

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:**LSU 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 Language

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

ARTA 205; MUHL 205 (Applied Art/Music 2 sem hrs max)

ENGL 224,246; PHIL 204,208

HIST 104,105,106; Foreign Language/Amer Sign Language

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

Gen Biology/lab, complete sequence

Anatomy & Physiology/lab; Micro/lab

Gen Chemistry/lab complete sequence

College Alg

NATURAL SCIENCES:**Program Requirements:**

BIOL 101/L+102/L+103/L (complete seq) (12)

BIOL 131+132 (seq); BIOL 185 (5+5;5)

CHEM 111/L+112/L+113/L (seq) (15)

MATH 121 (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 315 or HPSC 106 or SOCI 307 or RLGN 305 (4)

Select remainder from:

ANTH 315; ECON 254,255

PSYC 104,234; PLSC 274

SOCI 104; No GEOG equivalent

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

Freshman English, complete sequence

If needed, select remainder from:

Computer

Speech

COMMUNICATION: (min 9 qtr/6 sem units)

ENGL 111+112+113 (3+3+3)

CPTG 104 (4)

COMM 104 or 244 (4/4)

DOMAIN 4: HEALTH AND WELLNESS:

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

HEALTH AND WELLNESS:HLED 214 or 225 (4/4)

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

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: LSU 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 Language

HUMANITIES (min 12 qtr/8 sem units)

Select from at least 3 subject areas:

ARTA 205; MUHL 205 (Applied Art/Music 2 sem hrs max)

ENGL 224,246; PHIL 204,208

HIST 104,105,106

Any Foreign Language/Amer Sign Language

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/lab, complete sequence

Organic Chemistry/lab, complete sequence

Intro Physics/lab (must include light & electricity)

General Biology/lab (one course)

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

NATURAL SCIENCES:

Program Requirements:

MATH 121

(4)

CHEM 111/L+112/L+113/L (complete sequence)

(15)

CHEM 371+372/L+373/L (sequence)

(12)

PHYS 117+118

(6)

BIOL 101/L+102/L+103/L

(12)

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

Cultural Diversity (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)

ANTH 315 or HPSC 106 or SOCI 307 or RLGN 305

(4)

ANTH 315; SOCI 104

PSYC 104,234; PLSC 274

ECON 254,255; No GEOG equivalent

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 111+112+113

(3+3+3)

CPTG 104

(4)

COMM 104 or 244

(4/4)

DOMAIN 4: HEALTH AND WELLNESS:

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

HEALTH AND WELLNESS:

HLED 214 or 225

(4/4)

2 PE Activity Courses

(2)

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

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

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

LOMA LINDA UNIVERSITY
TRANSFER REQUIREMENTS FOR LA SIERRA UNIVERSITY 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:

LSU 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 Language

HUMANITIES (min 12 qtr/8 sem units)

Select from at least 3 subject areas:

ARTA 205; MUHL 205 (Applied Art/Music 2 sem hrs max)

ENGL 224,246; PHIL 204,208

HIST 104,105,106; Foreign Language/Amer Sign Language

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

NATURAL SCIENCES MINIMUM GEN ED

Anatomy & 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 one add'l from phys/math/chem/geol/astron

NATURAL SCIENCES MINIMUM GEN ED

BIOL 131+132 (complete sequence) (5+5)

MATH 007 (required/no credit) (0)

No MED TERM equivalent

Select PHYS/MATH/CHEM/GEOL/ASTR (6 qtr units min)

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 315 or HPSC 106 or SOCI 307 or RLGN 305 (4)

PSYC 104 (4)

Select remainder from:

ANTH 315; SOCI 104

ECON 254,255; PLSC 274; No GEOG equivalent

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 111+112+113 (3+3+3)

CPTG 104 (word processing in 104) (4)

BUAD 375 (4)

DOMAIN 4: HEALTH AND WELLNESS:

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

HEALTH AND WELLNESS:

HLED 214 or 225 (4/4)

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 211 or 212

(4/4)

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.

LOMA LINDA UNIVERSITY
TRANSFER REQUIREMENTS FOR LA SIERRA UNIVERSITY STUDENTS
2007-2008

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:

LSU 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, sequence
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 131+132 (complete sequence) (5+5)
CHEM 101/L+102/L+103/L (seq) or 111/L+112/L (10.5/10)
MATH 006, 007 (required/no credit)

SOCIAL SCIENCE:

Intro to Sociology

SOCIAL SCIENCE:

SOCI 104 (4)

DOMAIN 3: COMMUNICATION:

Freshman English, complete sequence
Speech

COMMUNICATION:

ENGL 111+112+113 (3+3+3)
COMM 104 or 244 (4)

DOMAIN 4: HEALTH/OTHER REQUIREMENT:

Human Nutrition

HEALTH/OTHER REQUIREMENT:

HLED 225 (also ok for Health Ed) (4)

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

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

CERTIFICATE FOR DIETETIC TECHNICIAN: To be eligible for admissions, 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/lab (complete seq) OR one semester or 2 quarters general chemistry/lab.

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 HEALTH CARE offers the dietitian a steadily widening horizon of professional opportunities. Opportunities may also be found in HEALTH CARE RESEARCH PROGRAMS, FOOD INDUSTRIES, STATE AGENCIES and NUTRITION CARE MANAGEMENT.

LOMA LINDA UNIVERSITY REQUIREMENTS:**LSU 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)

Philosophy; History

Literature; Foreign Language/Amer Sign Language

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

ARTA 205; MUHL 205 (Applied Art/Music 2 sem hrs max)

PHIL 204,208; HIST 104,105,106

ENGL 224,246; Any Foreign Language/Amer Sign Language

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

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

Human Anatomy & 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 101/L + 102/L + 103/L OR 111/L+112/L (10.5/10)

BIOL 131+132 (sequence) (5+5)

BIOL 185 (5)

MATH 007 (required/no credit)

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

General Psychology

Intro to Sociology

Select additional from: Psych, Soc, ANTH, Polisci

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

PSYC 104 (4)

SOCI 104 (4)

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

Freshman English, complete sequence

Speech

COMMUNICATION: (min 9 qtr/6 sem units)

ENGL 111+112+113 (3+3+3)

COMM 104 or 244 (4)**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

HEALTH AND WELLNESS:HLED 214 or 225 (4/4)

*HLED 225 ok Health Ed but units won't double count

2 PE Activity Courses (2)

PROFESSIONAL COURSES REQUIRED:

*Basic Nutrition

*Food Selection

*Food Presentation

PROFESSIONAL COURSES REQUIRED:

HLED 225 (also ok for Health Ed) (4)

*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

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

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

11/03/06

LSUDTCS-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 grads in California begin at \$35,000.

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

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

HUMANITIES (min 12 qtr/8 sem units):

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

HUMANITIES (min 12 qtr/8 sem units):

ARTA 205 or MUHL 205 (applied Art/Mus won't count) (4/4)
HIST 106 (4)

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

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

NATURAL SCIENCES:

BIOL 131 (5)
PHYS 117 (preferred) or CHEM 101/L (4/4)
MATH 007 (required/no credit)

SOCIAL SCIENCES:

General Psychology
Sociology or Anthropology

SOCIAL SCIENCES:

PSYC 104 (4)
SOC 104 or ANTH 315 (4/4)

DOMAIN 3: COMMUNICATION:

Freshman English, complete sequence
Speech
Intro to Computers

COMMUNICATION:

ENGL 111+112+113 (3+3+3)
COMM 104 or 244 (4)
CPTG 104 (4)

DOMAIN 4: OTHER REQUIREMENT:

Studio Art (one course)

OTHER REQUIREMENT: ARTS 224, 274, 284

ARTS 224, 274, 284 (4)

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

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

therapy

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

MAJOR: BS/MPT 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:**LSU 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)

Philosophy; History

Literature; Foreign Language/Amer Sign Language

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

ARTA 205; MUHL 205 (Applied Art/Music 2 sem hrs max)

PHIL 204,208; HIST 104,105,106

ENGL 224,246; Any Foreign Language/Amer Sign Language

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

Human Anatomy & Physiology, complete sequence

Select one add'l from Physics, Physical Sciences

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 131+132 (complete sequence) (5+5)

PHYS 117

MATH 007 (required/no credit)

SOCIAL SCIENCES:

Sociology

Gen Psychology

Growth & Development

SOCIAL SCIENCES:

SOCI 104 (4)

PSYC 104 (4)

PSYC 234 (4)

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

Freshman English, complete sequence

Speech

COMMUNICATION: (min 9 qtr/6 sem units)

ENGL 111+112+113 (3+3+3)

COMM 104 or 244 (4)**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

HEALTH AND WELLNESS:HLED 214 or 225 (4/4)

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- 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.

05/17/07

LSUOCTH-7

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:**LSU 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 Art/Music not acceptable)
Philosophy/American History
Literature; Foreign Language/Amer Sign Language

HUMANITIES

Select one from:

ARTA 205 or MUHL 205 (Applied Art/Mus not acceptable)
PHIL 204,208; HIST 104,105,106
ENGL 224,246; Any Foreign Lang/Amer Sign Language

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 131+132 (complete sequence) (5+5)
PHYS 117 (4)
HS or MATH 007 (required/no credit)

SOCIAL SCIENCES:

General Psychology
Developmental or Abnormal Psychology

SOCIAL SCIENCES:

PSYC 104 (4)
PSYC 234 or 475 (4/4)

DOMAIN 3: COMMUNICATION:

Freshman English composition, complete sequence
Speech

COMMUNICATION:

ENGL 111+112+113 (3+3+3)
COMM 104 or 244 (4)

DOMAIN 4: HEALTH AND WELLNESS:

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

HEALTH AND WELLNESS:

HLED 214 or 225 OR (4/4)
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

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

The BS/MPT Track is for Physical Therapy Assistants 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:**LSU 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; History

Literature; Foreign Language/Amer Sign Language

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

ARTA 205; MUHL 205 (Applied Art/Music 2 sem hrs max)

PHIL 204,208; HIST 104,105,106

ENGL 224,246; Any Foreign Language/Amer Sign Language

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)

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

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

Statistics

One additional Biology w/lab

NATURAL SCIENCES:BIOL 131+132 or BIOL 101/L+102/L+103/L

CHEM 111/L+112/L+113/L + PHYS 117+118 OR (10/12)

PHYS 231/L+232/L+233/L + CHEM 101/L+102/L (15+6)

MATH 251 (15+7)

Any additional Biology/lab (4)

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

Gen Psychology

Human Growth & Development

Select additional from: Psych, Soc, ANTH, Polisci

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

PSYC 104 (4)

PSYC 234 (4)

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 111+112+113 (3+3+3)

COMM 104 or 244; CPTG 104 (4;4)**DOMAIN 4: HEALTH AND WELLNESS:**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

HEALTH AND WELLNESS:HLED 214 or 225 (4/4)

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.

11/03/06

LSUPHTH-9

LOMA LINDA UNIVERSITY

TRANSFER REQUIREMENTS FOR LA SIERRA UNIVERSITY STUDENTS

2007-2008

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 1/4 years in length. Applicants must complete all of the following prerequisites courses.

LOMA LINDA UNIVERSITY REQUIREMENTS:

LSU 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 Language

The department recommends additional electives in this area.

HUMANITIES

Select from at least 3 subject areas:

ARTA 205; MUHL 205 (Applied Art/Music 2 sem hrs max)

PHIL 204,208; HIST 104,105,106

ENGL 224,246; Any Foreign Language/Amer Sign Language

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

Must include a minimum of 53 quarter/35 semester units with at least one course a 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 131+132 or BIOL 101/L+102/L+103/LCHEM 111/L+112/L+113/L + PHYS 117+118 OR (10/12)

PHYS 231/L+232/L+233/L + CHEM 101/L+102/L (15+6)

MATH 251 (15+7)

Any additional Biology (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 one additional credits from: Psych, Soc, ANTH, Polisci

The department recommends additional electives in this area.

SOCIAL SCIENCES:

PSYC 104 (4)

PSYC 234 (4)

DOMAIN 3: COMMUNICATION:

Must include a minimum of 15 quarter / 10 semester units

Freshman English, complete sequence

Speech; Intro to Computers

(Applicant may document Computer proficiency)

COMMUNICATION:

ENGL 111+112+113 (3+3+3)

COMM 104 or 244; CPTG 104 (4;4)

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:

HLED 214 or 225 (4/4)

2 PE Activity Courses (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. NOTE: Maximum of 105 qtr/70 semester 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

11/03/06

LSUDPT-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 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.

LOMA LINDA UNIVERSITY
SCHOOL OF ALLIED HEALTH PROFESSIONS

LOMA LINDA UNIVERSITY

TRANSFER REQUIREMENTS FOR LA SIERRA UNIVERSITY 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: LSU 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	BIOL 131+132 (complete seq)	(5+5)
Intro Physics/lab <u>or</u> Intro Chem/lab (college or HS)	PHYS 117 or CHEM 101/L	(4/4)
Medical Terminology	No MED TERM equiv.	
2 yrs HS Alg/C grade or better or Inter Alg in College	MATH 007 (required/no credit)	

SOCIAL SCIENCE:

General Psychology <u>or</u> Sociology	SOCIAL SCIENCE:	
	PSYC 104 <u>or</u> SOCI 104	(4/4)

DOMAIN 3: COMMUNICATION:

Freshman English, complete sequence	COMMUNICATION:	
Speech	ENGL 111+112+113	(3+3+3)
Computer (college or HS)	COMM 104 <u>or</u> 244	(4)
	CPTG 104 or HS computer	(4/0)

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- GRADES ARE NOT TRANSFERABLE FOR CREDIT

11/03/06

LSURTC-12

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:**LSU 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 Language

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

ARTA 205; MUHL 205 (Applied Art/Music 2 sem hrs max)

ENGL 224,246; PHIL 204,208

HIST 104,105,106; Foreign Language/Amer Sign Language

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 & 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)

Select additional from:

Chemistry, Mathematics

NATURAL SCIENCES MINIMUM GEN ED

Program Requirements:

BIOL 131 (5)

MATH 007 (0)

Select additional from:

CHEM 101,102,103; MATH 121

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)

ANTH 315 or HPSC 106 or SOCI 307 or RLGN 305 (4)

Select additional units from: PSYC 104,234

SOCI 104; ANTH 315; PLSC 274

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

Freshman English, complete sequence

If needed, select additional units from Speech, Computer

COMMUNICATION: (min 9 qtr/6 sem units)

ENGL 111+112+113 (3+3+3)

COMM 104 or 244; CPTG 104 (4;4)**DOMAIN 4: HEALTH AND WELLNESS**

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

HEALTH AND WELLNESSHLED 214 or 225 (4/4)

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 LA SIERRA UNIVERSITY STUDENTS
2007-2008

MAJOR: RADIOLOGIST ASSISTANT, B.S.

The American Society of Radiologic Technologists (ASRT) supports this mid-level provide, 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. To be eligible for the BS program, the applicant must have certification from the AART, minimum of 2 years full-time radiography work experience. 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.

LOMA LINDA UNIVERSITY REQUIREMENTS:

LSU 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 Language

HUMANITIES (min 12 qtr/8 sem units)

Select from at least 3 subject areas:

ARTA 205; MUHL 205 (Applied Art/Music 2 sem hrs max)
ENGL 224,246; PHIL 204,208
HIST 104,105,106; Foreign Language/Amer Sign Language

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
Statistics
Research Methods

NATURAL SCIENCES

BIOL 131 or 132 (5/5)
MATH 251 (4)

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

Cultural Diversity (required)
Select additional from: PSYC,
SOC, ANTH, PLSC

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

ANTH 315 or HPSC 106 or SOCI 307 or RLGN 305 (4)
Select additional from: PSYC 104,234
SOCI 104; ANTH 315; PLSC 274

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

Freshman English, complete sequence
If needed, select from: Speech, Computer

COMMUNICATION: (min 9 qtr/6 sem units)

ENGL 111+112+113 (3+3+3)
COMM 104 or 244; CPTG 104 (4;4)

DOMAIN 4: HEALTH AND WELLNESS

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

HEALTH AND WELLNESS

HLED 214 or 225 (4/4)
2 PE Activity Courses (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 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.

LOMA LINDA UNIVERSITY
TRANSFER REQUIREMENTS FOR LA SIERRA UNIVERSITY 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>

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

11/03/06

LSURTCHCERT-15

LOMA LINDA UNIVERSITY
SCHOOL OF ALLIED HEALTH PROFESSIONS

LOMA LINDA UNIVERSITY
TRANSFER REQUIREMENTS FOR LA SIERRA UNIVERSITY 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:

LSU 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 Language

HUMANITIES (min 12 qtr/8 sem units):

Select from at least 3 subject areas:
 ARTA 205; MUHL 205 (Applied Art/Music 2 sem hrs max)
 ENGL 224,246; PHIL 204,208
 HIST 104,105,106; Foreign Language/Amer Sign Language

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, 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 131+132 or BIOL 101/L+102/L+103/L (10/12)
 CHEM 101/L-103/L or 111/L-113/L (10.5/15)
 BIOL 185 (5)
 PHYS 117 or HS Physics (4/0)
 MATH 007 (0)

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

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

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

ANTH 315 or HPSC 106 or SOCI 307 or RLGN 305 (4)
 PSYC 104 (4)
 Select additional from: ANTH 315; SOCI 104; PLSC 274
 PSYC 234; ECON 254,255

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

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

COMMUNICATION: (min 9 qtr/6 sem units)

ENGL 111+112+113 (3+3+3)
 COMM 104 or 244 or CPTH 104 or HS computer (4/4/4/0)

DOMAIN 4: HEALTH AND WELLNESS:

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

HEALTH AND WELLNESS:

HLED 214 or 225 (4/4)
 2 PE Activity Courses (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

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 requirement 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:**LSU 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 Language

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

ARTA 205; MUHL 205 (Applied Art/Music 2 sem hrs max)

ENGL 224,246; PHIL 204,208

HIST 104,105,106; Foreign Language/Amer Sign Language

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, seq 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 131+132 or BIOL 101/L+102/L+103/L

(10/12)

CHEM 101/L-103/L or 111/L-113/L

(10.5/15)

BIOL 185

(5)

PHYS 117 or HS Physics

(4/0)

MATH 007

(0)

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

Cultural Diversity

General Psychology

Select additional from: ANTH; SOCI; PLSC

PSYC, ECON

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

ANTH 315 or HPSC 106 or SOCI 307 or RLGN 305

(4)

PSYC 104

(4)

Select additional from: ANTH 315; SOCI 104; PLSC 274

PSYC 234; ECON 254,255

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

Freshman English, complete sequence

Speech (required)

COMMUNICATION: (min 9 qtr/6 sem units)

ENGL 111+112+113

(3+3+3)

COMM 104 or 244

(4/4)

DOMAIN 4: HEALTH AND WELLNESS:

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

HEALTH AND WELLNESS:HLED 214 or 225

(4/4)

2 PE Activity Courses

(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

11/03/06

LSURSTH-17

LOMA LINDA UNIVERSITY
TRANSFER REQUIREMENTS FOR LA SIERRA UNIVERSITY 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:

LSU COURSE EQUIVALENCIES:

DOMAIN 1: RELIGION AND HUMANITIES:

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

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 Language

HUMANITIES (min 12 qtr/8 sem units):

Select from at least 3 subject areas:
 ARTA 205; MUHL 205 (Applied Art/Music 2 sem hrs max)
 ENGL 224,246; PHIL 204,208
 HIST 104,105,106; Foreign Language/Amer Sign Language

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

NATURAL SCIENCES:

Human A & P/lab, (1 qtr/sem)
 Micro/lab; Intro Chem/lab, one qtr/sem
 Intro Physics/lab, one qtr
 Collge Algebra

NATURAL SCIENCES:

BIOL 131 or 132 (5/5)
 BIOL 185; CHEM 101/L (5;3.5)
 PHYS 117 (4)
 MATH 121 (4)

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

Cultural Diversity
 General Psychology
 Select additional from: Psych, Sociology

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

ANTH 315 or HPSC 106 or SOCI 307 or RLGN 305 (4)
 PSYC 104 (4)
 PSYC 234; SOCI 104

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 111+112+113 (3+3+3)
 COMM 104 or 244 or CPTG 104 (4/4/4)

DOMAIN 4: HEALTH AND WELLNESS

Health Ed (personal hlth or nutrition)

 2 PE Activity Courses

HEALTH AND WELLNESS

HLED 214 or 225 (4/4)

 2 PE Activity Courses (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 & Pre MED-Make appointment to meet with advisor at (909) 558-7076.

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:**LSU COURSE EQUIVALENCIES:****DOMAIN 1: RELIGION AND HUMANITIES:**

(Total of 20 qtr 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 Language

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

ARTA 205; MUHL 205 (Applied Art/Music 2 sem hrs max)

ENGL 224,246; PHIL 204,208

HIST 104,105,106; Foreign Language/Amer Sign Language

DOMAIN 2: SCIENTIFIC INQUIRY AND ANALYSIS: (min 12 qtr/8 sem TOTAL from at least 2 areas)**NATURAL SCIENCES:**Human Anatomy & 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 quarter (**strongly recommended**)

Select add'l from Biology, Physics, Math, Chemistry

NATURAL SCIENCES:BIOL 131+132 (**recommended**)

(5+5)

MATH 007 (required/no credit)

PHYS 117

(4)

Select add'l from BIOL, PHYS, MATH, CHEM

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

General Psychology; Human Development

Select additional from: Psych, Soc, ANTH, Polisci

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

PSYC 104; PSYC 234

(4;4)

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

Freshman English, complete sequence

Speech

COMMUNICATION: (min 9 qtr/6 sem units)

ENGL 111+112+113

(3+3+3)

COMM 104 or 244

(4)

DOMAIN 4: HEALTH AND WELLNESS:

Health Ed (personal hlth or nutrition)

2 PE Activity Courses

HEALTH AND WELLNESS:HLTH 214 or 225

(4/4)

2 PE Activity Courses

(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-1960s. 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:

The applicant must have a baccalaureate degree from an accredited institution. PLUS, at least, 1000 hours of hands-on patient care experience.

MINIMUM GPA: 3.0

LOMA LINDA UNIVERSITY REQUIREMENTS:**LSU COURSE EQUIVALENCIES:**

Intro Chemistry/lab, seq or Gen Chem/lab, seq	CHEM 101/L+102/L+103/L (seq) or 111/L-113/L (1 0.5/15)	
College algebra	MATH 121	(4)
English composition, complete sequence	ENGL 111+112+113 (complete sequence)	(3+3+3)
Human Anatomy & Physiology/lab, complete sequence	BIOL 131+132 (complete sequence)	(5+5)
Microbiology/lab	BIOL 185	(5)
Sociology <u>or</u> cultural anthropology	SOCI 104 <u>or</u> ANTH 315	(4/4)
General Psychology	PSYC 104	(4)

RECOMMENDED COURSES: Medical Terminology, Statistics, Computer Literacy

*To apply for the Physician Assistant, M.S. degree program, go to caspaonline.org.