIC 101 OR (10+4)  
 PHYSIC 150A+150B + CHEM 101+104 (10+8)  
 MATH 108 or PSYCH 105 (stat) (4/4)  
 Any additional Biology (5)

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

General Psychology  
 Human Growth & Development  
 Select remainder of soc sci units from:  
 Psych, Socio, Econ, Geog, Anthro, Poli Sci

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

PSYCH 100 (3)  
 PSYCH 112 or CD 105 (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+151 (4+4)  
 SPEECH 100 OR 111; CIT 101 (3;3)

**DOMAIN 4: HEALTH AND WELLNESS:**

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

**HEALTH AND WELLNESS:**

HEALTH 101 or FCS 162 (3/3)  
 2 PE Activity Courses (2)

**DOMAIN 5: ELECTIVES:** To meet minimum total requirements of 98 qtr/66 semester 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.

10/13/06

SBVCPHTH-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. The program is 3 years in length. Applicants must complete all of the following prerequisites courses.

**LOMA LINDA UNIVERSITY REQUIREMENTS:****SBVC COURSE EQUIVALENCIES:****DOMAIN 1: RELIGION AND HUMANITIES:**Total of 28 quarter/19 semester credits minimum.

RELIGION 4 qtr hrs/yr (max 8 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 100,102,103;MUS 100,121,122 (Applied Art/Music 2 sem hr max)

PHIL 101,102,103; HIST 100,101,160,161

ENGL 155,260,261; Any 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, seq + Intro Physics (6 qtr units) OR

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

Statistics

One additional Biology

**NATURAL SCIENCES:**BIOL 250+251 or 260+261 or BIOL 201+202 (8)CHEM 150+151 + PHYSIC 101 OR (10+4)

PHYSIC 150A+150B + CHEM 101+104 (10+8)

MATH 108 or PSYCH 105 (stat) (4/4)

Any additional Biology (5)

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

General Psychology

Human Growth &amp; Development

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

The department recommends additional electives in this area.

**SOCIAL SCIENCES:**

PSYCH 100 (3)

PSYCH 112 or CD 105 (3/3)**DOMAIN 3: COMMUNICATION:**Must include a minimum of 15 quarter / 10 semester units required

Freshman English, complete sequence

Speech; Intro to Computers

(Applicant may document computer proficiency)

**COMMUNICATION:**

ENGL 101+151 (4+4)

SPEECH 100 OR 111; CIT 101 (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:**HEALTH 101 or FSC 162 (3/3)

2 PE Activity Courses (2)

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

**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

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

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/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 qtr 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.

10/13/06

SBVCPHTH-11

**LOMA LINDA UNIVERSITY**  
**TRANSFER REQUIREMENTS FOR SAN BERNARDINO VALLEY COLLEGE STUDENTS**  
 2007-2008

**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:**                      **SBVC 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:**

Human Anatomy & Physiology/lab, complete sequence	BIOL 250+251 <u>or</u> 260+261 (complete seq)	(8/8)
Intro Physics/lab <u>or</u> Intro Chemistry/lab (college or HS)	PHYSIC 101 or CHEM 101	(4/4)
Medical Terminology	CIT 044	(3)
2 yrs HS Alg w/C grade or better or Inter Alg in College	MATH 095 (required/no credit)	

**SOCIAL SCIENCE:**

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

Freshman English, complete sequence	ENGL 101+151	(4+4)
Speech	SPEECH 100 OR 111	(3)
Computer (College or HS)	CIT101 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 semester 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 qtr units, inclusive of Core BSRS courses, area of emphasis and elective units.

**LOMA LINDA UNIVERSITY REQUIREMENTS:****SBVC 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 100,102,103; MUS 100,121,122 (Applied Art/Music 2 hr max)

ENGL 155,260,261; PHIL 101,102,103

HIST 100,101,160,161; 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 w/C grade or better or Inter Alg in college

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

Select additional from:

Chemistry, Mathematics

**NATURAL SCIENCES**

BIOL 250

MATH 095 (req/no credit)

(4+4)

(4;3;0)

Select additional from:

CHEM 101,104; MATH 102

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

Cultural Diversity (required)

Select additional units from:

PSYC, SOCI, ANTH, PLSC

**SOCIAL SCIENCES (2 AREAS 12 qtr/8 sem UNITS MIN)**ANTHRO 102 or SOC 141 (required)

(3/3)

Select additional units from: PSYCH 110,112; ANTHRO 102

SOC 100,110,130; POLIT 100,110

**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+151

(3+3)

SPEECH 100 OR 111; CIT 101

(3;3)

**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

**HEALTH AND WELLNESS:**HEALTH 101 or FCS 162

(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

## LOMA LINDA UNIVERSITY

**TRANSFER REQUIREMENTS FOR SAN BERNARDINO VALLEY COLLEGE STUDENTS**

2007-2008

**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 observations 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 minimum of 2 years full-time radiography work experience.

## LOMA LINDA UNIVERSITY REQUIREMENTS:

## SBVC 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 9 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 100,102,103; MUS 100,121,122 (Applied Art/Music 2 hr max)  
ENGL 155,260,261; PHIL 101,102,103  
HIST 100,101,160,161; 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, 1 qtr/sem  
2 yrs HS Alg w/C grade or better or Inter Alg in College  
Effective 2008, 3 yrs HS Alg or College Alg in college)  
Statistics  
Research Methods

BIOL 250 (4+4)  
MATH 095 (req/no credit) (4;3;0)  
MATH 108 (4)

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

Cultural Diversity (required)

Select additional from:  
PSYC, SOCI, ANTH, PLSC

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

ANTHRO 102 or SOC 141 (required)

Select additional from: PSYCH 110,112; ANTHRO 102  
SOC 100,110,130; POLIT 100,110 (3/3)

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

Freshman English, complete sequence

If needed, select additional units from: Speech or Computer

ENGL 101+151

SPEECH 100 OR 111/CIT 101

(3+3)

(3/3)

## DOMAIN 4: HEALTH AND WELLNESS

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

## HEALTH AND WELLNESS

HEALTH 101 or FCS 162

2 PE Activity Courses

(3/3)

(2)

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

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

RADIOLOGIST ASSISTANT Certificate program is for those individuals who have a 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.

10/13/06

SBVCRABS-14

## LOMA LINDA UNIVERSITY

**TRANSFER REQUIREMENTS FOR SAN BERNARDINO VALLEY 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 (90) 558-4931 or 1-800-422-4558.

**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:

## SBVC 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 100,102,103; MUS 100,121,122 (Applied Art/Music 2 hr max)  
ENGL 155,260,261; PHIL 101,102,103  
HIST 100,101,160,161; 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:

A&P/lab, seq (preferred) or Gen Bio  
Intro or Gen Chemistry/lab, complete seq  
Microbiology w/lab  
Intro Physics/lab, one qtr or HS Physics  
2 yrs HS Alg w/C grade or better or Inter Alg in college  
(Effective 2008, 3 yrs HS Alg or College Alg in College)

## NATURAL SCIENCES:

BIOL 250+251 or 260+261 or BIOL 201+202/seq (8)  
CHEM 101+104 or 150+151 (8/10)  
BIOL 270 (5)  
PHYSIC 101 or HS Physics (4/0)  
MATH 095 (required/no credit)

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

Cultural Diversity  
General Psychology  
Select additional from:  
ANTH; SOCI; PSYC; PLSC; ECON

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

ANTHRO 102 or SOC 141 (required) (3/3)  
PSYCH 100 (3)  
Select add'l from: ANTHRO 102; SOC 100,110,130;  
PSYCH 110,112; POLIT 100,110; ECON 100,200,201

## 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+151 (4+4)  
SPEECH 100/111 or CIT 101 or HS computer (3/3)

## DOMAIN 4: HEALTH AND WELLNESS:

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

## HEALTH AND WELLNESS:

HEALTH 101 or FCS 162 (3/3)  
2 PE Activity Courses (2)

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

PLEASE NOTE THAT C MINUS (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 COARD 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:****SBVC 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 100,102,103; MUS 100,121,122 (Applied Art/Music 2 hr max)

ENGL 155,260,261; PHIL 101,102,103

HIST 100,101,160,161; 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:**

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

Intro or Gen Chemistry/lab, complete seq

Microbiology w/lab

Intro Physics/lab, one qtr or HS Physics

2 yrs HS Alg w/C grade or better or Inter Alg in College  
(Effective 2008, 3 yrs HS Alg or College Alg in College)

**NATURAL SCIENCES:**

BIOL 250+251 or 260+261 or BIOL 201+202/seq (8)

CHEM 101+104 or 150+151 (8/10)

BIOL 270 (5)

PHYSIC 101 or HS Physics (4/0)

MATH 095 (required/no credit)

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

Cultural Diversity

General Psychology

Select additional from: ANTH; SOCI;

PSYC; PLSC; ECON

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

ANTHRO 102 or SOC 141 (required) (3/3)

PSYCH 100 (3)

Select add'l from: ANTHRO 102; SOC 100,110,130;

PSYCH 110,112; POLIT 100,110; ECON 100,200,201

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

Freshman English, complete sequence

Speech (required)

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

ENGL 101+151 (4+4)

SPEECH 100 (3)

**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

**HEALTH AND WELLNESS:**

HEALTH 101 or FCS 162 (3/3)

2 PE Activity Courses (2)

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

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

\* Honors courses may be taken in all listed courses

**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:****SBVC COURSE EQUIVALENCIES:****DOMAIN 1: RELIGION AND HUMANITIES:**(Total of 20 qtr/14 sem units minimum in Domain 1 for B.S.)

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 100,102,103; MUS 100,121,122 (Applied Art/Music 2 hr max)

ENGL 155,260,261; PHIL 101,102,103

HIST 100,101,160,161; Any Foreign Language/Amer Sign Lang

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

Human A&amp;P w/lab, 1 qtr/sem

Intro Chem/lab (1qtr/sem)

Microbiology w/lab

Intro Physics/lab, 1 qtr

College Algebra

**NATURAL SCIENCES:**BIOL 250 or BIOL 260 or BIOL 201

CHEM 101

BIOL 270

PHYSIC 101

MATH 102

(4)

(4)

(5)

(4)

(4)

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

Cultural Diversity (required for B.S.)

General Psychology

Select additional from:

Psychology, Sociology

**SOCIAL SCIENCES: (2 AREAS 12 qtr/8 sem UNITS MIN)**ANTHRO 102 or SOC 141 (required for B.S. program)

PSYCH 100

Select additional from:

PSYCH 110,112; SOC 130

(3/3)

(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+151

SP 100 /111 or CIT 101

(4+4)

(3)

**DOMAIN 4: HEALTH AND WELLNESS**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

**HEALTH AND WELLNESS:**HEALTH 101 or FCS 162

2 PE Activity Courses

(3/3)

**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 & Pre MED – Make appointment to meet with advisor at (909) 558-7076.

**LOMA LINDA UNIVERSITY**  
**TRANSFER REQUIREMENTS FOR SAN BERNARDINO VALLEY COLLEGE STUDENTS**  
**2007-2008**

**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:**

**SBVC COURSE EQUIVALENCIES:**

**DOMAIN 1: RELIGION AND HUMANITIES:**

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

RELIGION 4 qtr hrs/yr only (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 100,102,103; MUS 100,121,122 (Applied Art/Music 2 hr max)
- ENGL 155,260,261; PHIL 101,102,103
- HIST 100,101,160,161; Any Foreign Language/Amer Sign Lang

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

- Human Anatomy & Physiology/lab (recommended)
- 2 yrs HS Alg w/C grade or better or Inter Alg in College (Effective 2008, 3 yrs HS Alg or College Alg in College)
- Intro Physics, 1qtr (strongly recommended)
- Select additional from Biology, Physics, Math, Chemistry

- BIOL 250,251 or 260,261 (recommended) (4,4)
- MATH 095 (required/no credit)

- PHYSIC 101 (strongly recommended) (4)
- Select additional from BIOL, PHYSICS, 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 112 or CD 105 (3;3/3)

**DOMAIN 3: COMMUNICATION: (min 9 qtr/8 sem units)**

- Freshman English, complete sequence
- Speech

- COMMUNICATION: (min 9 qtr/8 sem units)
- ENGL 101+151 (4+4)
- SPEECH 100 OR 111 (3)

**DOMAIN 4: HEALTH AND WELLNESS:**

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

- HEALTH AND WELLNESS:
- HEALTH 101 or FCS 162 (3/3)
- 2 PE Activity Courses (2)

**DOMAIN 5: ELECTIVES: To meet minimum total requirements of 96 qtr/64 semester 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.

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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:**

Intro Chemistry/lab, seq or Gen Chem/lab, seq  
 College algebra  
 English composition, complete sequence  
 Human Anatomy & Physiology/lab, complete sequence  
 Microbiology/lab  
 Sociology or cultural anthropology  
  
 General Psychology

**SBVC COURSE EQUIVALENCIES:**

CHEM 101+104 (seq) or 150+151 (4+4/5+5)  
 MATH 102 (4)  
 ENGL 101+151 (complete seq) (4+4)  
 BIOL 250+251 or 260+261 (complete seq) (8/8)  
 BIOL 270 (5)  
 SOC 100 or ANTHRO 102 (3/3)  
 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).