



OUR LADY OF THE LAKE COLLEGE

Franciscan Missionaries of Our Lady Health System

CATALOG

FALL 2001 - SPRING 2003

ACCREDITATION / MEMBERSHIP

Our Lady of the Lake College is registered with the Louisiana State Board of Regents as a degree-granting institution.

Our Lady of the Lake College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097 (404) 679-4501) to award associate and bachelor's degrees.

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Volume 9, Number 1
November 2001

A Message from the President



Our Lady of the Lake College traces its origin to 1923 when a small group of Franciscan Missionaries of Our Lady arrived in Baton Rouge and started both a hospital and a small nursing school. In the three-quarters of a century between then and now, that small nursing school has grown into an institution widely recognized for its specialized programs in the granting institution, then to a four-year college awarding not only certificates and associate degrees but also baccalaureate degrees.

Our first associate degrees were accredited by the Southern Association of Colleges in the early 1990s: the first bachelor degree program became accredited in

1998. All programs at all levels added since are also accrediting agencies.

Today we are nursing-and a whole lot more. Our new associate degrees and baccalaureate degrees in the health sciences, the humanities, and the liberal arts attract increasing numbers of students. Over the years as we add programs, we also added buildings, faculty, and staff as increasing numbers of health science-oriented students recognized that the programs available at Our Lady of the Lake College lead to excellent employment opportunities. Moreover, they lead to careers that allow individuals to make a very positive impact on society.

Every year since 1923 has brought growth and change to our college. This year is no exception. We begin this academic year with dramatically expanded and restructured campus facilities. The various administrative and support functions which had been scattered among several buildings are now centralized in a new administrative building. Several instructional programs have been moved to improved facilities. This year our new Health Career Institute also moves to its own building.

Welcome to Our Lady of the Lake College. Our programs are challenging, and the rewards for success are great. You have chosen well.

Michael Smith
President

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This catalog has been prepared from existing policies and information obtained from the appropriate college officials and is intended to be complete and accurate; however, information contained in this publication is subject to change without prior notice. Any changes in this publication are on file in the Office of the Registrar. Information contained herein shall not constitute a binding agreement on the part of Our Lady of the Lake College.

Academic Calendar

FALL SEMESTER 2001

Registration Deadline	August 10
Late Registration	August 16
New Student Orientation	August 17
Drop/Add Begins	August 20
First Day of Classes	August 20
Last Day to Add Classes	August 24
Last Day to Drop Classes Without a W Grade	August 31
Labor Day Holiday	September 3
Academic Advising/Pre-Registration Begins.....	October 15
Last Day to Withdraw	October 19
Thanksgiving Holiday	6:00 p.m. November 21-23
Last Day of Classes.....	December 1
Final Examinations	December 3-8
Fall Commencement	December 15

SPRING SEMESTER 2002

Registration Deadline	December 27
Late Registration	January 3
New Student Orientation	January 4
First Day of Classes	January 7
Drop/Add Begins	January 7
Last Day to Add Classes	January 11
Dr. Martin Luther King Day	January 21
Last Day to Drop Classes Without a W Grade	January 25
Intent to Graduate forms due for May 2002 Commencement.....	January 25
Mardi Gras Holiday	February 11 - 12
Spring Break	February 25 - March 2
Last Day to Withdraw	March 22
Academic Advising/Pre-Registration Begins.....	March 25
Good Friday Holiday	March 29
Last Day of Classes.....	April 30
Final Examinations	May 1 - 7
Spring Commencement	May 25

ALL DATES ARE SUBJECT TO CHANGE

MAYMESTER/SUMMER SESSION 2002

2002 Maymester Registration Deadline	May 7
First Day of Maymester Classes	May 13
Last Day to Withdraw Without a W Grade	May 15
Last Day to Withdraw	May 17
Spring Commencement	May 25
2002 Eight Week Session Registration Deadline	May 27
New Student Orientation	May 28
Last Day of Maymester Classes	June 1
First Day of Eight Week Session Classes	June 3
Drop/Add Begins	June 3
New Student Orientation	Given During the 1st Week of ACSM Classes
Last Day to Add Classes	June 7
Last Day to Drop Classes Without a W Grade	June 14
Independence Day Holiday	July 4 - 6
Last Day to Withdraw	July 8
Last Day of Classes	July 27
Final Examinations	July 29-August 2

FALL SEMESTER 2002

Fall 2002 Registration Deadline	August 9
Late Registration	August 15
New Student Orientation	August 16
Drop/Add Begins	August 19
First Day of Classes	August 19
Last Day to Add Classes	August 23
Labor Day Holiday	August 31 - September 2
Classes Resume	September 4
Last Day to Drop Classes Without a W Grade	September 4
Intent to Graduate Forms Due for Fall 2002 Commencement	September 4
Academic Advising/Pre-Registration Begins	October 14
Last Day to Withdraw	October 18
Thanksgiving Holiday	6: 00 p.m. November 27-30
Last Day of Classes	December 2
Final Examinations	December 3 - 9
Fall Commencement	December 14

ALL DATES ARE SUBJECT TO CHANGE

SPRING SEMESTER 2003

~Proposed~

Spring 2002 Registration Deadline	December 20
Late Registration	January 9
New Student Orientation	January 10
Drop/Add Begins	January 13
First Day of Classes	January 13
Martin Luther King Holiday	January 20
Last Day to Add Classes	January 21
Last Day to Drop Classes Without a W Grade	January 28
Intent to Graduate Forms Due for Fall 2003 Commencement	January 28
Academic Advising/Pre-Registration Begins	March 11
Last Day to Withdraw	March 22
Easter Holiday	6:00 p.m. April 17 - April 19
Classes Resume	April 21
Last Day of Classes	May 3
Final Examinations	May 5 - 10
Spring Commencement	May 17

ALL DATES ARE SUBJECT TO CHANGE

Refer to our website at www.ololcollege.edu for any catalog updates.

Programs at OLOL College

BACHELOR OF SCIENCE DEGREES

Bachelor of Science in Biology

Bachelor of Science in Clinical Laboratory Science

Bachelor of Science in Health Sciences

Bachelor of Science in Health Service Administration

Bachelor of Science in Human Medicine

Bachelor of Science in Nursing (*RN to Bachelor of Science in Nursing Program*)

BACHELOR OF ARTS DEGREES

Bachelor of Arts in the Behavioral Sciences

Bachelor of Arts in the Humanities

POST - BACCALAUREATE

Premedical Program

ASSOCIATE OF SCIENCE DEGREES

Associate of Science Degree in Arts and Sciences

Associate of Science Degree in Clinical Laboratory Science

Associate of Science Degree in Emergency Health Science

Associate of Science Degree in Nursing

Associate of Science Degree in Physical Therapist Assisting

Associate of Science Degree in Radiologic Technology

Associate of Science Degree in Respiratory Therapy

Associate of Science Degree in Surgical Technology

LPN to RN Articulation Program

HEALTH CAREER INSTITUTE

Certified Nursing Assistant

Continuing Education

Licensed Practical Nursing

Phlebotomy

Contract Health Education

Career Training

College Mission Statement

Our Lady of the Lake College is an independent Catholic institution predicated upon the values and philosophy of the Franciscan Missionaries of Our Lady. Seeking to be faithful to the ideals of its heritage, the College is committed to meeting the health and educational needs of the people of God. The College offers selected undergraduate and pre-professional educational programs which provide the basis for excellence in health care practice, human service, and academic success. In addition, the college espouses the goals of life-long learning and seeks to provide educational programs which support academic, personal and professional growth.

INSTITUTIONAL GOALS

In order to fulfill its mission, the following goals are identified:

1. Promote the Franciscan values as articulated in the mission statement.
2. Offer selected undergraduate and pre-professional educational programs which provide the basis for excellence in health care practice, human service, and academic success.
3. Provide a foundation for life-long learning.
4. Provide educational programs which support academic, personal, and professional growth.

OUR LADY OF THE LAKE STORY

When the Franciscan Missionaries of Our Lady ventured to Louisiana from France, they did not know the extent and to what magnitude they would impact the people of Louisiana. Today, the Our Lady of the Lake Regional Medical Center employs nearly 4000 people and serves 300,000 patients each year. The foundation of the largest hospital system in the state is based on the works of the missionaries who came here in 1913.

The delivery of health care has changed dramatically since 1913 — when the first Sister arrived to attend to the needs of the afflicted. Understanding the need for educating employees in the innovations of health care, the Sisters founded a nursing training program in 1923. Our college is an outgrowth of the early and current efforts of the Sisters who make up the Franciscan Missionaries of Our Lady.

This college is founded on the work of the Franciscan Missionaries who empower this college to bring forth health care practitioners who can share in the Sisters' life commitment of providing the health care to this community. Seeking to be faithful to the ideals of its heritage, the College is committed in all of its policies and practices, to the pursuit of truth, to a respect for differing points of view, and to the ethical and human values inherent in the philosophy of the Franciscan Missionaries of Our Lady. Compassion, understanding, respect, and dignity are foundations we hope to share with you so that you may share them with others.

Your education here, though steeped in the specifics of your professed health care discipline, will also exemplify the spiritual obligations we have as human beings, both to one another and to God. We pray and hope that you take with you when you leave not only the health education required for employment, but the deep understanding of the spiritual foundation from which you are given the gift of healing. It is also true that we doubt you will be fully aware of just how much an affect you have had on your patients, both in ministering to the body and to the spirit, until much later in your life. The reward for treating others with respect and tenderness is often not apparent at first and is usually manifested in ways that surprise us. For as Jesus stated, "whatever you did for one of the least of these brothers of mine, you did for me." In healing others, we heal ourselves as well, or at the very least draw closer to God who has compelled us to undertake this edifying task.

A solid educational foundation in health care can serve as a powerful tool in working with those whom you come in contact. As life presents us with the many opportunities and challenges that it invariably does, this foundation is of the utmost importance, for it provides us with the learning and security that will aid us in moving forward ourselves, enabling us to offer the best possible care.

Our history at Our Lady of the Lake College has taught us what it means to meet new challenges. When Our Lady of the Lake College began its journey as a diploma school of nursing, few people would have predicted the phenomenal growth and expansion that has occurred in the past few years. Where enrollment was once less than 100, today, the college enrolls over 1,200 students. Nor would they have anticipated regional accreditation to have occurred so quickly. The adventure of creating a college is a risky undertaking. We have taken the opportunity to branch out in order to find who we are meant to be as an institution. The journey has been a fruitful one, but this is not the end of the line. We have many discoveries left to make—discoveries that will tell us more about ourselves as a community and more about our values and mission in the larger society. Wherever we go our foundations provide us support. You are going to take that journey with us, as a member of this community, and all along the way, we hope you will make discoveries of your own. We hope you will risk the adventure of a true education with all its challenges and rewards. Success is always possible when based around a solid foundation.

HISTORY OF OUR LADY OF THE LAKE COLLEGE

Our Lady of the Lake College has evolved from the foundation of excellence provided by the Our Lady of the Lake School of Nursing which was established in 1923 by the Franciscan Missionaries of Our Lady in conjunction with the establishment of Our Lady of the Lake Sanitarium in the Capitol Lake area of downtown Baton Rouge, Louisiana. The school was an integral part of the new hospital's program of service to the community.

Five students from the St. Francis Sanitarium in Monroe, Louisiana formed the nucleus of the first class of nine students. The students lived, attended class and cared for patients in the hospital overlooking Capitol Lake. Upon completion of three calendar years of education, the students were awarded a diploma in nursing.

Over the years the curriculum was revised to incorporate advances in medical science, nursing science, nursing practice and nursing education. In 1960, in response to the changing health needs of the community and the prevailing nursing shortage, the school of nursing was the first school in the South to revise its curriculum by shortening its program from three calendar years to 27 consecutive months. Recruitment to the diploma program was intensified, enrollment increased and the school continued to grow and maintain its reputation for excellence.

During the 1970's major changes began to occur in the student population. Along with a decline in residential students there was a gradual but persistent increase in the number of non-traditional students (23 years of age and older) seeking admission to the nursing program. By the close of the decade, the School of Nursing became a commuter school and no longer offered on-campus housing. This coincided with the relocation of Our Lady of the Lake Regional Medical Center to its present site on Essen Lane.

During the 1980's, in response to current trends in nursing education and licensure, the faculty began exploring options to position nursing education within the collegiate setting. In 1989 the process culminated with the decision of the Franciscan Sisters and the medical center administration to transition the diploma program into an Associate Degree in Nursing program within a degree granting institution of higher education.

In May 1990, Our Lady of the Lake College of Nursing and Allied Health was registered with the Louisiana Secretary of State and the Louisiana State Board of Regents. In July 1990, the Louisiana State Board of Nursing granted the college initial approval to offer the Associate Degree program in Nursing and to admit the first class in August 1990. Regional accreditation of the college was initially received in June 1994. In July of 1995, the college was officially renamed Our Lady of the Lake College.

In 1997, the College was approved as a Level II institution (Carnegie Classification) to offer baccalaureate degrees in addition to associate degrees. The College awards associate degrees and bachelor's degrees in a variety of educational programs in the health sciences and in liberal studies. The College is the parent institution of the Division of Nursing, the Division of Allied Health, and the Division of Arts and Sciences.

Seeking to be faithful to the ideals of its heritage, Our Lady of the Lake College continues to offer a solid foundation in learning, a tradition of success in helping others, and a legacy of service to God's people.

OUR LADY OF THE LAKE COLLEGE

COMMUNITY CREED

Our Lady of the Lake College, established by the Franciscan Missionaries of Our Lady, is an interactive community dedicated to personal, academic, and professional excellence. This is best accomplished within an environment of mutual respect and civility, self-restraint, concern for others, and academic integrity. By choosing to join this community, I accept the obligation to live by these common values and commit myself to the following principles.

As a member of the Our Lady of the Lake College community:

I will commit myself to the pursuit of knowledge and understanding with personal integrity and academic honesty;

I will respect the sanctity of the learning environment and avoid disruptive and deceitful behavior toward other members of the campus community;

I will contribute to the development of a caring community where compassion for others and freedom of thought and expression are valued;

I will support a culture of diversity by respecting the rights and dignity of those who differ from myself;

I will embrace the concept of a civil community which respects the rights and property of others and abhors violence, theft, and exploitation of others;

I will honor, challenge and contribute to the tradition of excellence left by those who preceded me and work to leave this a better place for those who follow.

By endorsing these common principles, I accept a moral obligation to behave in ways that contribute to a civil campus environment and resolve to support this behavior in others. This commitment to civility is my promise to the Our Lady of the Lake College and its community of scholars.

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B.A., Louisiana State University
M.A., Louisiana State University

Professional Staff

- Debbie Braden, B.S. Instructor/Lab Coordinator, Clinical Laboratory Science
B.S., Louisiana State University
- Sandra Claiborne, R.T., (R)(M) ARRT Laboratory Assistant, Radiologic Technology
- Denice Dorsey Admissions Specialist
- Denise Gillespie, B.S.N., R.N. Health and Safety
B.S.N., Louisiana State University
- Virginia Wade-Guillory, R.N., B.S.N. Coordinator,
B.S.N., Loyola University Nursing Skills Lab
- Melodie Leggett, B.S. Registrar
B.S., Southern University
- Deborah Mayo Technical Support Specialist
A.S., Baton Rouge Technical College
- Jean Ramage, A.S. Business Office Manager
A.S., Montgomery County Community College
- Phyllis L. Simpson, Ph.D. Adjunct Academic Counselor, Counseling Services
B.S., Louisiana State University Assistant Professor, Arts and Sciences
M.Ed., Southeastern Louisiana University
Ph.D., Louisiana State University
- John Tate, M.L.S. Director, Learning Resources Center
B.S., Louisiana State University
M.L.S., Louisiana State University
- Sharon Tate, B.A. Director, Financial Aid
B.A., Southeastern Louisiana University
- Mark Wetmore, B.A. Director of Admissions
A.A., Delgado Community College
B.A., Tulane University

Support And Clerical Staff

Sabrina Brooks.....	Secretary
Diploma, Computerized Business Applications	
Charlotte A. Coon	Accounting Clerk
Sherrie Dentre	Admissions Clerk
Kimberly Duncan	Academic Advising Coordinator
Alice Dupre, M.A.	Analyst, Financial Aid
B.S., Louisiana State University	
Charlotte Fontenot	Administrative Assistant
Lori Hymbaugh	Analyst, Office of Registrar
B.S., Louisiana College	
Susan Knapps.....	Secretary
Carolyn Langlois.....	Library Clerk
Kimberly Melancon.	Administrative Assistant
Dale McNabb.....	Library Clerk
Deborah McNeal.....	Secretary
Luella Piatt	Secretary
Mary Starrett	Receptionist
T. Gayle Stelly	Library Assistant
Elizabeth Wilson-Walker	Secretary
Nancy A. Winship	Secretary

College Facilities

Our Lady of the Lake College is located near the campus of Our Lady of the Lake Regional Medical Center and encompasses the Administration Building at 7434 Perkins Road, Allied Health and Science Buildings at 5345 Brittany Drive, the Nursing Building at 7500 Hennessy Boulevard and the Arts, Sciences Building at 5120 Dijon Drive and the Health Careers Institute at 5220 Essen Lane. The Administration Building (20,000 square feet) houses the office of Academic Affairs, Administrative Services, College Support Services, The Learning Resources Center, and Chimes Medical Bookstore. The Allied Health Building contains 13,725 square feet and houses the Emergency Health sciences, Radiologic Technology, Respiratory Therapy, and Surgical Technology programs, allied health classrooms and skills laboratory facilities, private faculty offices, student lockers, and conference rooms. Adjacent to the Allied Health Building is the Science Building. The Science Building contains 11,500 square feet and houses the Clinical Laboratory Technology and Physical Therapist Assisting programs. The building also houses the laboratories for Chemistry, Microbiology, Clinical Laboratory Technology and Physical Therapist Assisting, a large lecture hall, faculty offices, a student lounge and a conference room with video conferencing/distance learning capabilities. The Nursing Building is a 19,974 square foot structure which houses the College Academic Services, the Division of Nursing, classrooms, skills laboratories, student lounge, locker facilities, private faculty offices, and conference areas. The Arts and Sciences Building contains 7,000 square feet and houses the Division of Arts and Sciences program, classrooms, A&P laboratories, private faculty offices, and conference areas. The Health Career Institute Building is a 14,000 square foot structure which houses a Continuing Education conference room, a CPR Lab, a ten bed skills lab, six classrooms, private offices and two conference areas.

Coffee, soft drinks, snacks, refrigerator, microwave oven, color television, and telephones are available for student use in the student lounges, located in the Nursing, Science, and Administration Buildings.

The skills laboratories provide services which are designed to assist students in the acquisition of basic psychomotor skills presented throughout the curricula of the programs of study. The skills laboratory areas for the Division of Nursing and Health Career Institute each contain ten (10) hospital beds and basic care equipment and was designed to simulate a patient care area with spaces for charting as well as patient care activities. The Radiologic Technology skills laboratory consists of two energized rooms equipped with radiographic equipment, one darkroom, and one lightroom or viewing area. The Surgical Technology skills laboratory is equipped with an operating table and light, surgical instruments, instrument stands, a demonstration mirror, and scrub sinks. The Clinical Laboratory Technology laboratory is a state of the art science lab with 24 lab stations. Laboratory instruments include light and inverted-light microscopes, microscope video cam, centrifuges, spectrophotometers, and electrophoresis equipment. The Physical Therapist Assisting laboratory contains 12 treatment tables, tilt table, traction table, overhead pulley system, parallel bars and stairs, mirrors and therapeutic weights and various assistive devices for ambulation.

Facts About The Baton Rouge Area

Our Lady of the Lake College serves the needs of an eleven parish area. The area is dominated by one large urban community—the capitol city of the state and the home of two major universities. The area is highly industrialized and houses an internationally recognized petro-chemical complex. Within these eleven parishes are outlying smaller communities that have close economic and social relationships with the central parish.

The Baton Rouge area offers a variety of health care facilities including four general acute-care hospitals, an obstetric and gynecological hospital, several psychiatric hospitals, rehabilitation centers, and chemical dependency treatment centers, as well as numerous nursing homes and long-term care facilities.

There are numerous cultural opportunities in the area including the Baton Rouge Civic Symphony, the Little Theater, the Choral Society, and Playmakers. Other cultural opportunities are available at the Riverside Centroplex, a twenty-four million dollar facility located fifteen minutes from the college. The Centroplex hosts ice shows, sporting events, trade shows, as well as concerts and dramatic and operatic events. Various musical and dramatic arts programs are also offered at the universities in the area. The Louisiana Art Commission maintains an art exhibit in the Old State Capitol and the Louisiana Arts and Science Center houses numerous exhibits and conducts various classes in arts for the public. Recreation in the area includes numerous parks and playgrounds, golf courses and driving ranges, tennis courts, movie theaters, bowling alleys, roller rinks, and a zoo. Waterfront recreation is available on nearby rivers and lakes.

Academic Programs, Curricula, and Admission

Students entering Our Lady of the Lake College enroll first in courses offered by the Division of Arts and Sciences before seeking admission to a degree, or articulation program. A description of admissions and curriculum requirements for each program follows.

Applications are available from the Office of Admissions and Records and applications to most of the programs at the college may be submitted throughout the year. Applicants for admission are considered after the application and all required documents are received.

Admission criteria for the clinical programs are determined by a designated admissions committee. The admissions committee reviews the applicants' credentials and selects a student body capable of meeting the high standard of scholarship required. Admission may be limited due to available space and resources. All applicants will be notified by mail of their admission status. Students who complete courses offered by the College of Arts and Sciences are not guaranteed admission to a degree, or articulation program. The admissions process for each program is documented and available in the program's admission application packet.

The primary basis for admission to the College's clinical programs is completion of selected courses offered by the Division of Arts and Sciences and the associated grade point average. Special consideration is given to students who have taken courses at the College, have experience in direct patient care, or other health-related employment, are employees of Our Lady of the Lake Regional Medical Center, or possess attributes which add to the cultural or educational diversity of the entering class.

Non-discriminatory Policy

Our Lady of the Lake College assures equal opportunity for all qualified persons without regard to race, color, religion, sex, national origin, age, disability, marital status or veterans status in the admission to, participation in, or employment of its programs and activities.

Our Lady of the Lake College will make reasonable special services and accommodations for students with learning or physical disabilities. Students desiring to self-identify may complete a *Special Needs Assessment* form available from any office at the College.

International Students

Our Lady of the Lake College has not petitioned the United States Department of Justice, Immigration and Naturalization Service for approval of school for attendance by non-immigrant students, and cannot issue immigration form I-20.

LOL COLLEGE — ADMISSION

ADMISSION

Applicants are considered one of the following upon applying for admission and must meet the respective admission requirements:

FRESHMAN

An applicant who has never attended any regionally accredited college or university (*current high school juniors see Early Admission or Concurrent Enrollment Program*)

TRANSFER

An applicant who has attended a regionally accredited college or university

RE-ENTRY

An applicant who has previously attended Our Lady of the Lake College, but whose enrollment was interrupted for a minimum of one fall or spring semester

Requirements for Regular Admission

FOR A FRESHMAN APPLICANT:

1. Graduation from high school with a minimum cumulative grade point average of 2.0 (on a 4.0 scale) or completion of a high school equivalency diploma (G.E.D) with an average score of 50 or higher.
2. Achievement of a minimum ACT composite score of 20.

FOR A TRANSFER APPLICANT:

1. Achievement of a cumulative grade point average of 2.0 (on a 4.0 scale) on a minimum of nine transferable college credits.
2. Achievement of a minimum ACT composite score of 20, for students not achieving a minimum cumulative grade point average of 2.0 (on a 4.0 scale) on a minimum of nine transferable college credits.
3. Transfer students who are on academic probation (or notice of unsatisfactory academic progress but who have not been dismissed) at another college will be placed on academic probation at Our Lady of the Lake College. Students who are in good standing at their previous institutions but who do not meet Our Lady of the Lake College's standards of academic progress will be placed on academic probation. Students admitted on academic probation must perform under the academic policies of Our Lady of the Lake College

4. Transfer students who are on academic suspension at another college will be denied admission to OLOL College until they qualify for readmission to the school form which they were suspended.

FOR A RE-ENTRY APPLICANT:

1. Applicants who were last enrolled in good standing will be re-admitted in good standing, unless they are currently not in good standing at another college.
2. Applicants who were last enrolled and placed on probation will be re-admitted on probation.
3. Applicants who were last enrolled and placed on suspension may petition for admission to the Vice President for Academic Affairs.

Admission Status

Following evaluation of the applicant's credentials, the applicant may be admitted in one of the following categories:

1. FULL ACCEPTANCE

The applicant is accepted to the college.

2. PROVISIONAL ACCEPTANCE FOR FAILURE TO MEET THE ADMISSION REQUIREMENTS (*for freshmen and transfer applicants only*)

An applicant who otherwise qualifies for admission except for the ACT score may be provisionally admitted if the student has achieved an ACT score of 17. For the first semester of enrollment, the applicant may register for no more than nine hours in the regular semester, or four hours in the summer semester.

An applicant who otherwise qualifies for admission but has an ACT score below 17 will be evaluated on a case by case basis by the Vice President for Academic Affairs. If provisionally admitted, such applicants will be allowed to register for no more seven credits during the regular semester, or four hours in the summer semester.

If a provisionally admitted student fails to achieve a grade point average of 2.0 he or she is placed on probationary status and must follow the procedures for that status. If a provisionally admitted student achieves a minimum grade point average of 2.0, he or she will be given full admission status for the subsequent semester.

3. PROVISIONAL ACCEPTANCE FOR UNOFFICIAL DOCUMENTS

Provisional admission for unofficial documents is approved only under special circumstances by the Director of Admissions. The applicant who meets the criteria for admission based on unofficial transcripts or who is currently enrolled at another institution at the time that admission is determined may be admitted provisionally on the basis of unofficial or incomplete transcripts. Official and complete transcripts must be received within thirty days of the first day of class of the semester in which the applicant enrolls in order to continue enrollment and to be removed from provisional acceptance. The applicant who does not submit complete official college transcripts will be dropped automatically from the college and not allowed to re-enroll until these transcripts have been received.

Academic records for applicants accepted on this basis will be reviewed thirty days after the first day of class of the semester in which the student enrolls. Students will be notified in writing when official transcripts have been received.

4. PROVISIONAL ACCEPTANCE FOR STUDENTS WITHOUT AN ACT SCORE:

Students who otherwise qualify for admission but who do not have an ACT score may be provisionally admitted. If admitted for the first semester for enrollment, the applicant may register for no more than seven hours in the regular semester or four hours in the summer semester. Students will be required to take the ACT and submit scores before registering for the second term.

PLACEMENT INTO MATHEMATICS AND ENGLISH

For students without transferable credit in mathematics and English composition, the ACT score will be used for initial placement into mathematics and English courses. Students who have not successfully completed a semester of college-level English Composition will be required to submit a writing sample, to be used for placement into ENGL 010 or ENGL 101.

Academic Renewal

It is recognized that some students because of personal situations, immaturity or other reasons establish an academic record which results in dismissal. Furthermore, their academic record would present an obstacle to ever achieving a degree. An opportunity for a fresh start at Our Lady of the Lake College for eligible students is available through Academic Renewal.

No courses passed prior to academic Renewal may be used for degree completion at OLOL College. Students may be granted academic renewal once at OLOL College. All work taken will remain on the student's transcript. Academic Renewal applies only to OLOL College and may not be recognized at other colleges or universities.

Requirements for Academic Renewal:

1. The student's record for which Academic Renewal is requested must be at least five calendar years old at the time of the request.
2. The student presents a written request for Academic Renewal to the Vice President for Academic Affairs, indicating the time period for which academic renewal is requested. The time period must be for all college credits attempted prior to a point at least five years in the past at the time of the request..
3. The Vice President of Academic Affairs verifies eligibility for academic Renewal.
4. If the request and eligibility are valid, the Vice President for Academic Affairs notifies the student and the registrar that all credits and grades for the period requested be removed from the OLOL academic record.
5. Academic Renewal may be granted only once.

Academic Advising

Once accepted to the college, students will be assigned a faculty advisor. A meeting with the faculty advisor is required before pre-registration/registration.

Early Admission

Early Admissions Program allows high school students to **skip their senior year and receive their high school diploma by completing 24 semester hours at OLOL College**. Students must submit the following requirements.

- **An Application for Admission.** This form can be obtained from the OLOL College Office of Admissions (Phone: (225)768-1712). Return to: Our Lady of the Lake College, Admissions Office, 7434 Perkins Road, Baton Rouge, LA 70808 or may be downloaded from the College web site at www.ololcollege.edu. A \$25.00 non-refundable processing fee is required.
- **Proof of Immunization.** All new students born on or after January 1, 1957, are

required to submit proof of immunization prior to registration. The appropriate form is available in the Admissions Office (225)768-1712) or may be downloaded from the College web site at www.ololcollege.edu. Return to: Our Lady of the Lake College, Admissions Office, 7434 Perkins Road, Baton Rouge, LA 70808.

- **Official 6-Semester High School Transcript.** Applicant is required to have at least a **3.00 GPA** (on 4.0 scale).
- **Official ACT.** Scores with a minimum **ACT Composite of 25**. SAT scores will be accepted and converted to an ACT equivalent.
- **Recommendation for “Early Admission” of High-Ability Student form** must be completed with the original signatures of the high school principal and the student. After 24 semester hours are earned, OLOL College submits **RECOMMENDATION FOR ISSUANCE OF A HIGH SCHOOL DIPLOMA** to the high school principal. The high school diploma will then be awarded to the student. The student’s responsible for providing an official high school transcript or bringing the original diploma to the Admissions Office as verification of graduation. The registration status of the student will be changed.

Concurrent Enrollment Program

Our Lady of the Lake College has established a Concurrent Enrollment Program. The purpose of this program is to provide a means by which students still enrolled in high school may enroll concurrently at Our Lady of the Lake College to pursue college course work. This program will be offered to exceptional students who have completed high school courses through their junior year. Students may begin their college education as early as the summer semester between their junior and senior year in high school.

To be eligible to enroll in the program, students must apply for admission and meet the following admission requirements:

1. Completion of the junior year of high school prior to the semester in which the student desires enrollment.
2. A minimum cumulative grade point average of 3.0 in all high school courses.
3. A minimum ACT composite score of 20.
4. Completion, with a minimum grade of C, of the following high school courses:
 - English I, II, III
 - Algebra I, Algebra II, and one additional math course, such as Geometry, Trigonometry, Advanced Mathematics, or Calculus

- Biology
- Chemistry

5. Recommendation for enrollment by the high school principal or counselor.
6. Placement, by ACT scores, in college-level English and mathematics.

Upon admission, the student must enroll in Academic Seminar their first semester and may enroll for a maximum of four credit hours for the first semester (ACSM 100 and one three hour course) and three hours for subsequent semesters. Students may choose to enroll in the following courses*:

English I & II, College Algebra, General Statistics, Introductory Psychology, Introductory Sociology, Introduction to Computers, American/World History, Art/Music Appreciation, Medical Terminology, Introductory Speech, Fundamentals of Chemistry I & II (and Labs), Introductory Physics, and Introduction to Literature.

To continue enrollment, students must make a grade of C or better in each course attempted and must be re-approved by the high school and college each semester. Upon graduation from high school, the student may apply for admission to the college as a freshman applicant.

**Students will be advised as to the applicability of courses for degree credit and the transferability of courses to other colleges/universities.*

General Requirements for Graduation

THE ASSOCIATE'S DEGREE:

All candidates for the associate degree must fulfill the minimum college-wide general education requirements.

ACSM 100	1	credit
MATH 112	3	credits
ENGL 101	3	credits
Natural Science	6	credits
Social Science	3	credits
Philosophy	<u>3</u>	credits
Total	19	credits

All candidates for the associate degree must fulfill the program requirements for the degree sought. Program requirements shall include a sequence of courses within a specific discipline or related disciplines which total a minimum of 24 credits. Program requirements are listed within each program.

Associate degrees shall require a minimum of 60 academic credits and a maximum of 75 academic credits. At least 9 credits toward the associate's degree must be earned in Arts and Sciences courses numbered 200 or above; these credits may also be used to satisfy the general education requirements.

At least 24 credits applicable to the associate's degree must be earned at OLOL College.

THE BACHELOR OF SCIENCE DEGREE:

All candidates for the bachelor's degree must fulfill the following college-wide general education requirements. Additional program requirements are listed by program.

ACSM 101	1	credit
MATH 112	3	credits

ENGL	3	credits
CSCI	3	credits
Natural Science	3	credits
Social Science	6	credits
Philosophy	3	credits
Any Humanities or Fine Arts	<u>12</u>	credits
Total	37	credits

THE BACHELOR OF ARTS DEGREE

ACSM 101	1	credit
MATH 112	3	credits
ENGL 101	3	credits
ENGL 102	3	credits
CSCI 100	3	credits
Natural Science	3	credits
Social Science	6	credits
Philosophy	3	credits
Any Humanities or Fine Arts	<u>12</u>	credits
Total	37	credits

All candidates for either the bachelor of science or the bachelor of arts degree must fulfill the program requirements for the degree sought. Program requirements shall include a sequence of courses within a specific discipline or related disciplines which total a minimum of 36 credits. Program requirements are listed within each program.

Bachelor's degrees shall require a minimum of 120 academic credits and a maximum of 135 academic credits. At least 36 credits applicable to the bachelor's degree must be earned at OLOL college.

In addition, all candidate's for degrees shall complete the following requirements:

1. Achieve a cumulative grade point average of 2.0 on all college work.
2. Clearance of all indebtedness to the college.
3. Return of all materials borrowed.

The Division of Arts and Sciences

The Division

The Division of Arts & Sciences at Our Lady of the Lake College is comprised of a Dean and eight other full-time faculty members. In addition, during any academic semester, 30 or more adjunct faculty are also employed by the Division of Arts & Sciences as part-time teaching faculty. Adjunct faculty generally hold full-time teaching or clinical appointments at OLOLRMC and at other local colleges/universities, hospitals, etc.,. Of the total Arts & Sciences faculty, full-time plus part-time, over 70 percent hold Ph.D., Ed.D. or A.B.D. degrees from regionally accredited colleges or universities. This number is well above the National average, i.e., 35 percent, for colleges the size of OLOL College.

The Full-time Faculty

Dr. W. Davis, Professor (Life Sciences) and Dean, Dr. M.Cahill (Psychology), Professor (Psychology), Dr. T. Casanova, Assistant Professor (Life Sciences); Ms. B. Napoli, Instructor (Mathematics), Dr. M. Philpott, Associate Professor (Life Sciences), Dr. P. Simpson, Assistant Professor (Academic Seminar), Dr. J. Stein, Associate Professor (English)Dr. Francis Vanderwall, Associate Professor(Philosophy and Theology), and Mr. A. Woodward, Assistant Professor (English). All full-time faculty possess earned M.A., M.S., Ed.D., D.A. or Ph.D. degrees from regionally accredited institutions. The latter include Louisiana State University, LSU-School of Medicine (Shreveport), LSU-School of Medicine (New Orleans), Tulane School of Medicine, The University of Wisconsin, Baylor University Medical Center, The University of Michigan and Columbia University.

The Part-Time Faculty(Adjunct Instructors)

Dr. Headley Adelman (Anatomy and Physiology), Mrs. Virginia Adelman (Mathematics), Ms. Gwen Autin (Mathematics), Ms. Camille Bercier (Art), Mr. Ken Bernstein (Physics and Computer Science), Dr. David Boudreau (Medicine), Dr. Todd Casanova (Microbiology; Immunology), Sr. Rita Coco (Sociology), Ms. Mary Courtney (Chemistry and Physical Science), Dr. Don Cowick (Human Medicine), Dr. Paul Dammers (Psychology), Dr. Larry Frederick (Microbiology, Botany), Ms. Deborah Fox (Biology and Chemistry), Ms. Janet Grouchy (Philosophy) Dr. Claudia Hall (Sociology), Mr. Jack Harred (Philosophy and Sociology), Dr. James Houk (Anthropology and Religion), Dr. Lyman Hunt (Speech), Mr. Rob Konikoff (Computer Science), Ms. Kelly LaFleur (Nutrition); Mr. Sheldon Lotten (Language), Mr. Robert McKinnon (English); Mr. Malcolm McNaylor (Computer Science), Mr. Mitchell McNaylor (History and Computer Science), Ms. Emily Parker-Matthews (Statistics), Dr. Pat Pendarvis (Biology), Ms. Sara Rayner (Anatomy and Physiol-

ogy), Mr. Ricky Rees (English), Ms. Carla Riden (Sociology and Philosophy), Ms. Elizabeth Roberts (English), Mr. Manny Sabatier (Anatomy and Physiology), Ms. Baldwin Sanders (Nutrition), Dr., Michael Silveira (Chemistry); Mr. John Szeto (Mathematics), Ms. Kimberly Vigeo (Anatomy and Physiology, Nutrition), Ms. Jalan Woodward (English); Dr. Jane Westerfield (Music); Ms. Deborah Weigel (Psychology).

Purpose

The Division of Arts & Sciences at Our Lady of the Lake College provides foundation and prerequisite courses for both pre-clinical and non-pre-clinical students as well as for several baccalaureate programs. Both the College and the Division seek to maintain an academic environment and atmosphere which is positive, stimulating and conducive to learning at all levels. The faculty is sensitive to student needs and requirements as well as to the needs of the Baton Rouge community. All Arts & Sciences faculty are dedicated and readily available for service, academic advising, student guidance, counseling and tutoring. Students are thus encouraged to communicate and fraternize with all the instructors. The content of all Arts & Sciences courses is organized and presented in a manner which provides a foundation of contemporary knowledge necessary for continued academic growth and progression through the college level experience necessary for subsequent academic or professional challenges. Arts and Sciences credits earned at the college are readily transferable to other regionally accredited colleges and universities.

Goals and Objectives for all Arts and Sciences Courses are Developed and Dedicated to:

1. Enhance and further develop basic skills in reading, writing, oral communication, computer literacy, mathematics, and the life sciences;
2. Promote and support the development of study skills and work habits necessary for a successful and gratifying college experience;
3. Acquire and further develop cerebral skills necessary for cognitive reasoning and subsequent problem solving through critical thinking and assessment;
4. Promote, encourage and motivate the development and desire of students to pursue a life-long quest for knowledge;
5. Cultivate in students the ability and the desire to read critically and analyze contemporary readings in their fields of specialization;
6. To create a foundation of knowledge which can facilitate the future pursuit of additional academic endeavors and professional development;
7. Promote awareness, insight, opinions, respect, and a philosophy regarding contemporary moral and ethical issues;
8. Develop an awareness of value systems in the maturation of personal ethical standards and behavior relevant to character growth and development;
9. Develop an awareness and an understanding of different societal and cultural ideologies inherent within any given profession and community;
10. To successfully integrate new and contemporary information, experiments and results, ideas, thoughts, theories, etc., into the instructional curriculum so as to insure updated presentations.
11. Offer transferable courses relevant to contemporary student needs, issues, ideas, philosophies, and academics required to successfully blend into the educational requirements and programs of other institutions of higher learning.
12. To generate, through extramural funding, state-of-the-art equipment, computers, etc., which allow students to pursue their studies in a contemporary learning environment.

Arts and Sciences Courses

Arts and Sciences studies courses are offered in the fall, spring and summer sessions. An intercession or “Maymester” semester has been added to the interval between the end of the spring and the beginning of the summer semester. Accelerated (three week) courses are taught during this time. Course offerings may vary from semester to semester. Through special arrangements with Arts and Sciences faculty and the division dean, selected Arts and Sciences courses may be taken using an independent studies format. Course schedules are published and available to students prior to each pre-registration period. Most courses have one or more prerequisite and/or co-requisite course requirements. These are listed in several college publications, including the catalog.

DEGREE PROGRAM IN ARTS AND SCIENCES

ASSOCIATE OF SCIENCE DEGREE

Purpose

The Associate of Science Degree provides the basis for articulation with senior level academic institutions and is designed to allow students to select courses toward careers in the sciences, health related professions, social sciences, or humanities. The Associate of Science Degree represents a further demonstration of the College's commitment to life-long learning through programs designed to further enhance academic, personal and professional growth and the continuation of higher education and scholarly pursuits.

Objectives

Upon completion of the Associate of Science Degree, the student will be prepared:

1. To encourage upper level education and training;
2. To prepare students for upper level studies leading to the successful completion of a bachelor's program;
3. To prepare students for advanced education and training necessary for education beyond the level of a bachelor's degree;
4. To expand students' educational opportunities and backgrounds;
5. To introduce students to advanced topics in the sciences and humanities;
6. To encourage the further development of critical thinking and problem solving processes necessary for success in the interpretation of advanced studies;
7. To introduce students to the interpretation of data, and journal readings;
8. To further enhance and expand communication and writing throughout the upper level curriculum;
9. To introduce students to laboratory situations;
10. To introduce and familiarize students with contemporary research.

Course Requirements

Course requirements for the Associate of Science Degree Programs:

COURSE(S)	CREDIT HOURS
Mathematics/Statistics/Computer Science	9
English Composition and Speech or English Literature	9
Social Sciences	12-15
Physical/Chemical/Biological Sciences	18-21
Academic Seminar	1
Electives	9
Total Hours for Associate of Science Degree	63

NOTE: All potential graduates of this program must have a degree plan approved and signed by the Dean, Arts and Sciences. Students in the Arts and Sciences Degree Program MUST MEET with the Dean, Arts and Sciences each semester during their enrollment. Up to 15 hours of credit from clinical courses may be used as physical/chemical/biological sciences and elective courses.

Requirements for Graduation

1. Completion of the required 63 credit hours (see chart above). A degree plan should be formulated with and approved by the Dean of Arts and Sciences.
2. An overall grade point average of 2.00 (out of 4.00), including all transfer courses.

NOTE: See OLOLC General Requirements for Graduation .

BACHELOR OF ARTS IN BEHAVIORAL SCIENCES

Purpose

The Our lady of the Lake College Bachelor of Arts in Behavioral Sciences Program promotes habits of critical inquiry and provides a broad knowledge base from which graduates enter directly into a variety of careers/professions or gain acceptance into graduate programs/professional schools. Design of the 127 credit hour curriculum is based upon the belief that well developed literacy and critical thinking skills, combined with a broad based understanding of individual and collective human experiences, prepare students to value lifelong intellectual inquiry and to perform successfully in highly responsible positions within the community and work place. To fulfill the residency requirement, at least 36 credit hours must be completed on the campus of OLOLC.

Objectives

Upon graduation from the Bachelor of Arts in Behavioral Sciences Program, students will:

1. Demonstrate readiness for entrance into graduate programs or professional schools requiring undergraduate degrees in humanities.
2. Demonstrate readiness for employment in positions requiring a Bachelor of Arts in Behavioral Sciences.
3. Apply theory, knowledge, and techniques of intellectual inquiry developed in the program to search for informed, well reasoned, and responsible solutions to important human problems and contemporary/historical issues.
4. Value creative human endeavors such as literature and the visual and performing arts and understand their contribution to the individual and collective experience.
5. Incorporate Franciscan values of compassion, understanding, respect, and dignity into their academic and professional careers and their social behaviors.

Admission Requirements

1. Students must apply for admission to the Bachelor of Arts in Behavioral Sciences prior to completing the final 60 credit hours required for the degree. However, early application, especially during the freshman year, is strongly recommended.

2. Applicants to the program must meet with a program advisor to develop a degree plan. All degree plans must be approved by the Dean of Arts and Sciences.
3. Requirements for acceptance into the program are the same as for acceptance to Our Lady of the Lake College.
4. Following admission to any Arts and Science bachelor's program, students MUST MEET with the program advisor every semester prior to preregistering for the next semester.

Curriculum Requirements

Students seeking the Bachelor of Arts in Behavioral Sciences must complete the 49 credit hours of core curriculum course work before enrolling in 300 (junior) level courses. Six (6) credit hours of electives must be selected from course offerings in speech, sociology, art, music, religion, ethics, philosophy, anthropology and literature. Students with sophomore level status must demonstrate reading and writing skills required for upper level course by completing ENGL 211 (Academic Dis-course) with a grade of "C" or better.

Recommended Core Curriculum Sequence for the Bachelor of Arts in Behavioral Sciences

Students must complete a minimum of 18 of the required 36 credit hours of major course work above the 300 level. Behavioral Sciences electives are courses from the social, organizational, political sciences and psychology disciplines. A concentration of 18 - 27 credit hours must be in one discipline. Adjunct electives are those courses closely allied to the area of concentration. A minimum of 12 credit hours of adjunct course work must be above the 300 level. Students must consult with advisors when selecting these courses.

FRESHMAN YEAR

Semester I		Credits
ACSM 100	Academic Seminar	1
ACSM 101	Introduction to Baccalaureate Education	3
ENGL 101	English I	3
MATH 112	College Algebra	3
HIST 101	World History I	3
LANG 101	Select Spanish, French, or Latin as a foreign language sequence	3
Semester II		
ENGL 102	English II	3
HIST 102	World History II	3
LANG 102	Select Spanish, French, or Latin as a foreign language sequence	3
PSYC 100	Introduction to Psychology	3
CSCI 100	Introduction to Computers	<u>3</u>
Freshman Year Credit Hours		31

SOPHOMORE YEAR

Semester I		Credits
ENGL 200	Introduction to Literature	3
LANG 201	Select Spanish, French, or Latin as a foreign language sequence	3
BIOL Electives	200 Level	3 6
Semester II		
ENGL 211	Academic Discourse	3
LANG 202	Select Spanish, French, or Latin as a foreign language sequence	3
PHIL 200	Philosophy and Critical Thinking	3
Electives		<u>6</u>
Sophomore Year Credit Hours		30

JUNIOR YEAR	
Semester I	Credits
Major Electives	6
Math Elective	3
Adjunct Electives	6
Semester II	
Major Electives	9
Math Elective	3
Adjunct Electives	<u>6</u>
Junior Credit Hours	33
SENIOR YEAR	
Semester I	Credits
Major Electives	9
Adjunct Electives	6
Open Elective	3
Semester II	
Major Electives	9
Adjunct Electives	<u>6</u>
Senior Year Credit Hours	33

Total hours for Bachelor of Arts in Behavioral Sciences 127

Students in this degree program MUST MEET with the program advisor prior to each semester.

ACSM may be waived (See OLOLC Policy)

BACHELOR OF ARTS IN HUMANITIES

Purpose

Our Lady of the Lake College Bachelor of Arts in Humanities Program promotes habits of critical inquiry and provides a broad knowledge base from which graduates enter directly into a variety of careers/professions or gain acceptance into graduate programs/professional schools. Design of the 127 credit hour curriculum is based upon the belief that well developed literacy and critical thinking skills, combined with broad based understanding of individual and collective human experience, prepare students to value lifelong intellectual inquiry and to perform successfully in highly responsible positions within the community and work place.

Objectives

Upon graduation from the Bachelor of Arts in Humanities Program, the student will:

1. Demonstrate readiness for entrance into graduate programs or professional schools requiring undergraduate degrees in humanities;
2. Demonstrate readiness for employment in positions requiring a Bachelor of Arts in Humanities;
3. Apply theory, knowledge, and techniques of intellectual inquiry developed in the program to search for informed, well reasoned, and responsible solutions to important human problems and contemporary/historical issues;
4. Value creative human endeavors such as literature and the visual and performing arts and understand their contribution to the individual and collective experience;
5. Incorporate the Franciscan values of compassion, understanding, respect, and dignity into their academic and professional careers and their social behaviors.

Admission Requirements

1. Students must apply for admission to the Bachelor of Arts in Humanities prior to completing the final 60 credit hours required for the degree. However, early application, especially within the freshman year is strongly recommended.
2. Applicants to the program must meet with an program advisor to develop a degree plan. All Degree plans must be approved by the Dean of Arts and Sciences.

3. Requirements for acceptance into the program are the same as for acceptance to Our Lady of the Lake College.
4. Following admission to any Arts and Science bachelors program, students MUST MEET with a program advisor every semester prior to preregistering for the next semester.

Curriculum Requirements

Students seeking the Bachelor of Arts in Humanities must complete the 49 credit hours of core curriculum course work before enrolling in 300 level courses. Six credit hours of electives must be selected from course offerings in speech, sociology, arts, music, religion, ethics, philosophy, literature and anthropology. Students must pass ENGL 211 (Academic Discourse) with a grade of C or better. The residency requirement for the baccalaureate degree program is 36 credit hours.

Recommended Core Curriculum Sequence

FRESHMAN YEAR		
Semester I		CREDITS
ACSM 100	Academic Seminar	1
ACSM 101	Introduction to Baccalaureate Education	3
ENGL 101	English I	3
MATH 112	College Algebra	3
HIST 101	World History I	3
SPAN 101	Elementary Spanish I	3
Semester II		
ENGL 102	English II	3
HIST 102	World History II	3
SPAN 102	Elementary Spanish II	3
PSYC 100	Introductory Psychology	3
CSCI 100	Introduction to Computers	3
Total Credit Hours		30

ACSM may be waived (See OLOLC Policy)

SOPHOMORE YEAR

Semester I		CREDITS
ENGL 200	Introduction to Literature	3
SPAN 201	Intermediate Spanish I	3
BIOL	200 Level	3
Electives		6
Semester II		
ENGL 211	Academic Discourse	3
SPAN 202	Intermediate Spanish II	3
PHIL 200	Philosophy & Critical Thinking	3
Electives		6
Total Credit Hours for Semester I		15 credit hours
Total Credit Hours for Semester II		<u>+15 credit hours</u>
Total Hours		30 credit hours

Students must complete a minimum of 18 of the required 36 credit hours of major course work above the 300 level. (Humanities electives are courses from English, languages, philosophy, religion, ethics, anthropology, arts, and music disciplines.) A concentration of 18 to 27 credit hours must be in one discipline. Adjunct electives are those courses closely allied to the area of concentration. A minimum of 12 credit hours of adjunct course work must be above the 300 level. Students must consult with advisors when selecting these courses.

Recommended Upper Level Curriculum Sequence

JUNIOR YEAR

Semester I		CREDITS
Major Electives		6
Math Elective		3
Adjunct Electives		6
Semester II		
Major Electives		9
Adjunct Elective		3
Open Electives		6
Total Credit Hours for Semester I		15 credit hours
Total Credit Hours for Semester II		<u>+18 credit hours</u>
Total Hours		33 credit hours

SENIOR YEAR

Semester I	CREDITS
Major Electives	9
Adjunct Electives	6
Open Elective	3
Semester II	
Major Electives	9
Adjunct Electives	6

Total Credit Hours for Semester I	18 credit hours
Total Credit Hours for Semester II	<u>+15 credit hours</u>
Total Hours	33 credit hours

Total Credit Hours for Bachelor of Arts in Humanities 127 credit hours

Students in this degree program MUST MEET with a faculty advisor prior to each semester.

BACHELOR OF SCIENCE IN BIOLOGY

Purpose

1. A primary purpose of the Bachelor of Science in Biology Program is to prepare students for careers in biology instruction at the public school, private school and community college levels.
2. A second major purpose of this program is to prepare students for graduate degree (M.S., Ph.D.) and research programs in multiple biological disciplines.
3. A biology curriculum will also prepare students for careers in medicine, dentistry, veterinary medicine, science education and industry, utilizing the more traditional approach.
4. To provide important courses related to careers in such allied health fields as nursing, emergency health Science, dental hygiene, physician's assistant and medical laboratory technology and physical therapy.

Objectives

1. The biology program is a traditional general biology program designed to train and educate expose students in the diverse and multiple aspects of organismal biology, population biology and biodiversity.
2. To introduce students to a broad spectrum of life sciences courses.
3. To prepare students for careers in teaching and research.
4. To introduce students to biological research.
5. To develop analytical and interpretative skills.
6. To develop critical reading, thinking, and writing skills.
7. Incorporate the Franciscan values of compassion, understanding, respect, and dignity into their academic and professional careers and their social behaviors.

Admission Requirements

1. Students must apply for admission to the Bachelor of Science in Biology Program prior to completing the final 60 credit hours required for the degree. However, early application, especially within the freshman year, is strongly encouraged.
2. Applicants to the degree program must meet with a faculty advisor to develop a degree plan. All degree plans must be approved by the Dean of Arts and Sciences.
3. Requirements for acceptance into this program are the same as for acceptance to Our Lady of the Lake College.
4. Following admission to any Arts and Sciences bachelor's program, students MUST MEET with the program advisor every semester prior to preregistration for the next semester.

Recommended Curriculum Sequence

FRESHMAN YEAR		
Semesters I and II		Credits
ACSM 100	Academic Seminar	1
ACSM 101	Introduction to Baccalaureate Education	3
BIOL 101	General Biology I	3
BIOL 102	General Biology II	3
BIOL 103	Lab for BIOL 101	1
BIOL 104	Lab for BIOL 102	1
CHEM 101	General Inorganic Chemistry I	3
CHEM 102	General Inorganic Chemistry II	3
CHEM 103	Lab for CHEM 101	1
CHEM 104	Lab for CHEM 102	1
ENGL 101	English-I	3
ENGL 102	English-II	3
MATH 112	College Algebra	3
CSCI 100	Introduction to Computers	3
PSYC 100	Introduction to Psychology	3

TOTAL CREDIT HOURS

35 credit hours

ACSM 100 May Be Waived (see OLOLC Policy)

SOPHOMORE YEAR

Semesters I and II		Credits
CHEM 201	Organic Chemistry I	3
CHEM 202	Organic Chemistry II	3
CHEM 203	Lab for CHEM 201	1
CHEM 204	Lab for CHEM 202	1
MATH 250	Calculus	3
BIOL 312	Genetics	3
BIOL 300	General Botany	3
BIOL Electives	200 Level or Above	6
General Electives	HIST, PSYC, SOCI, PHIL, ENGL, LANG, MUSI, ART, etc.	6

TOTAL CREDIT HOURS

29 credit hours

JUNIOR YEAR

Semesters I and II		Credits
PHYS 121	General Physics I	3
PHYS 122	General Physics II	3
PHYS 123	Lab for PHYS 121	1
PHYS 124	Lab for PHYS 122	1
CHEM 335	Biochemistry	3
BIOL 301	History of Biology and Medicine	1
BIOL 375*	Embryology/Developmental Biology (*course in development)	3
BIOL Electives	300 Level or Above	9
General Electives	HIST, PSYC, PHIL, SOCI, ENGL, LANG, MUSI, ART, etc.	<u>6</u>

TOTAL CREDIT HOURS

30 credit hours

SENIOR YEAR		
Semesters I and II		Credits
BIOL 490	Seminar (Biology)	1
BIOL 490	Seminar (Research)	1
CSCI	Upper Level Computer Science Course	3
MATH 252	Statistics	3
BIOL 350	Ecology	3
BIOL 460	Evolution	3
BIOL Electives	300 or 400 Level	9
General Electives	HIST, PSYC, PHIL, SOCI, ENGL, LANG, MUSI, ART, etc.	6
TOTAL CREDIT HOURS		29

Students in this degree program MUST MEET with the program advisor prior to each semester.

Total Credit Hours for the Bachelors of Science degree in Biology 123

BACHELOR OF SCIENCE IN HUMAN MEDICINE

Purpose

1. To rigorously train undergraduate degree candidates in the areas of human biology, human medicine and human disease (pathophysiology). Nationally, human oriented biology-medicine programs are limited in number.
2. To successfully train students for subsequent education and training in human medicine, including osteopathy (M.D., D.O.), dentistry (D.D.S., D.M.D.) and veterinary medicine (D.V.M.).
3. To successfully prepare students for admission in the Physician's Assistant (PA) programs.
4. To successfully train students for studies in graduate education and training (M.S., Ph.D.). Students will be prepared for advanced studies in anatomy, physiology, cell biology, histology, microbiology, biochemistry, etc. Ultimately, such students generally pursue academic and scholarly endeavors in college/university instruction and research.
5. To prepare students for careers in public and private school instruction, community college instruction, etc., as well qualified "biology teachers." Teachers qualified to teach human biology, at these levels, remain in demand across the country.
6. In the human medicine B.S. degree program, emphasis is placed on human biology, especially human anatomy and physiology.

Objectives

1. To develop and train the observational skills and talents of students.
2. To train students in analytical biology.
3. To train students in clinical biology.
4. To introduce students to human disease, causes, etc. (pathophysiology).
5. To introduce students to a broad spectrum of laboratory research techniques associated with observation and analysis.
6. To introduce students to the scientific method.

7. To develop critical and analytical reading skills by using major biomedical research journals.
 8. To develop the ability of students to collect information, prepare and write quality research articles and papers, i.e., scientific writing. Admission Requirements
1. Students must apply for admission to the Bachelor of Science in Human Medicine Program prior to completing the final 60 credit hours required for the degree. However, early application, especially during the freshman year is encouraged.
 2. Applicants to the program must meet with a faculty advisor to develop a degree plan. All degree plans must be approved by the Dean of Arts and Sciences.
 3. Requirements for acceptance into the program are the same as for acceptance to Our Lady of the Lake College.
 4. Prior to admission to any Arts and Sciences bachelor's program, students MUST MEET with the program advisor every semester prior to pre-registering for the next semester.

Recommended Curriculum Sequence

FRESHMAN YEAR		
Semesters I and II		Credits
ACSM 100	Academic Seminar	1
ACSM 101	Introduction to Baccalaureate Education	3
BIOL 101	General Biology I	3
BIOL 103	Laboratory for General Biology I	1
BIOL 102	General Biology II	3
BIOL 104	Laboratory for General Biology II	1
CHEM 101	General Chemistry I	3
CHEM 103	Laboratory for General Chemistry I	1
CHEM 102	General Chemistry II	3
CHEM 104	Laboratory for General Chemistry II	1
ENGL 101	English I	3
ENGL 102	English II	3

MATH 112	College Algebra	3
PSYC 100	Introductory Psychology	3
CSCI 100	Introduction to Computers	3

TOTAL CREDIT HOURS 35

SOPHOMORE YEAR

Semesters I and II		Credits
BIOL 210	Anatomy and Physiology I	3
BIOL 212	Lab for A & P I	1
BIOL 211	Anatomy and Physiology II	3
BIOL 213	Lab for A & P II	1
CHEM 201	Organic Chemistry I	3
CHEM 203	Lab for Organic Chemistry I	1
CHEM 202	Organic Chemistry II	3
CHEM 204	Lab for Organic Chemistry II	1
HIST 101, 102 or HIST 103, 104	History Electives	6
MATH250	Calculus	3
PSYC 230	Psychology Across the Life Span	3
MUSI 100	Music Appreciation	
or		
ART 100	Art Appreciation	
BIOL 280 &281	Microbiology and Microbiology Laboratory	4

TOTAL CREDIT HOURS 35

JUNIOR YEAR

Semesters I and II		Credits
BIOL 345	Cell Biology	3
BIOL 330	General Histology	3
BIOL 480	Pathogenic Microbes and Laboratory	4

PHYS 121	General Physics-I	3
PHYS 123	Laboratory for General Physics I	1
PHYS 122	General Physics-II	3
PHYS 124	Laboratory for General Physics II	1
MATH 270	Calculus-I	5
CHEM 335	Biochemistry	3
LANGUAGE REQUIREMENT:		6
LATN-I, LATN-II	Latin-I, Latin-II	
or		
SPAN 101	Elementary Spanish-I	
SPAN 102	Elementary Spanish-II	
FREN-I, FREN-II	French-I, French-II	
TOTAL CREDIT HOURS		33

SENIOR YEAR		
Semesters I and II	Courses	Credits
HUMN 272	Medical Ethics	3
MATH 252	Statistics	3
General Elective	Psychology, Philosophy, etc.	3
BIOL 331	Microscopic Anatomy	3
BIOL 482	Virology	3
or		
BIOL 310	Fundamentals of Immunology	
BIOL Electives	Select from: BIOL 312, 450, BIOL 460, BIOL 465, BIOL 470, or BIOL 475	9
BIOL 495	Human Medicine Seminar	1
Total Credit Hours		25

Total Credit Hours for the B.S. degree in Human Medicine 130

ACSM may be waived (See OLOLC Policy)

Students in this degree program MUST MEET with the program advisor prior to each semester.

POST-BACCALAUREATE PREMEDICAL PROGRAM

Purpose

This program is designed for those students who already possess a B.A. or B.S. degree, but lack specific course work required for admission into medical schools. The typical courses involve are science courses in the areas of Biology, Chemistry, Physics and Mathematics. Our Lady of the Lake College offers the following pre-med courses, required for matriculations into medical school, as part of its Human Medicine B.S. Degree program. Students holding B.A. or B.S. in non-life science fields are encouraged to apply.

The Course Offerings

BIOL 101	General Biology I	3 cr hrs
BIOL 102	General Biology II	3 cr hrs
BIOL 103	Lab for BIOL 101	1 cr hr
BIOL 104	Lab for BIOL 102	1 cr hr
CHEM 101	Inorganic Chemistry I	3 cr hrs
CHEM 102	Inorganic Chemistry II	3 cr hrs
CHEM 103	Lab for CHEM 101	1 cr hr
CHEM 104	Lab for CHEM 102	1 cr hr
CHEM 201	Organic Chemistry I	3 cr hrs
CHEM 202	Organic Chemistry II	3 cr hrs
CHEM 203	Lab for CHEM 201	1 cr hr
CHEM 204	Lab for CHEM 202	1 cr hr
CHEM 355	Biochemistry	3 cr hrs
PHYS 121	General College Physics I	3 cr hrs
PHYS 122	General College Physics II	3 cr hrs
PHYS 123	Lab for PHYS 121	1 cr hr
PHYS 124	Lab for PHYS 122	1 cr hr
MATH 250	Calculus	3 cr hrs

In addition, other 200, 300 and 400 level biology courses, related to human biology and medicine, are also offered as part of the Human Medicine B.S. program. Such courses are designed to expand and enhance preparation for medical school.

The Division of Nursing

The Associate of Science Degree in Nursing program is fully approved by the Louisiana State Board of Nursing (3510 North Causeway Blvd., Suite 501, Metairie, Louisiana 70002). The Associate of Science Degree in Nursing Program holds accreditation from the National League for Nursing Accrediting Commission (NLNAC). The RN-BSN program holds initial accreditation from NLNAC, 61 Broadway, New York, NY 10006, (212) 363-5555, ext. 153.

The Full-time Faculty

Dr. L. Plaisance, Acting Dean, Associate Professor; J. Beck, Associate Professor; Rebecca Bombet, Instructor; M. Bianchetti, Instructor; S. Bond, Associate Professor; C. Buancore, Assistant Professor; S. Carpenter, Associate Professor; S. Preuett Cary, Associate Professor; M. Devlin, Associate Professor; J. Ellis, Assistant Professor; T. Gillen, Instructor; M. Green, Assistant Professor; C. Groeger, Associate Professor; K. Hurst, Assistant Professor; Tabitha Jones-Thomas, Instructor; Dr. P. LeBlanc, Associate Professor; Tracie Major, Assistant Professor; Dr. A. McClinton, Associate Professor; B. Norton, Assistant Professor; V. Schluter, Assistant Professor; C. Slaven, Associate Professor; S. Smith, Associate Professor; Susan Steele, Assistant Professor.

THE ASSOCIATE OF SCIENCE DEGREE IN NURSING

Purpose

The purpose of the Associate of Science Degree in Nursing (ASN) Program of Our Lady of the Lake College is to prepare associate degree nurses who have the necessary skills and competencies to meet the health care needs of God's people with compassion, understanding, respect and dignity. The ASN program provides an avenue for socialization into the profession of nursing, fosters a commitment for learning and promotes continued intellectual growth. The graduate of this nursing program receives an Associate of Science Degree in Nursing and is prepared to write the National Council Licensure Examination for Registered Nurses (NCLEX-RN).

Objectives

Upon completion of the Associate of Science Degree in Nursing, the graduate will be able to:

1. Apply biopsychosocial, spiritual and socioeconomic knowledge and values in

providing individualized care for individuals, families and groups experiencing common health problems.

2. Demonstrate critical thinking and psychomotor competencies in performing nursing care.
3. Demonstrate caring, compassion, understanding, respect and dignity in the delivery of nursing care.
4. Utilize the nursing process to formulate, implement and evaluate individualized care for individuals, families, and groups experiencing common health problems.
5. Communicate effectively with individuals, families, significant others, and other health care team members in the delivery of care.
6. Utilize the teaching learning process to promote or maintain wellness across the health care continuum.
7. Manage care for individuals, families, and groups of clients with common health problems.
8. Collaborate with other health team members to provide care for individuals in selected community settings.
9. Practice within the profession's legal and ethical boundaries to meet the health care needs of individuals, families, and groups across the health care continuum.
10. Accept responsibility for continuing the life long process of professional and personal growth.

Admission Requirements

THERE ARE THREE AVENUES OF ADMISSION TO THE ASSOCIATE OF SCIENCE DEGREE IN NURSING PROGRAM:

1. STANDARD ADMISSION
2. ADMISSION BY TRANSFER OF CREDIT
3. ADMISSION THROUGH THE LPN TO RN ARTICULATION PROGRAM

I. STANDARD ADMISSION

A. Minimum Admission Requirements

All applicants for STANDARD ADMISSION to the ASN program must meet these minimum requirements:

1. All applicants to the Associate of Science program must first be accepted for admission to Our Lady of the Lake College
2. Be in good academic standing at OLOL College.
3. Completion of 6 credit hours at OLOL College prior to admission to the program.
4. Achievement of a cumulative grade point average of 2.0 or better on all college work earned at all institutions attended.
5. Application to the ASN program can be made upon completion of the required foundation courses with a grade of C or better. These are: a) Academic Seminar b) College Algebra c) English Composition.
6. Completion of all of the remaining Arts and Sciences courses in the Nursing Curriculum is not a requirement for admission. However, a student is more competitive within the applicant pool if he/she has successfully completed some, or all of these courses at the time of application to the program. Successful completion of the required Arts and Sciences courses does not guarantee admission to the ASN program.
7. Achievement of a grade point average of 2.75 or higher on Arts and Sciences courses in the nursing curriculum.

Achievement of a C or better in all of the Arts and Sciences courses in the Nursing curriculum.

B. Application Process - Standard Admission

1. Applicants to the ASN program in the Division of Nursing must complete an application specific to the ASN program. This is available from the Office of Admissions and Records. The ASN program accepts students in August and in

January. Applications for the Fall semester must be submitted by mid-January. Applications for the Spring semester must be submitted by mid-August. (See academic calendar).

2. Applicants who meet the above program requirements and complete an application for admission to the ASN program will be offered an opportunity to take the Nursing Entrance Test (NET). The NET test is offered each application period at OLOLC. Applicants may submit NET results taken at other institutions. Only the first two NET scores will be considered for application to the ASN program.
3. Applicants who meet the minimum requirements will be considered for admission to the ASN program. Admission to the ASN program is competitive and acceptance is not guaranteed. Factors considered in the review of applications include: NET results, cumulative GPA, GPA on completed Arts and Sciences courses, the number of credit hours completed at OLOL College.
4. All applicants are required to submit a *Requirements to Write the Louisiana State Board of Nursing Examination* form with is part of the application for admission packet.

C. Other Requirements

Health and Safety Requirements:

All students are required to comply with the Health and Safety Requirements. See the Division of Nursing Student Handbook for further information.

All students entering nursing courses are required to have health examinations. All students must submit the results of appropriate screening for TB annually to the Director of the Office of Student Health and Safety. Failure to do so will result in the inability to attend the clinical portion of the course.

All students must **maintain current** Health Professional CPR Certification each semester. This can be taken at an institution/agency of the student's choice. Students are responsible for submitting evidence of current certification to the Director of the Office of Student Health and Safety. Failure to do will result in the inability to attend the clinical portion of the course.

Failure to maintain compliance with the Health and Safety Requirements each semester will result in the inability to attend the clinical portion of the nursing program. For further information about any health and safety requirements, contact the College Health and Safety Office at 768-1775.

II. ADMISSION BY TRANSFER OF NURSING CREDITS

A. Minimum Requirements

Students who have satisfactorily completed comparable, college-level nursing courses from an NLNAC accredited institution may seek admission to the Division of Nursing by TRANSFER OF NURSING CREDITS. After meeting admission requirements to OLOLC, all applicants must meet the following criteria:

1. Be eligible to re-enter the nursing program from which he/she is transferring.
2. Achievement of a cumulative grade point average of 2.0 or better on all college work earned.
3. Completion of all foundation courses with a grade of C or better.
 - A. Academic Seminar *
 - b. College Algebra
 - c. English Composition

**ACSM may waived (see OLOLC Policy)*

4. Achieve a grade of C or better on all transfer courses in the ASN curriculum.
5. Completion of all nursing prerequisite courses and Arts and Sciences courses with a grade point average of 2.75 as follows:

PLANS TO ENTER:	MUST HAVE COMPLETED:
NURS 100, 102	MATH 112; ENGL 10; ACSM
NURS 104	NURS 100, 102; BIOL 210 & 235
NURS 202	ALL OF THE ABOVE, and: NURS 104; BIOL 211, 280; PSYC 100; SOCI 100
NURS 204	ALL OF THE ABOVE

B. Application Process: Transfer of Nursing Credit

An individual assessment will be made of the applicant's prior course work to determine placement.

1. Applicants to the ASN program in the Division of Nursing must complete an application specific to the ASN program. This is available from the Office of Admissions and Records.
2. The transfer applicant must submit a letter to the Division of Nursing Admissions Committee requesting transfer into the ASN program. The transfer student must comply with Health and Safety Requirements. Transfer students are accepted pending available space.
3. All applicants are required to submit a *Requirements to Write the Louisiana State Board of Nursing Examination form which is part of the application for the admission packet.*

III. ADMISSION THROUGH THE LPN TO RN ARTICULATION PROGRAM

The purpose of the LPN to RN Articulation Program is to allow Licensed Practical Nurses with previously acquired nursing knowledge and skill the opportunity to achieve an Associate of Science Degree in Nursing and eligibility to write the NCLEX - RN.

A. Minimum Requirements

In addition to the minimum admission requirements to the ASN program, (see minimum requirements for the standard admission), applicants must meet the requirements for admission to the LPN to RN ARTICULATION PROGRAM. These requirements are:

1. Current LPN licensure and a minimum of 2080 clock hours work experience within the past three years.
2. Successful completion of the following required arts and sciences courses with a grade of C or better and with a GPA of 2.75:
 - Human Anatomy and Physiology I (BIOL 210)
 - Human Anatomy and Physiology II (BIOL 211)
 - Fundamentals of Human Nutrition (BIOL 235)
 - Fundamentals of Microbiology (BIOL 280)
 - Introductory Psychology (PSYC 100)
 - Introductory Sociology (SOC 100)

Successful completion of Arts and Sciences courses does not guarantee admission to the LPN to RN Articulation Program or the ASN Program.

Transfer credit from other institutions and credit-by-examination will be accepted according to College policy. Students desiring to complete courses in the Division of Arts and Sciences at Our Lady of the Lake College must request admission as an Arts and Sciences student prior to applying for admission to the LPN Articulation Program.

B. Application Process

1. LPN students must meet with the LPN to RN Articulation Program academic advisor prior to the application process. LPN students may choose to complete one of the following curriculum plans and then schedule NLN ACE exams accordingly.

CURRICULUM PLAN			
PLAN A	SEMESTER	PLAN B	SEMESTER
NURS 110	Summer	NURS 110	Summer
NURS 202	Fall	NURS 104	Fall
PSYC 230	Fall	PSYC 230	Fall
NURS 204	Spring	NURS 204	Spring
PHIL 270 or 272	Spring	PHIL 270 or 272	Spring

2. For PLAN A or B (see curriculum plan) applicants need to challenge the following NLN ACE exams, which are offered twice a year. LPN students must register to write the NLN ACE with their academic advisor.

NLN ACE exam requirements for Curriculum Plan A -

- Fundamentals of Drug Therapy*
- Foundations of Nursing
- Care of the Adult Client

NLN ACE exam requirements for Curriculum Plan B

- Fundamentals of Drug Therapy*
- Foundations of Nursing
- Care of the Child and Care of the Client during Childbearing
- Care of the Client with Mental Disorder

** Students may elect to enroll in NURS 100 (Pharmacology in Nursing) in lieu of challenging the NLN ACE Fundamentals of Drug Therapy Exam. If the Student is unsuccessful in their challenge of the NLN ACE Fundamentals of Drug Therapy, they may enroll in NURS 100. Students who enroll in NURS 100 and are not successful (with a grade of C or better) cannot then challenge the NLN Drug Therapy Exam.*

3. National League for Nursing Acceleration Challenge Exams (NLN ACE) are written and must be successfully completed within the year prior to admission to the LPN to RN Articulation Program. If success is not achieved on the first attempt the applicant may retake the exam, with approval, only once, for the next admission period.
4. LPNs must complete an application to the LPN to RN Articulation Program after completion of NLN ACE. The application can be obtained from the Office of Admissions and Records.
5. The following forms are included in the application packet. The completed forms should be returned to the Office of admissions and Records by the end of February (see Academic Calendar).
 - Validation of work hours
 - Verification of skills competencies
 - Requirements to write the Louisiana State Board of Nursing Examination Form
6. LPN to RN Articulation Program students must comply with health and safety requirements

C. Admission to Nursing 110

1. LPNs who are accepted for admission to this program must register for NURS 110. Students may enroll in NURS 110 only once. Validation credit for NLN ACE nursing exams will be granted after successful completion of NURS 110 as follows: Plan A - credit for N104; Plan B - credit for N202. Validation credit for N100 will be granted for satisfactory completion of the NLN ACE pharmacology exam when N110 is successfully completed.
2. Students who withdraw from NURS 110 or do not receive a grade of C or better may not progress in the nursing program. Students who want to continue – pursuing the ASN may apply for standard admission to the Division of Nursing.

The Division of Nursing faculty reserves the right to limit the number of students admitted to the LPN to RN Articulation Program to assure the most effective use of available resources. Priority will be given to applicants who have demonstrated academic and personal readiness to meet the challenges and demands of nursing education.

**CURRICULUM PLAN FOR ASSOCIATE OF SCIENCE
DEGREE IN NURSING**

FOUNDATION COURSES		CREDITS
ACSM 100	Academic Seminar	0-1
ENGL 101	English I	3
MATH 112	College Algebra	3
LEVEL I		CREDITS
Semester I		
BIOL 210	Human Anatomy and Physiology I	3
BIOL 235	Fundamentals of Human Nutrition	3
NURS 100	Pharmacology in Nursing	3
NURS 102	Foundations for the Art and Science of Nursing	6
Semester II		
BIOL 211	Human Anatomy & Physiology II	3
BIOL 280	Fundamentals of Microbiology	3
NURS 104	Nursing Care of the Adult	9
Summer		
PSYC 100	Introductory Psychology	3
SOC1 100	Introductory Sociology	3
LEVEL II		CREDITS
Semester I		
PSYC 230	Psychology Across the Lifespan	3
NURS 202	Nursing Care Within a Family Context	10
Semester II		
PHIL 270 or 272	Current Moral Problems or Ethical Issues in Health Care	3
NURS 204	Nursing Care of Individuals and Groups	10

Arts and Sciences Courses (including Foundation Courses)	30-31 credit hours
NURS Courses	+38 credit hours
Total Hours for Associate of Science Degree	68-69 credit hours

All of the arts and sciences courses listed in the curriculum plan may be taken prior to admission to the nursing program. Some of the arts and sciences courses have pre- or co-requisite requirements (see course descriptions). Students interested in enrolling in these courses are advised to have a strong high school background in English, algebra, biology, chemistry, and physics. Arts and Sciences and Nursing course requirements for Level I must be completed prior to advancing to Level II. Time limits may apply for some courses.

ACSM may be waived (See OLOLC Policy)

Requirements for Graduation

The Associate of Science Degree in Nursing is conferred upon students when the following conditions have been met:

1. Completion of sixty-eight to sixty-nine (68-69) semester credit hours in the required courses; completion of the nursing courses within five (5) years. Failure to do so will result in the individual having to repeat all nursing courses.
2. Achievement of a cumulative grade point average of 2.0 or higher on all college work with grades of C or above in all courses leading to the Associate Degree in Nursing.
3. Completion of all required standardized achievement examinations.

NOTE: See OLOLC General Requirements for Graduation.

Licensure

Upon completion of the program the graduate is eligible to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN). The examination is designed to test knowledge, skills, and abilities essential to the safe and effective practice of Nursing at the entry level. Upon successful completion of this examination, the graduate becomes licensed to legally practice as a registered nurse in the State of Louisiana.

Each graduate must apply to the Louisiana State Board of Nursing for licensure. The Board of Nursing authorizes candidates to take the NCLEX-RN and provides the registration form for NCLEX. Approval of licensure application by the Board of Nursing and completion of registration for NCLEX are required before the candidate receives an Authorization to Test.

Following receipt of documentation of graduation and the application to write the NCLEX-RN, a temporary permit to practice nursing is granted by the Board of Nursing. This permit grants the graduate the opportunity to work as a nurse during the interim between graduation and the reporting of results of the licensing examination.

The Louisiana State Board of Nursing reserves the right to disapprove the taking of National Council Licensure Examination for Registered Nurses (NCLEX-RN) to persons having had disciplinary action, arrest or impairment.

Applicants for licensure who have had a disciplinary action, arrest or impairment must provide documentation of the circumstances of the action, arrest or impairment to the Louisiana State Board of Nursing. Questions regarding eligibility to take the examination should be directed to the Louisiana State Board of Nursing.

THE RN-BSN PROGRAM

Purpose

The purpose of the Our Lady of the Lake College RN-BSN Program is to provide registered nurses with a broad educational foundation and the opportunity to obtain the Bachelor of Science Degree in Nursing. This program of study prepares the student for professional leadership roles, career enhancement and graduate study in nursing. It expands upon the knowledge and skills necessary for the registered nurse to practice in a rapidly changing health care environment.

The program is flexible and student oriented. It is designed for registered nurses who hold the associate degree or diploma in nursing and wish to further their education on a part-time basis while continuing employment. Full-time enrollment is possible. The RN-BSN Program reflects the values and philosophy of the Franciscan Missionaries of Our Lady.

Objectives

Upon completion of the RN-BSN Program, the graduate will be able to:

1. Integrate spiritual, cultural, and developmental concepts and values in providing and managing care for clients;
2. Synthesize knowledge from the humanities, biopsychosocial and nursing sciences in providing and managing nursing care;
3. Use management/leadership skills and knowledge of the socio-political system in providing comprehensive, therapeutic nursing care;
4. Use the nursing process to provide nursing care for clients, families, groups, and communities;
5. Collaborate with clients, families, groups, communities, and other health care providers in the delivery of health care;
6. Incorporate findings from nursing and health-related research in promoting health and in the delivery of nursing care;
7. Participate in the delivery of health services by functioning in nursing roles necessary to meet the needs of a changing society;
8. Practice within the profession's legal and ethical boundaries to meet the health care needs of the clients, families, groups, and communities;

9. Assume responsibility for continuing personal, professional, and educational development necessary to function in a rapidly changing health care environment. Admission Requirements

Admission Requirements

The admission requirements are as follows:

- I. Applicants must meet the minimum requirements for full or provisional admission to OLOL College.
 - A. All RN-BSN students are considered transfer students. Refer to admission requirements for transfer applicants.
- II. ALL applicants must meet this requirement:
 - A. Possession of current Registered Nursing (RN) licensure in the State of Louisiana. *Applicants who have not yet obtained RN licensure in Louisiana may be accepted on a provisional basis (see Provisional Acceptance).*

Admission Status

Upon review of the applicant's credentials and evaluation of academic records, applicants will be placed in one of the following admission statuses:

1. FULL ACCEPTANCE
The applicant is fully accepted to the RN to BSN Program.
2. PROVISIONAL ACCEPTANCE
The applicant who has been provisionally admitted to the college may be provisionally admitted to the RN to BSN program upon approval of the Dean. The applicant may enroll in course work and must earn a grade of C or better in each course attempted. Provisional status is granted for a maximum of 3 semesters, including the summer semester. To be removed from provisional status the student must attain an overall GPA of 2.0. Failure to achieve an overall GPA of 2.0 will result in dismissal from the program.
3. PROVISIONAL ACCEPTANCE FOR FAILURE TO MEET ADMISSION REQUIREMENT II
The applicant who has not received RN licensure in Louisiana but has made application to take the licensing exam, or the applicant who has attempted but not passed this exam may be admitted on a provisional basis. Provisional acceptance pending RN licensure is granted for only one semester. To be removed from provisional status, the student must show evidence of RN

licensure in Louisiana to the Office of Admissions by the last day of the first semester of enrollment in the program. The student who does not gain RN licensure by this date will not be allowed to progress in the program. The student may apply for readmission to the program upon obtaining the RN license.

**CURRICULUM PLAN FOR ASSOCIATE OF SCIENCE
DEGREE IN NURSING**

ARTS AND SCIENCES COURSES	CREDIT HOURS
ACSM 100 Academic Seminar	0-1*
ENGL 101 English I	3
MATH 112 College Algebra	3
BIOL 210 Human Anatomy and Physiology I	3
BIOL 211 Human Anatomy and Physiology II	3
BIOL 235 Fundamentals of Human Nutrition	3
BIOL 280 Fundamentals of Microbiology	3
PHIL 270 or 272 Current Moral Problems or Ethical Issues in Health Care	3
PSYC 100 Introductory Psychology	3
PSYC 230 Psychology Across the Life Span	3
SOCI 100 Introductory Sociology	3
NURSING COURSES	CREDIT HOURS
Level I Nursing Courses:	
NURS 100 Pharmacology in Nursing	3
NURS 102 Foundations for the Art and Science of Nursing	6
NURS 104 Nursing Care of the Adult	9
Level II Nursing Courses:	
NURS 202 Nursing Care within a Family Context	10
NURS 204 Nursing Care of Individuals and Groups	10
Arts and Sciences Courses (including Foundation Courses)	31 credit hours
NURS Courses	+38 credit hours
Total Hours for Associate of Science Degree	68-69 credit hours

Applicants to the RN-BSN Program must first meet the curriculum requirements of the ASN Program.

COURSES FOR THE RN-BSN PROGRAM*		
ARTS AND SCIENCES COURSES		CREDIT HOURS
ENGL 102	English Composition II	3
ENGL/SPCH	Literature, English Composition or Speech (200 level or above)	3
MATH 252	Statistics	3
CSCI 100	Introduction to Computers	3
HIST	History (American or World)	3
RELI/ANTH/THEO	Religion, Anthropology or Theology course	3
PHIL 200	Philosophy & Critical Thinking	3
ART/MUSI	Art or Music Appreciation	3
Electives:	Arts and Sciences courses	6
NURSING COURSES		CREDIT HOURS
Level III Nursing Courses:		
NURS 310	Health Promotion	3
NURS 320	Pathophysiology: a Basis for Nursing Care	3
NURS 330	Health Assessment	3
NURS 340	Leadership and Management	3
NURS 350	Research in Nursing Practice	3
Level IV Nursing Courses:		
NURS 410	Gerontology	3
NURS 420	Community Nursing	6
NURS 430	Nursing in the 21st Century	3
NURS 440	Independent Study	3
Associate of Science Degree Courses:		
Arts and Sciences		30-31 credit hours
Nursing		38 credit hours
RN-BSN Courses:		
Arts and Sciences		30 credit hours
Nursing		+30 credit hours

Total Hours required for Bachelor of Science Degree in Nursing = 128-129 credit hours

* Students in this program MUST meet with an advisor every semester.

Transfer Credit

Transfer credit for the arts and sciences courses from other institutions and credit-by-examination will be accepted according to college policy. RNs who have completed an associate degree nursing program at a regionally accredited institution or a nursing diploma program at a National League for Nursing Accrediting Commission (NLNAC) accredited institution will be given transfer credit for Level I and II Nursing courses.

For other RNs, successful completion of licensure requirements for registered nurses is accepted as verification of prior knowledge. These applicants will be permitted to enroll in Level III Nursing courses. Upon successful completion (grade C or better) of all Level III Nursing courses, transfer credit for the Level I and Level II Nursing courses will be awarded.

Requirements for Graduation

The Bachelor of Science Degree in Nursing is conferred upon students when the following conditions have been met in addition to the General Requirements for Graduation:

1. Completion of one hundred twenty-eight or one hundred twenty-nine (128-129) semester credit hours in the required courses; and completion of the upper level nursing courses within five years. (Failure to do so will result in the individual having to repeat third and fourth level nursing courses.)
2. Achievement of a cumulative grade point average of 2.0 or higher on all college work with grades of C or above in all courses leading to the Bachelor of Science Degree in Nursing.

NOTE: See OLOLC General Requirements for Graduation.

The Associate of Science Degree in Clinical Laboratory Sciences

The Clinical Laboratory Science Program is accredited by the Accreditation from the National Accrediting Agency for Clinical Laboratory Sciences (8410 West Bryn Maur Avenue, Suite 680, Chicago, IL 60631 (773) 714-8880).

Purpose

The purpose of the Clinical Laboratory Science Program is to provide each student with the knowledge and skills necessary to become a successful member of a challenging profession in clinical laboratory medicine. The graduate of this program receives an associate degree of science in clinical laboratory sciences and is prepared to write the national certification examinations offered by the American Association of Clinical Pathologists and/or the National Certification Agency for Medical Laboratory Personnel.

The responsibility of the program is to develop a comprehensive, well-structured curriculum that will ensure the willing graduate success as a Clinical Laboratory Technician. College lectures are designed to provide students with the knowledge and skills necessary to pass the certification exams. Student laboratories and a clinical rotation provide the practical experience that enables students to integrate the technical skills necessary to work in entry level positions upon graduation.

The Full-Time Faculty

Dr. B. Farrell, Director; Dr. T. Casanova, Assistant Professor; Dr. J. Holden, M.D., Clinical Professor and Advisor.

Objectives

At the conclusion of the program, the clinical laboratory science graduate is expected to:

1. Apply basic knowledge acquired in the biological, physical, and behavioral sciences, math, and liberal arts to the practice of clinical laboratory science;
2. Apply the basic scientific principles of clinical laboratory science in order to accurately collect, process, and analyze patients' specimens;

3. Utilize problem solving, critical thinking, decision-making, and computer skills in the practice of clinical laboratory science;
4. Practice within the profession's legal and ethical boundaries to meet the health care needs of patients;
5. Seek opportunities for continuing education for the purpose of broadening knowledge base and increasing competency levels in various areas of the laboratory;
6. Promote professional behavior in the clinical areas;
7. Display an awareness of cost containment in the utilization of resources;
8. Pass certifying examinations.

Admission Requirements

The applicant must meet the following minimum requirements for admission to the Clinical Laboratory Science Associate of Science Degree Program (CLS):

Requirements for acceptance into the program are the same as for acceptance of OLOL College. (See OLOLC Admissions)

Completion of the required arts and sciences courses with a grade of C or better (see Curriculum Plan).

Admission Process

Entrance into the clinical phase of the CLS program at Our Lady of the Lake College is competitive and the requirements of the courses are very demanding. The pre-requisite courses in the curriculum provide a foundation and indicate the applicant's potential for success in the clinical program. Priority is given to applicants who have completed the pre-requisite courses at a level which indicates potential for success in the program and who have provided evidence of understanding the demands of the profession.

**CURRICULUM PLAN FOR ASSOCIATE OF SCIENCE
DEGREE IN CLINICAL LABORATORY SCIENCES**

ACSM 100	Academic Seminar	1			
BIOL 210	Human Anatomy & Physiology I	3			
CHEM 101	Fundamentals of Chemistry I	3			
CHEM 103	Fundamentals of Chemistry Lab	1			
ENGL 101	English I	3			
MATH 112	College Algebra	3			
CLST 100	Introduction to Clinical Laboratory Science	1			
BIOL 211	Human Anatomy & Physiology II	3			
BIOL 280	Fundamentals of Microbiology	3			
BIOL 281	Fundamentals of Microbiology Lab	1			
CHEM 102	Fundamentals of Chemistry II	3			
CHEM 104	Fundamentals of Chemistry Lab	1			
ENGL 102	English II	3			
CLST 101	Introduction to Laboratory Techniques	3			
PHIL 272	Ethical Issues in Health Care	3*			
PSYC 100	Introductory Psychology	3			
CLST 203	Special Topics I	2			
CLST 204	Special Topics II	2			
CLST 220	Clinical Practicum I	4	CLST 210	Immunohematology I	4
CLST 221	Clinical Practicum II	4	CLST 211	Clinical Chemistry I	4
CLST 222	Clinical Practicum III	4	CLST 212	Hematology I	4
CLST 223	Clinical Practicum IV	4	CLST 213	Clinical Microbiology I	4

Arts and Sciences Courses	33-34 credit hours
CLST Courses	+ 40 credit hours
Total Hours for Associate of Science Degree	73-74 credit hours

* Or Humanities course approved by Program Director

The student must complete the pre-requisite courses before admission into the clinical component. Entrance into the clinical sequence is competitive and based on stated requirements. Some of the arts and sciences courses have pre- or co-requisite requirements (see course description). Students interested in enrolling in these courses are advised to have a strong high school background in English, algebra, biology, and chemistry.

Interested persons with bachelor degrees in science should contact the College regarding admission and curriculum requirements.

Requirements for Graduation

The Associate of Science Degree in Clinical Laboratory Sciences is conferred upon students when the following conditions are met in addition to the General Requirements for Graduation:

1. Completion of seventy-three to seventy-four (73-74) semester credit hours in the required courses and completion of the professional courses.
2. A cumulative grade point average of 2.0 or higher on all college work with grades of C or above in all courses leading to the Associate of Science Degree in Clinical Laboratory Sciences.

Certification

Students completing the program are eligible to write for the certification examinations. Graduation from Our Lady of the Lake College, Clinical Laboratory Science Program is not dependent on passing the certification examinations.

Application for the certification exams are available through the Program Director. It is the students' responsibility to complete and submit applications for the certification examinations by the designated deadline. The Program Director must sign the complete application.

Licensure

CLS TECHNICIAN TRAINEE LICENSE

Students employed part-time at clinical sites to do laboratory testing must have a CLS Trainee License issued by the Louisiana State Board of Medical Examiners.

CLS TECHNICIAN TEMPORARY LICENSE

If the student does not work part-time before graduation from the Clinical Laboratory Science program, he/she must apply for a temporary CLS-technician license upon completion of the program.

CLS TECHNICIAN LICENSE

The graduate will not be granted a permanent license until he/she passes one of the certification exams. Application forms for licensure are available through the Louisiana Board of Medical Examiners.

BACHELOR OF SCIENCE IN CLINICAL LABORATORY SCIENCES

The Clinical Laboratory Sciences Program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (8410 West Bryn Mawr Avenue, Suite 680, Chicago, IL 60631 (773) 714-8880.

Purpose

The purpose of the Bachelor of Science degree program in Clinical Laboratory Science is to provide cognizant and adept scientists capable of competing in the job market of the 21st century. The program will enhance basic skills in clinical laboratory science and, therefore, broaden career opportunities for graduates. These students are educated and trained through a nontraditional “2+2” program consists of the existing Clinical Laboratory Technician (CLT) curriculum, a third year of academic courses, and a fourth year of advanced cognitive and psychomotor clinical instruction. The graduates of this program are equipped to accept leadership positions, seek career enhancements, and/or pursue graduate studies.

Objectives

At the conclusion of the program, the graduate of the Clinical Laboratory Science program is expected to:

1. Apply advanced knowledge and skills to the practice of clinical laboratory science;
2. Evaluate the results of laboratory analyses necessary for the diagnosis and management of human diseases;
3. Expand the capacity for self-directed learning in Clinical Laboratory Science;
4. Develop the professional, legal, and ethical boundaries in meeting the health care needs of the clients;
5. Provide opportunities for continuing education for laboratory personnel;
6. Develop methods of cost containment in the health care setting;
7. Promote professional behaviors in the clinical areas;
8. Seek national certification as a clinical laboratory scientist and specialized certifications in the clinical laboratory sciences, cytogenetics, molecular biology, etc.

Admission Requirements

The applicant must meet the following minimum requirements for admission to the Clinical Laboratory Science Bachelor's Degree Program:

1. Possession of an associated degree from a regionally accredited institution and successful completion of a NAACLS accredited Clinical Laboratory Technician program (CLT). Possession of a current Clinical Laboratory Scientist-Technician licensure in the State of Louisiana. Students must complete clinical courses with a grade of a B or better at the CLT level before entering the CLS program.
2. Achievement of a cumulative grade point average of 2.5 (on a 4.0 scale) on all college work attempted with a minimum of a C or better in biological sciences, chemistry, and mathematics and a minimum of a 3.0 overall in the CLS program for each semester.
3. Applicants who are enrolled in the Clinical Laboratory Technician program at OLOL College can be accepted on a provisional basis, provided that the applicant possesses a BS degree from a regionally accredited college with an overall GPA of 2.5 plus 16 semester credit hours in chemistry and 16 semester credit hours in biological sciences. However, if they fail to meet the criteria set in requirements 1 and 2, they will not be granted full acceptance.

Admission Process

Entrance into the Clinical Laboratory Science degree program is competitive and based on the stated requirements. Priority is given to applicants who have successfully completed the associate degree program at a level that indicates potential for success in the Clinical Laboratory Scientist program and who have provided evidence of understanding the demands of the profession. The Clinical Laboratory Technician courses provide a foundation and indicate the applicant's potential for success in the Bachelor's degree program.

Note: For students with B.S. degrees only.

Curriculum Plan

The student must complete the prerequisite courses before admission into the clinical component.

YEAR 1					
Semester 1		Credit Hours	Semester 2		Credit Hours
ACSM 100		1	ENGL 102		3
ENGL 101		3	BIOL 211		3
MATH 112		3	BIOL 290		4
BIOL 210		3	CHEM 102/104		4
CHEM 101/103		4	CLST 100		1
PSYC 100		3	CLST 101		3
TOTAL		17	TOTAL		18

YEAR 2					
Semester 1 (<i>Summer</i>)	Credit Hours	Semester 2	Credit Hours	Semester 3	Credit Hours
PHIL 270*	3	CLST 210	4	CLST 220(224)**	4(2)
CLST 203	2	CLST 211	4	CLST 221(225)	4(2)
CLST 204	2	CLST 212	4	CLST 222(226)	4(2)
		CLST 213	4	CLST 223(227)	4(2)
TOTAL	7	TOTAL	16	TOTAL	16

YEAR 3					
Semester 1		Credit Hours	Semester 2		Credit Hours
ENGL 200		3	CHEM 255/256 or 202/204		4
MATH 252		3	BIOL 480		4
CHEM 201/203		4	Electives		6-14
CSCI 100		3			
BIOL 310		3			
TOTAL		16	TOTAL		17

*Or Humanities course approved by Program Director

**Students taking CLST 224-227 must take more electives

YEAR 4					
Semester 1 (<i>Summer</i>)	Credit Hours	Semester 2	Credit Hours	Semester 3	Credit Hours
CLSS 410	3	CLSS 420	3	CLSS 414	2
CLSS 411	3	CLSS 421	3	CLSS 415	2
CLSS 412	3	CLSS 422	3		
CLSS 413	3	CLSS 423	3		
TOTAL	12	TOTAL	12	TOTAL	4

Total Degree Hours 135 Credit Hours

Electives

BIOL Electives:

- Cell Biology
- Oncology
- Virology, etc.

Electives:

- Management
- Accounting
- Psychology
- Arts
- Philosophies
- Languages, etc.

Transfer credit for the arts and sciences courses from other institutions and credit-by-examination will be accepted according to college policy. CLTs who have completed an associated degree CLT program at a regionally accredited institution will be given transfer credit for CLST 100 and 200 level courses.

Requirements for Graduation

The Bachelor of Science Degree in Clinical Laboratory Science is conferred upon students when the following conditions are met in addition to the General Requirements for Graduation::

1. Completion of one hundred and thirty-five (135) semester credit hours in the required courses and completion of the professional courses.
2. A cumulative grade point average of 2.0 or higher on all college work with grades of C or above in all courses leading to the Bachelor of Science Degree in Clinical Laboratory Science.

NOTE: See OLOLC General Requirements for Graduation.

Certification

Students completing the program are eligible to write the national certification examinations. Graduation from the Clinical Laboratory Science Bachelor degree program at Our Lady of the Lake College is not dependent on passing the certification examinations.

Applications for the certification exams are available through the Program Director. It is the students' responsibility to complete and submit applications for the certification examinations by the designated deadline.

Licensure

The graduates of the Clinical Laboratory Science Program will not be granted a permanent license to practice as a Clinical Laboratory Scientist-Generalist until he/she passes one of the national certification examinations.

The Associate of Science Degree in Emergency Health Science

The Emergency Health Science Program is in the process of applying for accreditation through the Joint Review Committee on Education Programs for EMT-Paramedics (CAAHEP/JRCCEMT-P; 7108-C South Alton Way, Suite 150, Greenwood, CO 80112-2106 (303) 694-6191).

Purpose

The purpose of Emergency Health Science Program at Our Lady of the Lake College is to prepare the graduate to function as a pre-hospital care practitioner at the level of Emergency Medical Technician—Paramedic. The graduate of this program receives an Associate of Science Degree in Emergency Health Science and is prepared to write the National Certification Examination administered by the National Registry of Emergency Medical Technicians.

The Emergency Health Science Program is committed to the establishment and implementation of an educational program that provides the necessary knowledge, skills, and professional attitudes essential to support the pre-hospital needs of the community. The program assists the student in becoming aware of his abilities and scope of practice while fostering the ideas of compassionate, ethical, and professional emergency medical care. The program provides the basis, through its curriculum, for the student to further his/her education while continually promoting the idea of life-long learning.

The Full-time Faculty

C. Cramer, Director; Dr. R. Adi, M.D., Medical Advisor.

Objectives

Upon completion of the program, the graduate will be prepared to:

1. Comprehend, apply, analyze, and evaluate information that is relevant to their role as an entry level EMT-Paramedic;
2. Demonstrate proficiency in all skills associated with that of an entry level EMT-Paramedic;

3. Practice within the ethical and legal boundaries set forth by state and local agencies and within the defined scope of practice of the EMT-Paramedic;
4. Demonstrate personal behaviors consistent with those expected by the profession and the community;
5. Accept responsibility for professional and personal growth through continuing education and re-examination of skills proficiency;
6. Communicate effectively with patients, family, and others in the health care community to improve overall patient care;
7. Demonstrate a commitment to excellence in health care by taking an active role in community and professional organizations relevant to the EMT-Paramedic.

Admission Requirements

The applicant must meet the following requirements for admission to the Emergency Health Science Associate of Science Degree Program (EHS):

1. Completion of EMHS 101 and the pre-requisite arts and sciences courses with a grade of C or better (see curriculum plan).
2. Current National Registry EMT-Basic Certification.
3. Current CPR-Health Provider certification.
4. Minimum 18 years of age.

Note: See OLOLC Admission for minimum admission requirements

Admission Process

Entrance into the clinical programs at Our Lady of the Lake College is highly competitive, and the requirements of the courses are very demanding. The arts and sciences courses in the curricula provide a foundation and indicate the applicant's potential for success in the clinical program. Priority is given to applicants who have completed the arts and sciences courses at a level which indicates potential for success in the program and who have provided evidence of understanding the demands of the profession. Applicants who meet the admission requirements and whose applications receive priority will be required to take a diagnostic admission test. The test is administered prior to the selection for interview and the results will be used as a part of the final admission process. The admission process for each clinical program is documented and available in the admission application packet.

Curriculum Plan

ARTS AND SCIENCES COURSES		CREDIT
ACSM 100	Academic Seminar	1
BIOL 100	Medical Terminology	1
BIOL 210	Human Anatomy and Physiology I	3
BIOL 211	Human Anatomy and Physiology II	3
BIOL 280	Fundamentals of Microbiology	3
ENGL 100	English I	3
MATH 112	College Algebra	3
PHIL 270 or 272	Current Moral Problems of Ethical Issues in Health Care	3
PSYC 100	Introductory Psychology	3
PSYC 230	Psychology Across the Lifespan	3
*Approved Electives	MGMT 210 CSCI 100	6
	CHEM 101 BIOL 212 & 213	
PROFESSIONAL SEQUENCE COURSES		CREDIT
EMHS 100	Basic Emergency Medical Care <i>(EMHS 101 must be completed prior to admission to the Professional Sequence Courses)</i>	5
EMHS 104	Advanced Paramedic Skills	2
EMHS 108	Introduction to Advanced Emergency Care	2
EMHS 110	Emergency Pharmacology	3
EMHS 200	Cardiac-Pulmonary Emergency	4
EMHS 202	Care of Trauma Patients	4
EMHS 204	Medical Emergencies	4
EMHS 206	O.B./Pediatric Emergency	2
EMHS 208	Advanced Clinicals	3
EMHS 210	Patient Care Internship	8
EMHS 219	EMS Operations	3
EMHS 220	Paramedic Special Skills	3

Arts and Sciences Courses	32 credit hours
EMHS Courses	<u>+43 credit hours</u>
Total Hours for Associate of Science Degree	75 credit hours

**Must consult Program Director for specific requirements.
ACSM may be waived (See OLOLC Policy)*

All arts and sciences courses and EMHS 101 must be completed prior to admission to the clinical sequence of the Emergency Health Science Associate of Science Degree Program (see ADMISSION). Some of the arts and sciences courses have pre- or co-requisite requirements. Students interested in enrolling in these courses are advised to have a strong high school background in English, algebra, biology, chemistry and physics.

Interested persons with paramedic certification should contact the College regarding admission and curriculum requirements. EMHS 216, Paramedic Transition, is required for all currently certified paramedics who wish to enter the program.

Requirements for Graduation

The Associate of Science Degree in Emergency Health Science is conferred upon students when the following conditions have been met in addition to the General Requirements for Graduation::

1. Completion of seventy-five (75) semester credit hours in the required courses; completion of the professional courses within two (2) years.
2. Achievement of a cumulative grade point average of 2.0 or higher on all college work with grades of C or above in all courses leading to the Associate of Science Degree in Emergency Health Sciences.
3. Completion of all required standardized achievement examinations.

NOTE: See OLOLC General Requirements for Graduation.

Licensure

Upon completion of the program the graduate is eligible to take the National Registry of Emergency Medical Technicians Paramedic Examination. The examination is designed to test knowledge, skills, and abilities essential to the safe and effective practice of the Paramedic at the entry level. Upon successful completion of both the Practical and Written components of the examination, the graduate becomes nationally registered and certified as an Emergency Medical Technician-Paramedic and may now apply to the Louisiana State Board of Medical Examiners for certification to practice at the Paramedic level in the State of Louisiana. The use of a national certification examination facilitates certification by reciprocity from one state to another.

Each graduate must apply to the Louisiana State Department of Health and Human Resources, Office of Public Health, Bureau of Emergency Medical Services for certification. It is the State Bureau of Emergency Medical Services that authorizes candidates to take the National Registry-Paramedic examination. Approval of

the application for certification by the State Bureau of Emergency Medical Services, proof of current health care provider level CPR, and signature of the program Medical Director are required before permission to take the National Registry-Paramedic Examination is given and a confirmation letter is sent by the State Bureau of Emergency Medical Services.

Practice as a Paramedic is not authorized until receipt of the examination results from the National Registry of Emergency Medical Technicians indicating successful completion of both the written and practical examinations. Once the course is completed, candidates must practice pre-hospital care at the level of current National Registry certification while awaiting National Registry Paramedic examination results.

Upon application to take the National Registry Paramedic examination, persons who have been convicted of a felony must provide documentation to the State Bureau of Emergency Medical Services and National Registry of Emergency Medical Technicians that all obligations to society have been met. Questions regarding eligibility to take the examination should be directed to the National Registry of Emergency Medical Technicians in writing with documentation which describes fully the offense, date of the offense, copies of relevant court documents, disposition and current status. The National Registry of Emergency Medical Technicians reserves the right to disapprove the taking of the National Registry-Paramedic examination to persons having been convicted of a felony.

The Associate of Science Degree in Physical Therapist Assisting

The Physical Therapist Assisting Associate of Science Degree Program at Our Lady of the Lake College has been granted Initial Accreditation status by the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association (1111 North Fairfax Street, Alexandria, VA 22314 (703) 706-3245).

Purpose

The purpose of the Physical Therapist Assisting Program is to prepare Physical Therapist Assistants with necessary knowledge, skill and entry level competencies to meet the health care needs of the community with compassion, understanding, dignity and respect.

The Associate of Science Degree program provides a solid foundation for the student to achieve academic and clinical skills that lead to personal and professional success. It provides the identification of individual learning styles and development of skills in the areas of physical therapy treatments, ethics, verbal (oral and written), and non-verbal communication and management.

It supports the development of life-long learning and strives to provide opportunity for on-going personal and professional growth.

The Full-Time Faculty

K. Krieg, Director and Assistant Professor; L. Geheber, Academic Coordinator of Clinical Education and Instructor.

Objectives

The goals of the physical therapist assisting program reflect the philosophy of the College and the philosophy of the program. They are designed to encompass the educational outcomes, the program objectives and curriculum content and needs of the health care community. The Physical Therapist Assisting program is committed to students who, upon completion of the program, are able to:

1. Contribute to the provision of health care in the community by serving as a member of the health care team which is prepared to address the needs of individuals in all phases of health care;
2. Serve the needs of all patients with dignity, compassion, respect and understanding, while striving to maintain effective cost control methods in the provision of those services;
3. Implement treatment programs designed by the physical therapist in a safe, efficient manner;
4. Communicate written, spoken and non-verbal language effectively with patients, their families, other health care providers and the community;
5. Integrate theory and technical skills in the practice of physical therapy within the scope of the physical therapist assistant practice for the benefit of the patient, the profession and the community;
6. Adapt to the ever changing health care environment remaining mindful of their responsibility to the patient, the profession and the community;
7. Pursue the commitment of life-long learning and professional and personal growth.

Admission Requirements

The applicant must meet the following requirements for admission to the Physical Therapist Assisting Associate of Science Degree Program (PTA):

1. Completion of the arts and sciences courses required for the Physical Therapist Assisting Program with a grade of 2.75 or better (see curriculum plan). Prerequisite GPA must be 2.75 at the time of application.
2. Completion of a minimum 100 hours of volunteer or work experience in two or more different physical therapy settings at the time of application.

Note: See OLOLC Admission Policy for minimum admission requirements.

Admission Process

Entrance into the clinical programs at Our Lady of the Lake College is highly competitive, and the requirements of the courses are very demanding. The arts and sciences courses in the curricula provide a foundation and indicate the applicant's potential for success in the clinical program. Priority is given to applicants who have

completed the arts and sciences courses at a level which indicates potential for success in the program and who have provided evidence of understanding the demands of the profession. Applicants who meet the admission requirements and whose application receives priority may be required to take the Health Occupations Aptitude Examination. This test is used to determine academic and science aptitude. The test is administered prior to the selection for interview and the results will be used as a part of the final admission process. The admission process for each clinical program is documented and available in the admission application packet.

Curriculum Plan

ARTS AND SCIENCES COURSES		CREDIT
ACSM 100	Academic Seminar	1
BIOL 100	Medical Terminology	1
BIOL 210	Human Anatomy and Physiology I	3
BIOL 212	BIOL 210 Laboratory	1
BIOL 211	Human Anatomy and Physiology II	3
BIOL 213	BIOL 211 Laboratory	1
CSCI 100	Introduction to Computers	1
ENGL 101	English I	3
ENGL 102	English II	3
MATH 112	College Algebra	3
PHIL 270 or 272	Current Moral Problems or Ethical Issues in Health Care	3
PHSC 100	Physical Science	3
PSYC 100	Introductory Psychology	3
PTAP 100	Introduction to Patient Care	1
Science Elective	From a list of Approved Courses	3
PROFESSIONAL SEQUENCE COURSES		CREDIT
PTAP 200	Introduction to Physical Therapy	2
PTAP 210	Functional Anatomy and Kinesiology	3
PTAP 212	Clinical Science I	2
PTAP 221	Clinical Science II	3
PTAP 222	Clinical Science III	4
PTAP 224	Neuromusculoskeletal Dysfunction	3
PTAP 225	Neuroscience of Rehabilitation	1
PTAP 226	Human Development	1

PTAP 228	Clinical Education I	4
PTAP 231	Clinical Science IV	2
PTAP 236	Physical Therapy Seminar	2
PTAP 239	Clinical Education II	10

Arts and Sciences Courses	34 -35 credit hours
PTAP Courses	<u>+37 credit hours</u>
Total Hours for Associate of Science Degree	71-72 credit hours

ACSM may be waived (see OLOLC policy)

All arts and sciences courses and PTAP 100 must be completed prior to admission to the clinical sequence of the Physical Therapist Assisting Associate of Science Degree Program (see Admission). Some of the arts and sciences courses have pre- or co-requisite requirements. Students interested in enrolling in these courses are advised to have a strong high school background in English, algebra, biology, chemistry and physics.

Requirements for Graduation

The Associate of Science Degree in Physical Therapist Assisting is conferred upon students when the following conditions have been met:

1. Completion of seventy-two (72) semester credit hours in the required courses; completion of the clinical courses within two years.
2. Achievement of a cumulative grade point average of 2.0 or higher on all college work, with grades of C or above in all courses leading to the Associate of Science Degree in Physical Therapist Assisting.

NOTE: See OLOLC General Requirements for Graduation.

Licensure

Following graduation from an accredited school of Physical Therapist Assisting, successful performance on the Board of Physical Therapy Examiners Licensure Examination is required to practice as a Physical Therapist Assistant. The Louisiana State Board of Physical Therapy Examiners has identified conditions which may preclude an applicant from writing the licensing examination. Applicants are required to respond to the following questions in their application for licensure:

- Have you ever been convicted of any violation of law other than minor traffic violations? (Conviction includes a finding or verdict of guilty or an admission of guilt, or a plea of nolo contendere)
- Have you ever been convicted of violating any state or federal narcotics laws?
- Have you ever applied for licensure in another state and been rejected?

The Louisiana State Board of Physical Therapy Examiners will review each applicant for licensure and determine eligibility. New graduates may receive a temporary license to practice physical therapy assisting by the Louisiana State Board of Physical Therapy Examiners for a period of 90 days pending receipt of passing scores on the licensure examination.

The Associate of Science Degree In Radiologic Technology

The Radiologic Technology Program is accredited by the Joint Review Committee on Education in Radiologic Technology (20 N. Wacker Drive, Suite 900, Chicago, IL 60606-2901, 312-704-5300), and holds full approval from the Louisiana State Radiologic Technology Board of Examiners.

Purpose

The purpose of the Radiologic Technology program is to prepare graduates who are competent in the art and science of radiography. The graduate of this program receives an Associate of Science Degree in Radiologic Technology and is prepared to write the National Certification Examination administered by the American Registry of Radiologic Technologists.

The primary responsibility of the program is to guide students in achieving educational goals. A comprehensive curriculum is provided that consists of a broad base of knowledge and diverse clinical experiences. The curriculum provides opportunities for students to develop skills in conceptual understanding, analytical judgment, critical thinking, and the ability to problem solve in the performance of radiologic procedures. Students are encouraged to identify individual learning styles and develop study methods that permit the acquisition and retention of knowledge and concepts. Principles of ethics are demonstrated that build character and professional attributes. Clinical skills are developed that instill appropriate attitudes and foster affective growth in providing care and responding to patients needs during imaging procedures.

The Full-time Faculty

D. Gallerson, Director and Associate Professor; G. Beadle, Instructor; D. Phillips, Instructor; R. McReynolds, M.D., Medical Advisor.

Objectives

Upon completion of the program, the graduate will be able to:

1. Apply the knowledge of imaging principles and concepts to produce diagnostic radiographs;

2. Apply basic knowledge acquired in the biological, physical, and behavioral sciences, math, and liberal arts to the practice of radiologic technology;
3. Provide patient care and management skills during radiologic services;
4. Provide patient education and family education regarding preparation, expectations and post-procedural care, as well as other education related to the types of examinations performed on patients;
5. Utilize problem solving, critical thinking, decision-making, and communication skills in the performance of medical imaging procedures;
6. Competently perform a full range of radiologic procedures on patients as an entry-level practitioner;
7. Practice within the profession's legal and ethical boundaries to meet the health care needs of patients;
8. Accept responsibility for continuing the process of professional and personal growth.

Admission Requirements

All applicants desiring admission to the Radiologic Technology Program must meet the following minimum requirements:

1. Minimum age of 18.
2. Achievement of a minimum grade of C or 80% in high school level algebra, biology and physics courses or their equivalents.
3. Achievement of a 2.0 or better cumulative grade point average on all college work attempted.
4. Completion of the following volunteer/work experience in radiology settings:
(a) a minimum of 8 hours in an outpatient/imaging clinic; (b) a minimum of 12 in a hospital.
(Suggestion: Contact the Volunteer Services Dept. at OLOLRMC to sign up for volunteer service hours).

Admission Process

Entrance into the clinical programs at Our Lady of the Lake College is highly competitive, and the requirements of the courses are very demanding. The arts and

sciences courses in the curricula provide a foundation and indicate the applicant's potential for success in the clinical program.

Priority is given to applicants who have completed the arts and sciences courses at a level which indicates potential for success in the program and who have provided evidence of understanding the demands of the profession. Applicants who meet the admission requirements and whose application receives priority will be required to take a diagnostic admission test. This test is used to determine the applicant's math skills and reading comprehension. The test is administered prior to the selection for interview and the results will be used as a part of the final admission process. The admission process for each clinical program is documented and available in the admission application packet.

Individuals with prior education in a Radiologic Technology program may contact the College for information concerning policies for admission with advanced standing and transfer of course work.

Curriculum Plan

LEVEL I	CREDITS
Semester I	
RADT 101 Introduction to Radiology	3
RADT 111 Image Production I	3
RADT 141 Radiographic Practicum	5
ACSM 100 Academic Seminar	1
BIOL 210 Human Anatomy and Physiology I	3
MATH 112 College Algebra	3
Semester II	
RADT 110 Radiographic Procedures	3
RADT 112 Image Production II	3
RADT 142 Radiographic Practicum	6
BIOL 100 Medical Terminology	1
BIOL 211 Human Anatomy and Physiology II	3
ENGL 101 English I	3
Summer	
RADT 123 Radiation Protection/Radiobiology	2
RADT 143 Radiographic Practicum	3
PHSC 100 Introductory to Physical Science	3

ACSM may be waived (see OLOLC Policy)

LEVEL II		CREDITS
Semester III		
RADT 214	Specialized Imaging Technology	3
RADT 220	Advanced Radiographic Procedures	3
RADT 241	Radiographic Practicum	6
PSYC 100	Introductory Psychology	3
Semester IV		
RADT 230	Radiographic Pathology	2
RADT 232	Senior Seminar	2
RADT 242	Radiographic Practicum	8
PHIL 270 or 272	Current Moral Problems or Ethical Issues in Health Care	3

Arts and Sciences Courses	23 credit hours
RADT Courses	<u>+52 credit hours</u>
Total Hours for Associate of Science Degree	75 credit hours

All of the arts and sciences courses listed in the curriculum plan may be taken prior to admission to the Radiologic Technology Program. Some of the arts and sciences courses have pre- or co-requisite requirements (see course descriptions). Students interested in enrolling in these courses are advised to have a strong high school background in English, algebra, biology, chemistry and physics. Arts and Sciences and Radiologic Technology course requirements for Level I must be completed prior to advancing to Level II. Time limits may apply for some courses.

Requirements for Graduation

The Associate of Science Degree in Radiologic Technology is conferred upon students when the following conditions have been met:

1. Completion of seventy-five (75) semester credit hours in the required courses, completion of the Radiologic Technology courses within 3 years.
2. A cumulative grade point average of 2.0 or higher on all college work and completion of all Radiologic Technology courses with a grade of C or above.
3. Completion of all required standardized achievement examinations.

Certification

Students completing all academic degree requirements of the program are eligible for certification by computer examination by the American Registry of Radiologic Technologists (ARRT). Graduates must comply with the “Rules of Ethics” and educational requirements of the ARRT. Candidates who violate the “Rules of Ethics” such as the conviction of a crime (gross misdemeanor or felony), must provide the ARRT with a written explanation, including court documentation of the charges, with the application for examination. Individuals who are not yet enrolled in the Radiologic Technology Program may submit a pre-application request form to the ARRT anytime either before or after enrollment to review the impact of violations on their eligibility for certification. Pre-radiologic students must contact the ARRT directly to request the pre-application form. Applications and procedures for computer-based administration of the examination are provided to graduation candidates by the Director during January of the final semester. Students completing the program in May who meet eligibility requirements should submit the ARRT examination application at least 3 months before graduation (allow up to six or seven weeks for processing). It is the student’s responsibility to complete the application process. The completed application must be signed by the Program Director before it can be submitted to the ARRT. The appropriate fee must be submitted with the application.

NOTE: Applicants for ARRT certification by computer examination should assure that their testing date at the appropriate Test Center and receipt of examination results occurs prior to expiration of their temporary LA license permit.

Licensure

The Medical Radiation Health and Safety Act No. 485 requires that all persons in hospitals/clinics using radioactive materials or equipment emitting or detecting ionizing radiation on humans for diagnostic or therapeutic purposes to be licensed by the State of Louisiana. Students enrolled in and attending a board-approved school of Radiologic Technology who apply ionizing radiation to humans for necessary diagnostic or therapeutic purposes while under the supervision of a licensed practitioner or licensed Radiologic Technologist at the approved clinical affiliate of the sponsoring institution are exempt from the licensure requirements. Students are exempt only for the supervised clinical assignments required by the program.

Graduates of the program who are seeking employment in hospitals or clinics in Louisiana but awaiting first ARRT examination results must make application to the appropriate State Board for a license and a temporary permit and submit appropriate fees. The temporary permit is good for 90 days. The applications are provided by the Director during January of the final semester. It is the student’s responsibility to complete the application process, obtain the Director’s signature, and submit the application with appropriate fees. Results of the ARRT examination are required for Louisiana licensing. Therefore, graduates must allow the

ARRT to release their examination results to the Licensure Board. Failure to do so will result in revocation of the temporary license permit which cannot be renewed and may result in a loss of work in a hospital.

The Associate of Science Degree In Respiratory Therapy

Purpose

The purpose of the Associate of Science degree in Respiratory Therapy is to prepare students to function as competent Licensed Certified Respiratory Therapists. Graduates of this program will be eligible to take the entry-level national board examinations leading to the credential of Certified Respiratory Therapist (CRT). Graduates will also be eligible to apply for a license to practice Respiratory Therapy in the State of Louisiana.

The Full-time Faculty

The faculty of the Respiratory Therapy program will include a full-time Program Director and a full-time Director of Clinical Education. Specialists in the Cardiopulmonary Sciences from LSU Health Sciences Center in New Orleans will provide additional support for the program in both didactic and clinical courses.

Enrollment

Students applying for admission to the Respiratory Therapy program must complete 30 credit hours of prerequisite courses in the humanities, the social sciences, and basic sciences of biology, chemistry, physics, and microbiology. A maximum of 15 students will be accepted per year. Minimum G.P.A. for admission to RESP Care Program is 2.5 in pre-requisite courses and an overall GPA of 2.5 is required for admission.

Admission Process

The Respiratory Therapy Program at Our Lady of the Lake College is a consortium program with the Department of Cardiopulmonary Science of the LSU Health Sciences Center. The clinical year of the program has a maximum enrollment of 15 students. Graduates of this program will achieve an Associate of Science degree from Our Lady of the Lake College and will be eligible to take a national voluntary examination (Entry Level Examination), which leads to the credential Certified Respiratory Therapist (CRT).

Students who have completed all prerequisite courses as described in this section of the catalog or who are in their last semester of prerequisite coursework may complete an application for admission to the clinical year of the Respiratory Therapy program. Applications are accepted at any time. The deadline for submitting an application is **June 1** of the year preceding the clinical year. Preference will be given to OLOL College students who have completed all prerequisite courses. Students who will not have met all prerequisites may submit an application, however such applications will be considered in light of the number of qualified applicants and the specific outstanding prerequisite courses. Completion of the entire two-year curriculum is required for the Associate of Science degree. This degree program involves

courses in the humanities, the social sciences, as well as courses in the basic and clinical sciences. Preparation for clinical education involves didactic coursework in physics, mathematics, microbiology, anatomy and physiology, and chemistry. Clinical courses focus on the application of respiratory therapy in general medical and surgical care, neonatal, pediatric, and adult critical care, home care, cardiopulmonary diagnostic tests, and cardiopulmonary rehabilitation. Students will obtain valuable clinical experiences through Our Lady of the Lake Regional Medical Center, as well as a number of hospitals and clinics throughout the Greater Baton Rouge Metropolitan area.

Length of Program

The program is designed so students can complete all of the prerequisite and professional courses within a 2 year period. Prerequisite courses constitute 30 credit hours and the professional portion of the curriculum makes up 40 credit hours, for a total of 70 credit hours. The prerequisite portion of the program is composed of lecture/laboratory educational experiences whereas the professional courses involve lecture/laboratory coursework and clinical experiences at various clinical sites in the metropolitan Baton Rouge area. Professional courses will focus on preparing students to provide respiratory care services in general and critical care, as well as in the long-term care environment.

Curriculum Plan

PREREQUISITE COURSES		CREDITS
ACSM 100	Academic Seminar	1
ENGL 101	English I	3
MATH 112	College Algebra	3
CHEM 101	Chemistry	3
PSYC 100	Introductory Psychology	3
CSCI 100	Introduction to Computers	3
BIOL 100	Medical Terminology	1
BIOL 210	Human Anatomy/Physiology I	3
BIOL 211	Human Anatomy/Physiology II	3
BIOL 280	Microbiology	3
BIOL 281	Microbiology Lab	1
PHSC 100	Physical Science	3
Subtotal		30
Spring		
RESP 207	Cardiopulmonary Pharmacology	3
RESP 210	Respiratory Therapy Fundamentals	4
RESP 211	Clinical Applications and Procedures I	5
RESP 212	Cardiopulmonary Anatomy and Physiology	3
RESP 213	Professional Directions	1
Subtotal		16
Summer		
RESP 220	Critical Care Concepts I	2
RESP 221	Clinical Applications and Procedures II	5
RESP 222	Cardiopulmonary Pathophysiology	2
Subtotal		9
Fall		
RESP 230	Critical Care Concepts II	2
RESP 231	Clinical Applications and Procedures III	5
RESP 232	Neonatology and Pediatrics	2
RESP 233	Cardiopulmonary Rehabilitation and Long Term Care	3
RESP 234	Pulmonary Diagnostic Tests	2
RESP 235	Cardiopulmonary Resuscitation and Advanced Cardiac Life Support	1
Subtotal		15

ACSM 100 may be waived (see OLOLC Policy)

The Associate of Science Degree in The Surgical Technology

The Surgical Technology Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) (7108 South Alton Way, Building C, Englewood, CO 80112 (303) 694-9262).

The Surgical Technology programs will provide the students with integrated learning and experience in the theory and clinical practice of Surgical Technology. The Associate of Science Degree program builds upon the fundamental theoretical concepts and skills presented in the Certificate program, and offers the Surgical Technologist an opportunity to develop their personal and professional growth. The program is designed to enable the student to provide the high standards of care consistent with the mission of Our Lady of the Lake College.

The Full-time Faculty

Brien McGlynn, Director; A. Lauret, Instructor; A. Hirsch, M.D., Medical Advisor.

Purpose

The purpose of this program is to provide the student with the knowledge and skills needed to function within the emerging roles of the Surgical Technologist. These roles include First Assistant and Circulator. The Arts and Sciences component will provide the student with a foundation for intellectual growth and life-long learning.

The program will foster personal as well as professional growth, by utilizing teaching methods that will encourage critical thinking and independent study. The student will also develop advanced techniques and skills utilized by the Surgical Technologist in the perioperative setting.

Objectives

Upon completion of the program the graduate will:

1. Utilize spiritual, cultural, and developmental concepts in the role of the surgical technologist;

2. Apply knowledge from biopsychological science and advanced concepts of surgical technology in performing the roles of the surgical technologist;
3. Demonstrate psychomotor competencies in performing the various skills required for the expanded role of the surgical technologist;
4. Utilize critical thinking skills in the delivery of perioperative care as the surgical technologist;
5. Communicate effectively with clients, families and significant others, and members of the surgical team;
6. Incorporate management skills in the delivery of care in the operating room and selected settings;
7. Practice within the legal and ethical boundaries of the role of the surgical technologist;
8. Accept responsibility for continuing the process of professional and personal growth.

Admission Requirements

The applicant must meet the minimum requirements for admission to the Surgical Technology Certificate Program. These are:

1. Achievement of a cumulative grade point average of 2.0 or better in all college work attempted.
2. Achievement of a minimum grade of C or 80% in high school level algebra and biology.

Additional Admission Requirements for the Associate of Science Degree:

1. Completion of the foundation courses with a grade of C or better. These are English I and College Algebra.
2. Completion of all Certificate level courses with a grade of C or better. See curriculum.
3. Current Surgical Technology certification.
4. Graduation from a Surgical Technology Certificate program at a professionally

accredited institution or a minimum of 2080 clock hours (260 days/52 weeks) work experience within the past two years. Students who did not graduate from a professionally accredited program will be required to successfully demonstrate skills and knowledge proficiency.

Admission Process

Entrance into the program is competitive, and the requirements of the courses are very demanding. The arts and sciences courses in the curriculum provide a foundation and indicate the applicant's potential for success in the clinical program. Priority is given to applicants who have completed the arts and sciences courses at a level which indicates potential for success in the program and who have provided evidence of understanding the demands of the profession. Applicants who meet the admission requirements and whose application receives priority will be required to take a diagnostic admission test. This test is used to determine the applicant's math skills and reading comprehension. The test is administered prior to the selection for interview and the results will be used as a part of the final admission process. The admission process for each clinical program is documented and available in the admission application packet.

Curriculum Plan

SURGICAL TECHNOLOGY COURSES		CREDITS
<u>SEMESTER I</u>	<u>FALL</u>	
ACSM 100	Academic Seminar	1
BIOL 210	Human Anatomy/Physiology I	3
BIOL 212	Human Anatomy/Physiology I Lab	1
ENGL 101	English I	3
SURT 110	Fundamentals of Surgical Technology	6
<u>SEMESTER II</u>	<u>SPRING</u>	
BIOL 100	Medical Terminology	1
MATH 112	College Algebra	3
BIOL 211	Human Anatomy/Physiology II	3
BIOL 213	Human Anatomy/Physiology II Lab	1
SURT 120	Surgical Procedures I	6
<u>SEMESTER III</u>	<u>SUMMER</u>	
BIOL 280	Fundamentals of Microbiology	3
BIOL 281	Fundamentals of Microbiology Lab	1
SURT 130	Surgical Procedures II	6

<u>SEMESTER IV</u>	<u>FALL</u>	
PSYC 100	Introductory Psychology	3
PHIL 270 or 272	Current Moral Problems or Ethical Issues in Health Care	3
SURT 210	Surgical Procedures Practicum I	11
<u>SEMESTER V</u>	<u>SPRING</u>	
SPCH 100	Fundamentals of Speech	3
SURT 230	Surgical Procedures Practicum II	11

Arts and Sciences Courses	29 credit hours
Associate Degree SURT-Courses	<u>+40 credit hours</u>
Total Hours required for Associate of Science Degree Program	69 credit hours

All arts and sciences courses may be completed prior to admission to the Program. Some of the arts and sciences courses have pre- or co-requisite requirements. Students enrolling in these courses are advised to have a strong high school background in English, algebra, biology, chemistry, and physics. All Certificate and Foundation courses must be completed prior to advancing to the Associate of Science Degree courses. Students entering the degree program with current Surgical Technology certification who are not graduates of a professionally accredited institution may be awarded advanced placement for SURT 101,102 and 103 upon adequate demonstration of skills and knowledge proficiency.

Requirements for Graduation

The Associate of Science in Surgical Technology is conferred upon students when the following conditions have been met in addition to the General Requirements for Graduation:

1. Completion of sixty-nine (69) semester credit hours in the required courses; completion of the Surgical Technology courses within five (5) years.
2. Achievement of a cumulative grade point average of 2.0 or higher on all college work with grades of C or above in all courses leading to the Associate of Science Degree.

NOTE: See OLOLC General Requirements for Graduation.

Associate of Science Degree Completion Program Surgical Technology

Purpose

The purpose of this course is to assess the student's professional growth and development since completion of the OLOL Surgical Technology Certificate Program and provide extensive documentation of that experience. The purpose of the program is to provide a curriculum leading to the completion of the A.S. in Surgical Technology for students already holding the Certified Surgical Technologist credential. The program is accepting some students who have completed the Certificate in Surgical Technology.

Objectives

1. Compile a complete and comprehensive document detailing professional experience since the time of certificate achievement.
2. Provide detailed chronology of continuing education outside of the field of surgical practice.
3. Provide detailed chronology of continuing education outside of the field of surgical technology.
4. Document completion of national certification from the LCCST.
5. Demonstrate acceptance and recommendation form senior surgical professionals.
6. Outline involvement with professional and community organizations with related outcomes of individual participation.
7. Provide any contributions related to healthcare in the form of publications, presentations.

Program Requirements:

1. Completion of the OLOL Certificate in Surgical technology certificate program (41 credits).
2. Achievement of the Certified Surgical Technologist designation.

BACHELOR OF SCIENCE IN HEALTH SCIENCES

Purpose

The purpose of the Bachelor of Science degree in Health Sciences is to allow students who have received an associate degree in a health care program to obtain a baccalaureate degree. All of the course work finished in the associate degree program counts toward the baccalaureate degree regardless of the clinical program completed.

Enrollment

Students who have completed an Associate of Science degree in a allied health field from a regionally accredited post secondary institution are qualified for enrollment in the Bachelor of Health Sciences degree program.

Length of Program

The length of the program depends on the number of credit hours that the student earned at the associate degree level. Depending on the associate degree completed, the student will be awarded up to 72 credits for the associate degree.

Requirements for BS Degree in Health Sciences

1. Association of Science degree in nursing or an allied health field from a regionally accredited post secondary institution.
2. Completion of all core courses including (34 hours):

COURSES		CREDITS
ACSM 100	Academic Seminar	1
ENGL 101	English I	3
MATH 112	College Algebra	3
BIOL 210	Human Anatomy and Physiology I	3
BIOL 211	Human Anatomy and Physiology II	3
PSYC 100	Introductory Psychology	3
PHIL 270/272	Current Moral Problems/ Ethical Issues in Health Care	3
ENGL 102	English II	3
MATH 252	General Statistics	3
CSCI 100	Introduction to Computers	3
HIST	History Course	3
ART/MUS	A fine arts course	3

3. Minimum of 120 total credit hours including:
 - 15 hours of 300 or higher level courses in Arts and Sciences
 - 12 hours of science + lab series courses
 - 6-14 hours of electives
4. Last 30 hours of credit completed at OLOL College.

ACSM may be waived (See OLOLC Policy)

BACHELOR OF SCIENCE IN HEALTH SERVICE ADMINISTRATION

Purpose

The curriculum is designed to prepare students for rewarding careers as health care administrators in a variety of settings. This program is intended for students who plan to seek careers in inpatient, ambulatory, and other health care settings. Upon completion of the program, students will be able to be productive in areas such as acute care and psychiatric hospitals, primary care facilities, medical group practices, long term care facilities, public health organizations, health insurance companies, alternative delivery organizations, federal, state, and local agencies and other health-related organizations.

Enrollment

Students can be accepted into the program at the beginning of any term. Students may enroll on full-time or part-time basis. Entering freshman, transfer students, and students already holding an associate degree may begin the program.

Length of Program

The major consists of 39 or 42 credits, depending upon whether the student has previous clinical coursework. The degree is 120 credits, including up to 75 credits for an earned associate degree in a clinical area, general education, and elective credits.

Requirements for Clinical Track

1. Completion of an Associate of Science in nursing or an allied health field from a regionally accredited school.
2. Completion of the following core courses.

COURSES		CREDIT HOURS
ACSM 100	Academic Seminar	1
ENGL 101	English I	3
MATH 112	College Algebra	3
BIOL 210	Human Anatomy and Physiology I	3
BIOL 211	Human Anatomy and Physiology II	3
PSYC 100	Introductory Psychology	3
PHIL 270/272	Current Moral Problems/ Ethical Issues in Health Care	3

ENGL 102	English II	3
MATH 252	General Statistics	3
CSCI 100	Introduction to Computers	3

Requirements for Non-Clinical Track

1. Completion of the following core courses

COURSES		CREDIT HOURS
ACSM 101	Academic Seminar	1
ENGL 101	English I	3
ENGL 102	English II	3
ENGL 311	Technical Writing	3
MATH 112	College Algebra	3
MATH 252	General Statistics	3
BIOL 100	Medical Terminology	1
BIOL 101	General Biology I	3
BIOL 102	General Biology I Lab	1
CHEM 100/CHEM 101/ PHSC 100	Chemistry, Chemistry Lab, Physical Science	3
PSYC 100	Introductory Psychology	3
PSYC 230	Psychology Across the Life Span	3
SOCL 100	Introductory Sociology	3
SOCL 374	Dying and Death	3
SPCH 100	Fundamentals of Speech	3
HIST 101	World History I	3
PHIL 270 or PHIL 272	Current Moral Problems/ Ethical Issues in Health Care	3
CSCI 100	Introduction to Computers	3
<i>Total</i>		<i>48</i>

2. Major Requirements

COURSES		CREDIT HOURS
HSER 320	Health Care Systems and Trends I	3
HSER 360	Intro to Health Service Administration	3
HSER 380	Accounting for Health Service Management	3
HSER 340	Health Care Systems and Trends II	3
HSER 460	Managerial Epidemiology	3
HSER 410	Health Care Financial Management	3

HSER 430	Health Care Marketing	3
HSER 350	Health Care Economics	3
HSER 440	Legal Aspects of Health Service Administration	3
HSER 480	Health Care Information Systems	3
HSER 420	Managed Care and Insurance	3
HSER 450	Health Policy	3
HSER 470	Seminar in Health Services Administration	3
Total		42

3. General Electives (Academic Credit)

30

Total

120

ACSM may be waived (see OLOLC Policy)

Health Career Institute

Purpose

The Health Career Institute seeks to contribute toward meeting the health care needs of the community by offering planned educational activities designed to update knowledge and skill, prepare the learner to practice in different areas of expertise by learning new skills, and/or promote personal growth/enrichment.

Full-time Faculty

Barbara Bayer, Director, American Heart Association Training Center; Sally Bremer, Director, Continuing Education; Barbara Lankford, Director, Practical Nursing; Cindy Sturgeon, Director, Certified Nursing Assistant; Crystal Brocksmith, Instructor, Practical Nursing

Programs

Professional and Community

Continuing Education prepares a variety of specific programs and educational activities for health care providers. These programs may be designed to award Continuing Education Credits (CEU's) and some courses at the college may be taken for CEU's in place of college credit.

Professional courses offering nursing and other C.E. credit include such topic as:

Basic Dysrhythmia, 12 Lead EKG, Monitor Technician, pediatric assessment, critical care and chemotherapy, oncology nursing review, non-violent crisis prevention intervention and wound and ostomy care.

Yearly symposiums/conferences cover a variety of topics including but not limited to: cardiology, pediatrics, hyperbarics, diabetes and geriatrics.

The Health Career Institute is a Training Center for American Heart Association's Emergency Cardiac Care Programming. This Training Center offers courses in Advanced Cardiac Life Support (ACLS) Pediatric Cardiac Life Support (PALS) Basic Cardiac Life Support (BCLS) to health care professionals and Cardio Pulmonary Resuscitation (CPR) to both the professional and lay population. The Training Center also maintains AHA Instructor lists and is responsible for the quality assurance of courses provided by these instructors at six training sites.

The Career Training division offers a variety of programs to prepare individuals to practice in different areas of expertise. Annual needs assessments are done to identify area shortages in health care job classes and to offer training programs to fill these jobs. Programs are non-credit certificate level programs. These include but are not limited to:

Certified Nurse Assistant Training Program

The Certified Nurse Assistant Training Program is a 300 hour course offered three times a year. It prepares students for employment in long term care facilities, home health agencies and hospitals where basic bedside nursing care is needed. Classroom instruction includes an introduction to health care, basic nursing skills, body structure and function, infection control and the job-seeking process. Students participate in clinical activities under the supervision of the instructor. Upon completion of this program, the student is eligible for certification and registry as a nursing assistant in the state of Louisiana. The program has been approved by the Department of Health and Hospitals.

Phlebotomy Training Program

Phlebotomy Training program includes 75 classroom hours and 120 clinical hours. The program prepares students for employment in agencies where there is a need to obtain blood specimens. At the completion of the program students are eligible to sit for the National Phlebotomy Certification exam.

Calendar

A calendar of offerings is published to provide advance notice of programs. A copy of the calendar or further information about individual programs may be obtained by contacting the Health Career Institute office at 768-1762.

PRACTICAL NURSE PROGRAM (PN)

Diploma – Practical Nursing

The Practical Nursing program consists of four semesters, which include both classroom instruction and supervised clinical activities in accredited hospitals, nursing homes and other health care agencies. The Louisiana State Board of Practical Nurse Examiners (LSBPNE) has approved the Health Career Institute of Our Lady of the Lake College. The curriculum is based upon specific requirements as set forth by LSBPNE. A class is admitted each August.

Purpose

The Practical Nursing program prepares students for employment in health care facilities, agencies, and hospitals where basic bedside nursing care is needed. The Licensed Practical Nurse works under the direction of a licensed physician, optometrist or dentist acting individually or as a part of a health care team under the direction of a registered nurse.

The curriculum has been developed utilizing the nursing process and incorporating the concepts of holistic nursing, hierarchy of needs, stress and adaptation, creative problem-solving and psychosocial development.

Objectives

1. Describe the role of the LPN as specified by the nursing practice act and function within this scope.
2. Integrate spiritual, socioeconomic, developmental concepts and values in providing individualized care for patients, families, and groups experiencing common health problems.
3. Apply knowledge from biopsychosocial and nursing sciences as the basics for beginning practice as a practical nurse.
4. Utilize the specialized knowledge and skills within the framework of the nursing process to meet the health needs of people in a variety of settings under the direction of qualified health professionals.
5. Safeguard the confidential information acquired, from any source about the patient and their family or significant other.

6. Communicate with clients, families, significant others, and other health team members in the delivery of healthcare.
7. Practice within the professions' legal scope and ethical boundaries to meet the healthcare needs of individuals, families and groups in a variety of health care settings
8. Collaborate with other health team members to provide care for individuals in a variety of healthcare settings.
9. Assume responsibility for continuing the life long process of personal, professional, and educational development.
10. Utilize appropriate knowledge, skills and abilities in providing safe, competent care in performing nursing functions.

Curriculum Plan

The curriculum includes the following arts and sciences courses:

ACSM 100	Academic Seminar	1 credit hour
BIOL 210	Anatomy and Physiology I	3 credit hours
BIOL 211	Anatomy and Physiology II	3 credit hours
CHEM 100	Chemistry	3 credit hours
BIOL 235	Nutrition	3 credit hours

These courses may be taken prior to starting the nursing sequence, or may be accepted as transfer credit if it is equivalent to OLOL courses. All course work must be completed with a grade of "C" or better.

This is a 14-month program beginning in August and ending in October the following year. Upon satisfactory completion of the program, the student is prepared to sit for the national licensure exam for Licensed Practical Nursing.

Admission Requirements

1. Completion of an application and payment of \$25 application fee. The application form is available at the OLOL College Administration Building, at Perkins and Silverside.
2. Graduation from high school with a cumulative grade point average of 2.0 (on a 4.0 scale) or better; OR completion of a highschool equivalency diploma (general Education Development-GED) with an average score of 50 or better. Official High School transcripts or Certification of GED is required.
3. Achievement of a minimum ACT composite score of 20.

4. Score of 10.5 in mathematics and 11.0 in reading and language on TABE SURVEY.
5. Provide a certified copy of birth certificate or possess a valid United States passport.

Once accepted into the program, the student must complete the following requirements before the start of the fall semester:

1. Completion of new clinical students health packet. Students will not be allowed to attend class until this requirement is met.
2. Fingerprint and criminal background check by Louisiana State Police. The Louisiana State board of Practical Nurse Examiners reserves the right to deny a student admission to clinical nursing courses based upon results of a preliminary criminal record check. Students will not be allowed to attend class until this requirement is met.
3. Not be currently serving under any court imposed order of supervised probation, work-release or parole in connection with any felony conviction(s), plea agreement or any agreement pursuant to the Louisiana Code of Criminal procedure, Article 893.

Additional Information related to the Admission Process

1. Applications are available at the Administration Building, located at corner of Perkins Road and Silverside Drive, west of Essen Boulevard.
2. A high school transcript can be obtained from your high school. Please contact them to obtain an official transcript and have it sent to OLOL College Admission Office.
3. A GED certificate can be obtained from the school district in which you tested.
4. TABE SURVEY is offered at the Christi McAuliffe Center, 12000 Goodwood Boulevard. The Center is open from 8 am until 8 PM, Monday through Thursday. The cost of the survey is \$10.00, payable by a money order made out to EBRP Cont Ed. This is a timed survey, which generally takes 90 minutes to complete. Additional information about the TABE SURVEY may be obtained by calling 226-7631.
5. A certified copy of a Louisiana birth certificate can be obtained in person at the East Baton Rouge Parish Health Department on Florida Boulevard. You also may submit a written request to Vital Records Registry, P O Box 60630, New Orleans, LA 70160. The fee for each birth certificate is \$15.00; information required is full name, date of birth, name of parents, location of birth.

Your application will be acted upon when all information is received.

Deadline for receipt of completed admission forms and documents is July 15 of each year. Although applications must be received by the deadline, applicants are encouraged to submit their application and all documentation as soon as possible

prior to the deadline to insure ample time for processing. Once all information has been received, students will be notified of their status.

Requirements for Graduation

A diploma for Practical Nursing is given when the following conditions have been met:

1. Completion of minimum of 1683 contact hours of study, with completion of the Nursing courses within four years from the time of first admission.
2. Achievement of a cumulative grade point average of 2.0 or higher on all course work. Completion of all required standardized achievement examinations.
3. Clearance of all indebtedness to the college including the return of all materials borrowed from the Learning Resources Center.
4. Fulfillment of the residency requirements of at least 192 contact hours in the curriculum established for Our Lady of the Lake College.
5. Attendance at Graduation is strongly recommended.

Licensure

Upon completion of the program the graduate is eligible to take the National Council Licensure Examination for Practical Nurses (NCLEX-PN). The examination is designed to test knowledge, skills and abilities essential to the safe and effective practice of Practical Nursing at the entry level. Upon successful completion of this examination, the graduate becomes licensed to legally practice as a Licensed Practical Nurse in the State of Louisiana.

Each graduate must apply to the Louisiana State Board of Practical Nurse Examiners for licensure. The LSBPNE authorizes candidates to take the NCLEX-PN and provides the registration form for the NCLEX. Approval of licensure application by LSBPNE and completion of registration for NCLEX are required before the candidate receives an authorization to test.

The Louisiana State Board of Practical Nurse Examiners reserves the right to disapprove the taking of the National Council Licensure Examination for Practical Nurses (NCLEX-PN) to persons having had disciplinary action, arrest, or impairment.

Applicants for licensure who have had a disciplinary action, arrest, or impairment must provide documentation of the circumstances of the action, arrest or impairment to the Louisiana State Board of Practical Nurses Examiners. Questions regarding eligibility to take the examination should be directed to the Louisiana State Board of Practical Nurse Examiners

Health Career Institute

Practical Nursing Program

			CREDIT HOURS	THEORY HOURS	CLINICAL HOURS	TOTAL
FALL						
ACSM 100		Academic Seminar *	1	15		
BIOL 210		Anatomy and Physiology I *	3	45		
CHEM 100		Introduction to Chemistry *	3	45		
HCLP 100		Fundamentals of PN	5	95	210	
			12	200	210	410
SPRING						
BIOL 211		Anatomy and Physiology II *	3	45		
HCLP 120		Introduction to Pharmacology	1	25	10	
HCLP 122		Medical Surg. Nurs. I	5	110	220	
BIOL 235		Nutrition *	3	45		
			12	225	230	455
MAYMESTER / SUMMER						
HCLP 132		Medical Surg. II	9	145	180	
HCLP 134		Mental & Behavioral Health	2	20	40	
HCLP 136		Pharmacology in Nurs. II	1	45		
			12	210	220	430
FALL						
HCLP 140		Maternal/Newborn Nurs.	2	40	40	
HCLP 142		Pediatrics	2	40	40	
HCLP 144		Nursing Transitions	7	70	128	
HCLP 146		IV Therapy	1	15	15	
			12	165	223	388
TOTAL HOURS			48	800	883	1683

*These Arts and Sciences Courses may be taken prior to gaining admission to the PN Program.
 Note: HCLP courses are awarded non-academic credit, which are not applied towards an Associate's or Baccalaureate's degree at Our Lady of the Lake College.

Academic Policies

Changes of Curricula/or Catalog

Students who interrupt their college work for one calendar year or more or who change their curriculum, will graduate according to the requirements of the catalog in effect at the time of their re-entry or curriculum change. Students who change their major must meet the current requirements, as stated in the catalog, in effect at the time of the change.

Rights Reserved by the College

This catalog presents a description of the programs offered by Our Lady of the Lake College. The provisions herein do not constitute an offer to contract with students enrolled in the college. The college reserves the right to change the information in the catalog without notice.

Students' Rights to Confidentiality

Our Lady of the Lake College is in compliance with the Family Rights and Privacy Act of 1974 (P.L. 93-380) as amended by the P.L. 95-568. Only persons who have a legal right in accordance with the law to access student records will be allowed to review such records. Such records are accessible to certain authorized personnel who may require review and utilization of such records for educational purposes. The student may request in writing the opportunity to review the material or to have transcripts sent to other educational institutions in accordance with regulations governing students' records.

Attendance

For all courses, classroom attendance and clinical laboratory attendance policies will be stipulated by the faculty and will be published in writing at the beginning of the course. Each student is responsible to be aware of and comply with attendance and punctuality requirements.

Student Classification

According to hours enrolled:

Full-time: A student is considered full-time when enrolled for:

1. Nine credit hours in a degree, certificate or articulation program, or
2. Twelve credit hours arts and sciences courses per semester, or
3. Six credit hours arts and sciences courses per summer session.

Part-time: A student is considered part-time when enrolled for:

1. Less than nine credit hours per semester in a degree, certificate or articulation program, or
2. Less than twelve credit hours arts and sciences courses per semester, or
3. Less than six credit hours arts and sciences courses per summer session.

According to hours earned:

Freshman = 0-29 credit hours

Junior = 60-89 credit hours

Sophomore = 30-59 credit hours

Senior = 90+ credit hours

Honor Code and Statement

In keeping with its values of excellence in the education of college students, Our Lady of the Lake College demands academic integrity. The following “Student Honor Code” and “Honor Statement” clarify the student’s responsibility to academic integrity.

The Student Honor Code

We, the student body of Our Lady of the Lake College, embrace the idea that honor is an intangible quality which, if it pervades all phases of campus life, tends to foster a spirit of dignity and personal integrity. Upon enrolling at the college, we become part of the Our Lady of the Lake College Honor System. We realize that honor must be cultivated, that its success depends upon the combined and cooperative efforts of the college’s administration, faculty, staff and students. Inherent in the honor system is the premise that students will not perform or tolerate any violations of the “Regulations Governing Student Behavior” published in the college’s Student Handbook. As responsible members of the Our Lady of the Lake College community, each of us freely accepts and proudly endorses this, our code of honor.

The Honor Statement

“I will not give or receive any unauthorized aid on any examination or paper. In the event that I witness anyone else do so, I will report him/her immediately to the instructor and/or the appropriate division director.”

Grading System

Each instructor has the option of using a grading method within each course that best meets the needs of the subject. However, all grades are translated into the following quality points:

A	=	4	quality points per semester hours
B+	=	3.5	quality points per semester hours
B	=	3	quality points per semester hours
C+	=	2.5	quality points per semester hours
C	=	2	quality points per semester hours
D+	=	1.5	quality points per semester hours
D	=	1	quality points per semester hours
F	=	0	quality points per semester hours
P	=	The student is awarded credit for the course. However, the credits will not be considered in the calculation of the grade point average.	
I	=	Incomplete. (See Incomplete Grade Policy)	
WS	=	Withdrawal from course - satisfactory progress.	
WU	=	Withdrawal from course - unsatisfactory progress.	
AU	=	Audit	

Other symbols utilized on the transcript:

Prior to fall 1997:

* = Repeated course (last grade earned was calculated in the grade point average)

Prior to fall 1994:

T = Transfer credit awarded

X = Grades not used in the calculation of grade point averages

R = Course is a repeat

A final grade report will mailed to all students by the Office of Admissions and Records approximately one week after the last day of final exams for the semester or summer session.

Credit Hour Formula

1 credit hour = a minimum of 12.5 clock hours of lecture

OR

a minimum of 37.5 clock hours of clinical, lab or practicum

Mid-Term Status

The Mid-Term Status process is intended to serve as a catalyst for intrusive and intensive assessment, advising, and counseling for the student who is not demonstrating satisfactory academic progress at mid-term. All students are mailed Mid-Term Status Reports from the Office of Admissions and Records after the 8th week of the semester and the 4th week of the summer session.

Incomplete Grades

Work in which the student can achieve satisfactory progress, but which, because of circumstances beyond the student's control is incomplete, may be marked "I" (incomplete) as the final grade. In such cases, the student must have been attending class on a regular basis.

The instructor or the student may initiate the request to receive an "I" grade. The instructor or student must contact the Office of Admissions and Records to obtain a *Request for an "I" Grade* form. The form must be completed and signed by the student and approved and signed by the instructor. Exceptions to this process must be approved by the Vice President, Academic Services.

The form will contain the student's reasons for requesting an "I," the instructor's explicit outline for resolving the "I," and the deadline by which the "I" grade must be resolved. An "I" grade which has not been resolved by the first day of class of the next semester (including summer and whether or not the student intends to enroll) will be changed automatically to an "F."

The form must then be approved, by signature, by the Director of the academic program in which the student is enrolled. The form must then be submitted to the Office of Admissions and Records.

In extraordinary cases, the Vice President of Academic Affairs, may authorize an extension of time for resolving the grade to be allowed. Such authorization must be approved, by signature, on the *Request for an "I" Grade* form.

When the "I" grade has been resolved, the instructor will notify the Office of Admission and Records to make the necessary grade change.

Audit Policy

Students who do not want to earn college credit may enroll for no credit as an auditor. New students must complete an application for admission and submit all required credentials.

A student who wishes to be admitted to classes as an auditor must also obtain written consent of the Vice President of Academic Affairs, and the instructor of the course. Auditors will not receive credit for courses audited, nor will they be permitted to take advanced-standing examinations on such work, without permission of the Vice President, Academic Affairs. Tuition and fees for auditing a course are the same as for regular enrollment. A grade of "AU" will be posted to the student's academic record at the completion of the semester. Courses previously audited may be taken later for credit.

Change in registration from audit to credit (add) may take place no later than the last date to add. Change in registration from credit to audit (drop) may take place no later than the last date to drop without receiving a W grade. These dates are published in the Academic Calendar. An enrolled student who has been formally admitted to the College or any of its programs (if applicable) may change from audit to credit or credit to audit with permission of the instructor of the course and the student's academic advisor. A student who has never been formally admitted to the college and who initially enrolls for audit may change to credit if they are admissible to the college and applicable programs and with permission of the instructor of the course and the student's academic advisor.

STUDENTS MAY NOT AUDIT THE SAME COURSE MORE THAN ONCE.

Auditors may utilize the Learning Resources Center, receive course handouts and, at the discretion of the instructor, may participate in class discussion and testing and may be allowed to observe and participate in the laboratory setting. Auditors may not participate in the clinical component of a course.

Auditors are required to follow all policies of Our Lady of the Lake College.

The Independent Study Option

The Independent Study Option allows qualified students to complete arts and sciences courses outside the traditional classroom setting and in a one-to-one relationship with the faculty member. This option provides flexibility in meeting student needs (i.e., to solve scheduling problems which would delay the student's graduation). It constitutes an agreement between the student and the instructor. This agreement, which is produced in written form and submitted to the division director for approval, describes how the course requirements are to be met. Avenues leading to this objective include but are not limited to video tapes, computer tutorials, tutoring sessions with the instructor, reading and writing assignment, and oral and written testing.

Some restrictions apply:

1. Not all arts and sciences courses may be taken under this option.
2. The instructor must be a full-time faculty member who has taught the course to be offered.
3. The student must have a GPA of 2.80 or better.
4. Of courses taken under this option, a student may apply a maximum of six hours towards an associate degree.
5. The normal tuition and fees will apply to courses offered under this option.

6. Admittance to an independent study course will be at the discretion of the instructor.
7. A course taken under the Independent Study Option must be completed in the time frame of the semester enrolled.
8. A course offered under this option will be graded using the same letter grades as would be used if the course was offered in the traditional classroom mode.

Non-Matriculating Student Classification

A non-matriculating student is one who is taking courses for credit but is not a candidate for a degree/certificate nor pursuing admission to a degree/certificate program. The student has been formally permitted to take a limited or special selection of courses without regard to requirements for a degree. Students registering in a non-matriculating status are subject to all College regulations governing registration and attendance and student policies in general. Academic status will be determined in courses taken in this classification in accordance with College policy. Courses taken in this status may not necessarily be applied to a degree program. Enrollment as a non-matriculating student is limited to one semester.

Applicants seeking admission as a non-matriculating student must apply in the same manner as applicants seeking regular admission. Applicants must complete an *Application for Admission*. A diploma, transcript, or other appropriate documentation will be accepted as evidence of the applicant's eligibility for admission.

Non-matriculating students who desire to continue taking credit courses must request acceptance as a regular student. Applicants must meet all admission requirements and complete the admission process. Applicability of credit earned through non-matriculating status toward a degree will be determined by the Director of the program with approval of the Vice President, Academic Services.

Grade Point Averages

A student's grade point average is an index of scholastic performance and is computed on the ratio of quality points earned to semester hours attempted. The quality points per course are determined by multiplying the number of semester hours earned (1, 2, 3, etc.) by the number of quality points assigned to the final grade received (A = 4, B+ = 3.5, etc.). The sum of the quality points received for all courses is then divided by the number of semester hours attempted. Credit hours awarded for a P (Pass), WS (Withdrawal—Satisfactory Progress), or WU (Withdrawal—Unsatisfactory Progress), I (Incomplete), or AU (Audit) will not be considered in the calculation of the grade point average.

Semester Grade Point Average: A student's grade point average based on the number of quality points earned and the number of credit hours attempted during a semester at Our Lady of the Lake College.

OLOL College Cumulative Grade Point Average: A student's grade point average based on the total number of quality points earned and the total number of credit hours attempted at Our Lady of the Lake College.

Overall Cumulative Grade Point Average: A student's grade point average based on the total number of quality points earned and the total number of credit hours attempted at Our Lady of the Lake College and all transfer courses.

Graduation Honors Grade Point Average: A student's grade point average based on grades earned in courses required for the degree. See Honors.

Withdrawal From Courses

A student who officially withdraws from a course will receive a "WS" (Withdrew - Satisfactory Progress) or a "WU" (Withdrew - Unsatisfactory Progress) up to and including the Last Day to Withdraw as published in the Academic Calendar. A student who discontinues a class or leaves school without following the official procedures for withdrawal or resignation is subject to receiving a grade of "F" posted on his/her record for each course in question and/or denial of permission to re-enter the college.

Resignation From the College

Resignation from the College is the withdrawal or discontinuation of all courses in which the student is enrolled. To resign officially from the College, the student must obtain a *Resignation* form which must be completed by the student and signed by designated officials of the College. A student who discontinues class or leaves school without following the official procedures is subject to receiving a grade of "F" posted on his/her College record for each course in question and/or denial of permission to re-enter the College.

Course Withdrawal and *Resignation* forms may be obtained from the Office of Registrar.

Readmission to the College

A student who has resigned from the College, has resigned from a degree/certificate program, has not been continuously enrolled at the college for one semester or has been suspended and desires to re-enter the College must apply for readmission.

The student must submit an *Application for Readmission* to the Office of Admissions and Records. The application must be accompanied by a written request to the Director of the program to which readmission is desired. All requests for readmission will be evaluated by the Admission, Progression and Graduation Committees. Readmission is not guaranteed. Students will be admitted in accordance with the admission policies in effect at the time they are seeking readmission. Time limits and application deadlines for re-entry may apply to specific programs.

Once accepted for readmission to a degree/certificate program, students will be required to meet the curriculum requirements for the degree/certificate as stated in the current catalog and which are in effect at the time of re-entry.

The Application for Readmission may be obtained from the Office of Admissions and Records.

Credit for Repeated Courses

A student may repeat an individual course one time for credit in order to earn a higher grade. When a student repeats a course at Our Lady of the Lake College, all grades will be used in computing the Grade Point Average. All repeated course work must be taken at Our Lady of the Lake College.

(Degree/Certificate Program students: See program handbook for policies.)

ACADEMIC STATUS

Academic status at Our Lady of the Lake College is defined in two categories. These are Progression and Non-Progression.

Progression status designates an enrollment status whereby the student is eligible to continue enrollment within a course or program of study. Included in this category are Good Standing and Academic Probation.

Non-Progression status designates an enrollment status whereby the student is not eligible to continue enrollment within a course or program of study. Included in this category are Academic Suspension, Academic Dismissal, and Non-Academic Dismissal.

The College policies regarding Academic Status are as follows:

Progression Status

IN GOOD STANDING

To be considered in good academic standing, a student must have a minimum Our Lady of the Lake College cumulative grade point average of 2.0.

ACADEMIC PROBATION

Academic Probation provides a warning for a student whose academic work is unsatisfactory.

Academic probation status will be posted on the student's academic record.

A student is placed on academic probation under the following situations:

- a student (other than first semester student) with a cumulative Our Lady of the Lake College GPA of 1.50 to 1.99
- a first semester student with a cumulative Our Lady of the Lake College GPA less than 1.5
- a student reentering whose last academic status was probation
- a student reentering after academic suspension

To remain eligible to enroll in courses while on academic probation, the student must:

- achieve a 2.0 semester Our Lady of the Lake College GPA.

To be removed from academic probation, the student must:

- achieve a 2.0 cumulative Our Lady of the Lake College GPA.

Non-Progression Status

ACADEMIC SUSPENSION

Academic suspension designates a time period whereby the student is not eligible to enroll in courses due to his/her unsatisfactory academic work.

A student on academic suspension status may not register for courses at Our Lady of the Lake College for the following regular (fall or spring) semester as well as the intervening summer term.

Any course work taken at another institution while a student is under academic suspension status will not be accepted for transfer credit and will not be used to fulfill degree requirements or to change or to modify the GPA.

Academic suspension status will be posted on the student's academic record.

A student may be suspended from the College for academic reasons only once and allowed to re-enter only once. An application for readmission is required. If readmission is approved, the student will be placed on academic probation status.

A student is placed on academic suspension status under the following situations:

- a student who is on probation status and does not achieve a semester Our Lady of the Lake College GPA of 2.0

ACADEMIC DISMISSAL FROM THE COLLEGE

Academic dismissal from the College designates a status whereby the student is ineligible to continue enrollment in academic programs of the College.

Academic dismissal will be posted on the student's academic record.

A student will be dismissed from the College under the following situations:

- a student who was suspended, allowed to re-enter, and does not achieve a 2.0 semester GPA for the return semester.
- a student who was admitted to an academic program provisionally and does not meet the requirements of provisional acceptance.

DISMISSAL FOR NON-ACADEMIC REASONS

Students who commit any of the following acts may be dismissed from the College according to the procedure for disciplinary dismissal:

- plagiarism
- falsification of information given on official school documents
- falsification of records regarding patient care
- unauthorized possession of an examination
- illegal possession, use, sale or distribution of drugs
- illegal possession of weapons
- theft
- commitment of any act which would result in ineligibility for licensure or certification.
- participation in cheating or lying in reference to clinical or classroom assignments

- chemical impairment in the school/clinical setting
- conduct which is inappropriate for either clinical or classroom (e.g., abusive language, threats, assault and battery, disruptive talking)

This list is not meant to be all-inclusive, but serves to identify examples of behavior which warrant disciplinary dismissal. See Student Handbook for Due Process for Misconduct.

Honors

DEAN'S LIST

The Dean's List is published each semester. To be eligible for this list, the full-time student must have attained a grade point average of 3.5 or better during the semester in question. Students attending on a part-time basis are recognized on the Dean's List for part-time students when they have earned twelve semester hours of credit and attained a grade point average of 3.5 or better at Our Lady of the Lake College.

PRESIDENT'S LIST

The President's List is published each semester. To be eligible for this list, the full-time student must have attained a grade point average of 4.0 during the semester in question. Students attending on a part-time basis are recognized on the President's List for part-time students when they have earned twelve semester hours of credit and attained a grade point average of 4.0 at Our Lady of the Lake College.

GRADUATION HONORS

Students graduating with a Graduation Honors grade point average of 3.5 or higher are recognized as Honor Graduates. Students graduating with a Graduation Honors grade point average of 3.75 or higher are recognized as graduating with Highest Honors.

Intent to Graduate

During the semester PRIOR to which a student anticipates graduation, the student must complete an *Intent to Graduate Request*. (Form will be provided by the student's advisor.) The request must be verified and signed by the Academic Advisor to assure that all program requirements are being met. Any deficits in meeting graduation requirements will be noted at that time.

Student Complaints and/or Concerns Policy Statement

Our Lady of the Lake College is committed to providing an environment that is supportive of student achievement. Academic, Administrative, and Support Services share that commitment in the provision of all programs and services. The procedures for Academic Grievance as well as Due Process Rights are found in the *Student Handbook*. In addition to these procedures, any student who has a concern or complaint about institutional policies, procedures, or practice is encouraged to follow the Student Complaint Procedure (*Student Handbook*). The procedure may not be used to protest existing policies or regulations.

In order to maintain confidentiality, documents pertaining to complaints or concerns will not be placed in a student's academic file. Such documents will be retained in a separate file accessible only to authorized personnel of the College.

There will not be discrimination or retaliation as a result of a student's exercise of his/her rights under this procedure.

General Policies For Transfer Credit

Transfer of Course Credits for All Degree/Certificate Programs

Credit earned at an accredited college or university is transferrable provided the course is equivalent in content to the course represented, subject to the review of the relevant faculty in the discipline. Time limits for transferability of some courses may exist. Information is available in the Office of Admissions.

Course work evaluated for transfer at the time the student makes formal application for admission to a degree/certificate program will not expire as long as the student is actively seeking admission to the program and continues to update their application for admission. Courses accepted for transfer at the time the student is admitted to Arts and Sciences may not be accepted for transfer at the time the student applies for admission to a degree/certificate program. Students should refer to degree/certificate program admission requirements for details.

Students who have successfully completed 30 college credits with an overall GPA of 3.0, and students who have successfully completed 45 college credits with an overall GPA of 2.0 are exempt from ACSM 100. All other students are required to complete ACSM 100 upon enrollment at the college.

Credit Through Examination

Credit for college level achievement in Arts and Sciences courses may be awarded by the CLEP and/or ACT/PEP examination. Recognition of previous learning may be achieved through a national credit examination program such as CLEP and ACT/PEP. Proficiency examinations are given on national test dates and are designed to give credit for knowledge gained in programs without college credit or for courses which are not transferable. Information is available in the Office of Admissions. Credit will be entered on a student's official record upon receipt of official scores, provided the student achieves at or above the level accepted by Our Lady of the Lake College. Credit will be given as a grade of "P" and will not be computed in the student's GPA.

A list of the subject examination approved by Our Lady of the Lake College are listed below:

SUBJECT EXAM	COURSE	ACCEPTED SCORE	CREDIT HRS. AWARDED
English Composition with Essay (CLEP)	ENGL 101	45	3
English Composition (CLEP)	ENGL 102	45	3
College Algebra (CLEP)	MATH 112	45	3
Introduction to Sociology (CLEP)	SOCI 100	45	3
Introduction to Psychology (CLEP)	PSYC 100	45	3
Microbiology (ACT-PEP)	BIOL 280	45	3
Human Anatomy & Physiology (ACT-PEP)	BIOL 210 + 211	45	6

Credit Through Military Experience

Honorably discharged veterans of the United States Armed Forces may be allowed credit for certain courses upon presentation of a copy of their discharge to the Office of Admissions. This credit may be granted for service schools where equivalence in terms of college courses has been recommended for college credit in the “Guide to the Evaluation of Educational Experiences in the Armed Services”, published by the American Council on Education. Appropriate documents must be submitted to the Office of Admissions for an evaluation of these experiences.

Transfer of Arts and Sciences Courses Following Admission to a Degree/Certificate Program

Once admitted to a degree/certificate program, a student may not enroll in courses offered at other institutions without the prior approval of the Vice President, Academic Affairs. Transfer credit for courses taken at other institutions by students enrolled in degree or certificate programs will not be accepted unless such approval has been granted in writing.

For further information on credit by examination and transfer of courses from other institutions contact the Office of Admissions and Records.

Student Services

The Support Services Unit of Our Lady of the Lake College, in collaboration with Academic Services, provides an environment that recognizes and is responsive to student needs in promoting academic achievement and student learning. A variety of programs and services are offered to assist students in achieving their educational goals.

ACADEMIC SUPPORT PROGRAMS/SERVICES

Learning Resources Center

The Learning Resources Center of Our Lady of the Lake College supports the mission of the college and the Franciscan Missionaries of Our Lady with a dedication to service excellence. Through a dynamic, innovative and multi-media approach, the Learning Resources Center (LRC) supports the curricular, informational and research needs of the Our Lady of the Lake College community in meeting all personal, academic and professional goals while fostering life-long learning. For this purpose, the LRC collects, maintains and organizes current information in various formats to insure efficient access to information.

The Learning Resources Center, located in the Allied Health Building, encompasses the college library, the Media Center and two computer labs. The library, located in the Administration Building, provides local access to print materials; as well as, an array of library services, all based on a collection of monographs and periodicals. Currently, the library houses ten thousand monographic volumes and subscribes to a variety of periodicals. Realizing the informational needs of Our Lady of the Lake College may exceed the collection, the LRC expands locally held resources by participating in the Baton Rouge Hospital Library Consortium, which allows students to use various hospital libraries around Baton Rouge. In addition, to further extend information access, OLOL College Students are extended library privileges at all public academic libraries throughout Louisiana through the Louisiana Academic Library Information Network Consortium. Finally, OLOL College students have access to various Louisiana academic library catalogs through the Louisiana Library Network, commonly called LOUIS.

The Media Center houses non-print media and is the location of St. Benedict, one of our two computer labs. The second computer lab, St. Scholastica, is located in the Arts and Science building. These holdings and services provided are designed to enhance and to reinforce classroom instruction and represent a diversity of experiences, opinions, social and cultural perspectives.

Academic Advising

The purpose of the Academic Advisement Program is to provide assistance to students in planning their academic endeavors and exploring career goals and options. The Academic Advisement Program recognizes the individuality of each student and facilitates the achievement of each student's full potential by providing assistance in the selection of curriculum and courses, the scheduling of classes, the exploration of educational opportunities and career goals, and in identifying resources to provide academic assistance and financial assistance.

The Advisement Program has two components: pre-admission advising by the Office of Admissions and Records and academic advisement by faculty.

Pre-Admission advising is provided by staff in the Office of Admissions and Records. The pre-admission advisors are available to assist the student in making career choices and to initiate planning for a program of study.

When a student is accepted for admission, he/she is assigned a faculty advisor. The student is encouraged to seek the advisor's assistance as needed in planning a program of study, and selecting and scheduling classes.

Each advisor will seek to provide the most current and accurate information to support the advising process. The student is responsible for seeking academic advising, for knowing and complying with Our Lady of the Lake College requirements, for knowing the requirements of the degree or certificate program, and for taking courses in the proper sequence to ensure orderly and timely progress toward his or her educational goals.

Counseling Services

The Our Lady of the Lake College Counseling Services Office, part of the Division of Support Services, provides professional counseling services for all students. These services include academic counseling, career counseling, crisis intervention, and short-term psychotherapy for individuals and groups. Consultation services and workshops are available to student groups, faculty, and staff. Counseling Services also offers a variety of standardized tests in the areas of vocational interest, learning difficulties, and crisis intervention.

The faculty accepts as true that each student is an individual of worth possessing dignity, free will and the potential for personal and professional growth. The counseling program encourages students to:

- accept self and others as individuals of worth;
- accept responsibility for decisions and actions;
- identify the dynamics of behavioral reactions in self and others;
- explore anxiety-provoking situations in personal and professional life;
- realistically appraise capabilities, strengths, needs, accomplishments, and career goals;
- set goals for self that are in keeping with interests, abilities, accomplishments and personality;
- utilize problem solving and decision making processes in making personal and professional decisions;
- make career decisions based on evaluation of characteristics, abilities, career opportunities, requirements and employment prospects in various fields of health care.

INDIVIDUAL COUNSELING

Students are encouraged to seek guidance in solving personal problems through consultation with a counselor. Students may arrange an appointment by calling 768-1713. Students are encouraged to schedule appointments at least 24 hours in advance. All records of the Counseling Services remain confidential. The counselors will provide assistance, support, assessment of the problem, counseling and appropriate referrals at no cost to the student.

The counseling staff will provide individual counseling for persons having difficulties with interpersonal relationships, communication effectiveness, depression, family and couple relationships, stress and anxiety, and academic difficulties.

GROUP COUNSELING

Group counseling is a unique opportunity which gives participants the chance to share common concerns and work towards solutions with the help of feedback and discussions with others. All groups are structured and focus on special interest topics such as stress management, relationships, and effective communication techniques. Topics, times, and availability for these groups will be posted around the College throughout the semester.

SEMINARS

The Counseling Services Office will conduct several special interest seminars each semester. Topics will range from stress management to time management.

Please watch for information concerning the time and place of these seminars. If a student group, staff member, or faculty member would like for a special seminar to be conducted, please contact the Counseling Services Office.

TUTORING

Academic assistance is available to students through the counseling services office. Students are encouraged to schedule a session with the Academic Counselor for assistance in Reading, Math and general study and test taking skills. Peer tutoring also is available in specific content areas. For an appointment or tutoring session, students may call counseling services at 768-1724 or 768-1774.

TESTING

The Counseling Services Office offers a variety of testing services. These services include career interest, learning difficulties, and crisis intervention testing.

Students With Disabilities

Our Lady of the Lake College complies with the 1973 Rehabilitation Act Section 504, the 1975 PL 94-142 Education of Handicapped Children Act, the 1990 PL 101-476 Individuals with Disabilities Education Act, and the 1990 Americans with Disabilities Act (ADA) to ensure equal opportunity for qualified individuals with learning disabilities. Our Lady of the Lake College makes reasonable accommodations and provides services to provide access (to receive and give information).

Our Lady of the Lake College does not conduct pre-admission inquiries regarding disabilities, does not establish admission quotas, and does not discriminate on the basis of disability. Following admission to the College, students diagnosed as disabled are requested to complete a form to self-identify at the time of registration. Special Needs Assessment forms are located in the reception areas throughout the college.

The completion of a self-identification form is done through the Counseling Services Office. Students with special needs should contact the Counseling Services Office at 768-1713 to arrange for an appointment. The Counselor will conduct an interview to make sure that proper documentation is in place as well as beginning the procedure for securing the appropriate accommodations. The Counselor can also provide the necessary referrals to the appropriate professionals, i.e. physician/psychologist, to begin the assessments needed for proper documentation of the disability.

Students desiring College program enrollment may be required to meet core performance standards for the preferred academic program of study. The core performance standards for each program of study are available in the admission application packet and published in the program handbook. OLOL College will provide persons with disabilities an equal opportunity to participate in, or benefit from, all services as afforded to all other individuals. OLOL College will not use standards, criteria or methods of administration in our operations that screen out, exclude or discriminate based on disability.

Student Development

The Student Development Program is designed to provide student services that support educational and College goals for student achievement. This program also provides each student with opportunities for growth as an individual and as a contributing member of the student body and community.

STUDENT ACTIVITIES/ORGANIZATIONS

In addition to the regular schedule of the academic curriculum, there is a program of co-curricular activities on the campus. Campus organizations managed by students under faculty and administration guidance offer ample opportunities for growth in character, citizenship and leadership.

Student Government Association

The Student Government Association (SGA) provides all students the opportunity to participate in self-government. The Student Government Association represents all students enrolled in the college. Through this organization, rules and regulations are formulated and carried out, and plans for student activities are made. All students are encouraged to attend Student Government Association meetings. The activities of the Student Government Association are supported by student fees.

Christian Student Fellowship

The Christian Student Fellowship (CSF) is a student organization whose purpose is to minister to the Our Lady of the Lake College community. The organization is founded on the philosophy of the Franciscan Missionaries of Our Lady which seeks to extend the ministry of Jesus Christ through care, compassion, respect, and understanding for all people. The organization meets its goals by conducting ministerial activities such as: devotionals, Bible studies, support groups, and community service. Membership in the CSF is open to all enrolled students, faculty, and staff of Our Lady of the Lake College.

Clinical Laboratory Scientist Association (Medical Laboratory Technology)

Clinical Laboratory Scientist Association is a student organization whose purpose is to broaden the career scope of the membership. The organization is founded on the philosophy that membership in student organizations enhances the work ethic and increases life-long learning. In keeping with the mission of Our Lady of the Lake College, the organization is committed to encouraging student members to strive to meet the needs of the community and of fellow students with compassion, understanding, respect, and dignity. Members are encouraged to participate in professional and community activities and to disseminate information about the career of clinical laboratory science.

Cultural Arts Association

The Cultural Arts Association (CAA) is a student organization whose purpose is to promote interest in fine arts activities, such as music, painting, and creative writing, and in popular arts and crafts reflecting the culture and heritage of Louisiana. The organization is founded upon the philosophy that a “well educated” person is a “well rounded” person and that “higher education” is also a “broader education.” Thus, students are encouraged both to explore their individual talents and to appreciate the talents of others. The organization meets its goals by disseminating information about cultural events within the Greater Baton Rouge area, arranging for both on-campus and off-campus cultural activities, and sponsoring informal lectures and workshops to assist students in developing their own fine arts talents.

Mathematics/Science Association

The purpose of the Mathematics/Science Association (MSA) is to promote interest in Mathematics and Science. Students are encouraged to explore topics in science and mathematics and to appreciate knowledge and skills in various disciplines. The organization meets its goals by disseminating information about these topics and arranging for both on-campus and off-campus activities. Additionally, the MSA club will sponsor informal lectures and workshops to assist students in discovering and developing their own talents in mathematics and science.

Epsilon Mu Theta: An Association of Emergency Health Science Students

The purpose of this organization is to contribute to Emergency Medical Technician education in order to help assure the highest quality emergency health care for this area. EMΘ promotes and encourages participation in community affairs and interdisciplinary activities. This organization will also promote collaborative relationships within emergency medicine and related health organizations. EMΘ will also speak uniformly on behalf of the EHS students to the faculty, administration, and academic community.

OLOL Student Nurses Association

All nursing students are encouraged to participate in local, state and national activities of the nursing profession through membership in their professional organization OLOL-Student Nurses Association (OLOL-SNA). Membership in the local school chapter OLOL-SNA allows a nursing student privileges of membership in the Louisiana Association of Student Nurses (LASN) and National Student Nurses Association (NSNA).

Professional Fraternity of Phi Theta Alpha for Physical Therapy Assisting Students

The purpose of the Professional Fraternity of Phi Theta Alpha is to enable its members to attain for themselves a complete education in physical medicine through involvement in school. Professional and community activities of Phi Theta Alpha strive to facilitate learning for the Pre-Physical Therapist Assisting students by playing an active role in the undergraduate curriculum and to advocate the philosophy of the Franciscan Missionaries of Our Lady by incorporating those values and beliefs into the everyday lives of our members.

Beta Epsilon Fraternity of Radiologic Technology Students

The purpose of the Beta Epsilon Fraternity of Radiologic Technology Students (BEFRT) is to encourage and assist students in personal growth and professional development in radiologic technology. Members of this organization will contribute to group activities and participate in school and community events. This organization will uphold the values and philosophy of the Franciscan Missionaries of Our Lady. All Radiologic Technology students are encouraged to participate in local, state and national activities of the radiology profession through membership in their professional organization Beta Epsilon Fraternity of Radiologic Technology Students.

OLOL College Student Association of Surgical Technologists

The purpose of Our Lady of the Lake College Student Association of Surgical Technologists (SAST) is to encourage and assist students in personal growth and professional development in Surgical Technology. Members of this organization contribute to group activities and participate in school and community events. This organization upholds the values and philosophy of the Franciscan Missionaries of Our Lady. All surgical technology students are encouraged to participate in local, state and national activities of the profession through membership in their professional organization Student Association of Surgical Technologists.

Professional Organizations for Health Care Providers

All students are encouraged to participate in professional organization(s) appropriate to their chosen discipline. Many of these organizations provide student memberships.

Student Activities

Each year a variety of programs are offered for the intellectual enrichment of campus life. Visiting scholars, joint faculty/student seminars, guest lectures and video programs offer diversity to the student experience.

Health Program

The Student Health Program provides for the promotion of positive physical and mental health. It is designed to encourage students to assume individual responsibility for good health practices and adequate health care during illness. All full time students enrolled in Clinical Courses must have a physical examination performed by their personal physician at the time of enrollment. Clinical students must also complete annual TB skin testing.

Drug screening is required for all students prior to entering clinical degree/certificate programs. Additionally, students enrolled in clinical programs are subject to random urine drug screening. Random drug screening will be at the College's expense. Pre-enrollment drug screen costs will be included in the student's fees.

All students, as a condition of the enrollment in a clinical program, must abide by the drug and alcohol policies and consent, when asked, to submit to urine drug testing to determine compliance with the policy. Individuals who refuse to consent or cooperate in the administration of such testing are subject to discipline, including and up to, dismissal. Individuals with confirmed positive tests for illegal drug usage or misuse of prescription drugs are in violation of Our Lady of the Lake College policy and are subject to discipline, including, and up to, expulsion.

IMMUNIZATION POLICY

All students enrolling for the first time at Our Lady of the Lake College must furnish proof of immunization for measles, mumps, rubella (MMR), tetanus and diphtheria (T/D) prior to admission to the College. The required proof is to be submitted with the College application. The back of the Immunization form, enclosed with the application, describes the College requirements.

The Hepatitis vaccine series is mandatory for all students enrolling in clinical courses unless contraindicated for medical reasons. The series may be obtained through a private physician, clinic, or through Our Lady of the Lake Regional

Medical Center, coordinated by the College Health Office. The required proof of vaccination should be submitted to the College Health Office, 7434 Perkins Road, Baton Rouge, Louisiana 70808.

HOSPITALIZATION INSURANCE

Students enrolled in clinical programs are required to carry hospitalization insurance. All students are encouraged by the College to carry hospitalization insurance.

LOL College offers a student accident and sickness insurance plan for all full-time and part-time (enrolled in six or more credit hours) students. This insurance plan is sponsored by the Louisiana Association of Independent Colleges and Universities. The College provides an accidental injury policy for each student enrolled in a degree/certificate clinical program and wet laboratory courses.

Also available for full-time students is Blue Cross/Blue Shield of Louisiana.

For further information, contact the College Student Health Office at 768-1755 or 768-1718.

Chimes Medical Bookstore

Students may obtain textbooks, workbooks, study guides, and other required and optional materials from the College bookstore.

The Bookstore is located in the Administration building at 7434 Perkins Road. For convenience, the Bookstore operates with flexible hours during the first weeks of each semester. During the remainder of the semester, operating hours are Monday-Friday, 10:00 a.m.-5:00 p.m. The average cost of textbooks for a full-time student is \$250-\$300 per semester.

Textbooks purchased for the current semester may be returned for refunds according to the following schedule:

BOOK RETURN SCHEDULE

During the first week of classes (with receipt)	100%
During the second week of classes	75%
After the second week of classes*	

*Will buy back at wholesale price, if the book will be used the following semester.

Refunds on textbooks are given for the first and second weeks of the Fall and Spring semesters and the first 5 days of the Summer semester, *provided:*

- a. The register receipt is presented (cash refunds are not given without a register receipt);
- b. Textbooks are in the same condition as when purchased.

Housing

The College is a commuter institution; therefore, students are responsible for securing their own living accommodations. Many apartment complexes are located in areas convenient to the College.

Transportation

The degree and certificate programs in health care require clinical laboratory experiences in a variety of health care agencies within the Greater Baton Rouge area. The student is responsible for providing his/her own transportation to these scheduled learning experiences.

Food Service

A variety of food services are within walking distance of the College. Meals may be purchased in the Our Lady of the Lake Regional Medical Center cafeteria located on the first floor of the medical center (discounts offered to college faculty staff and students with presentation of name badge or student ID), or in the coffee shop located in St. Mary's Tower or deli located on the first floor of the Medical Plaza. An assortment of economically priced foods are available. Snack areas with vending machines are also available throughout the medical center and college.

Spiritual Life

Religious insight and understanding is essential in meeting the spiritual and psychosocial needs of persons of all faiths. Students may consult the hospital chaplain regarding religious and ethical problems. Masses are held in the Our Lady of the Lake Regional Medical Center Chapel daily. The chapel is located on the first floor of the medical center and is open daily from 7:00 a.m. until 6:00 p.m. All students are welcome to attend services and/or visit the chapel for meditation and prayer.

Pre-registration and Registration

Pre-registration will be held in the fall for the spring semester and in the spring for the summer and fall semesters. All new and re-entry students admitted to the College will be required to meet with their faculty advisor before they will be allowed to pre-register.

At pre-registration, students select courses and secure a class schedule for the following semester(s). The Office of Admissions and Records publishes a Pre-registration and Registration Schedule booklet prior to each pre-registration period. This booklet will contain class schedules as well as important pre-registration and registration information.

Registration by mail will be held three times a year, in the fall, spring and summer according to the dates published in the schedule booklets. Only students who have pre-registered will be allowed to register by mail. Late-Registration will be restricted to Arts and Sciences students.

Students should refer to the schedule booklet for detailed instructions about pre-registration, registration and late registration activities.

Drop/Add Period

A student will be permitted to add courses, drop courses (without receiving a “W grade”), and drop courses (with a “W grade”) according to dates published in the academic calendar. *Except for courses taught in a condensed schedule during the summer session - see course syllabus.*

Tuition, Fees and Other Costs

FALL, SPRING, AND SUMMER TUITION AND FEES

STUDENT CLASSIFICATION	*TUITION (per credit hour)	FEES (full-time/part-time)	TECHNOLOGY FEE
Arts and Sciences <i>Associates & Baccalaureate Programs</i>	\$190	\$80 / \$40 Summer \$40/\$20	\$5 per credit hour
Nursing <i>DN</i>	\$190	\$175 Summer \$40/\$20	\$5 per credit hour
RN-BSN Program <i>DN-BS</i>	\$190	\$80 / \$40 Summer \$40/\$20	\$5 per credit hour
Health Sciences Health Service Administration	\$190	\$80 / \$40 Summer \$40/\$20	\$5 per credit hour
Surgical Technology <i>ST</i>	\$190	\$175 Summer \$90	\$5 per credit hour
All Other Clinical Programs: <i>CT, EH, LPN-RN, PT, RS, RT</i>	\$190	\$175 Summer \$90	\$5 per credit hour

Tuition— refundable per policy stated in Catalog. **Fees are non-refundable.**

*Tuition — a maximum of \$3040 will be assessed for 16+ credit hours

OTHER COSTS

ADMINISTRATIVE PROCESSING FEE

A \$25.00 non-refundable fee payable upon registration.

APPLICATION FEE

A \$25.00 non-refundable fee payable upon submission of an application for admission or re-admission.

REGISTRATION LATE FEE

A \$50.00 non-refundable fee assessed to continuing students who are allowed to register late payable upon registration.

EMHS 101 INSURANCE FEE

A \$50.00 non-refundable Professional Liability Insurance Fee assessed to students enrolling in EMHS 101 payable upon registration.

GRADUATION FEES

A \$50.00 non-refundable graduation fee assessed in the final semester of study to complete a degree or certificate curriculum payable upon notification. The student's cap and gown, grades, diploma, and official transcript will not be issued unless the \$50.00 fee is paid.

TECHNOLOGY FEE

A \$5.00 per credit hour non-refundable technology fee will be assessed and payable upon registration.

LABORATORY FEES

A non-refundable laboratory fee of \$25.00 for science courses with wet laboratories and \$15.00 for science courses with computer laboratories payable upon registration.

TEXTBOOKS

Students assume the cost of textbooks available for purchase from the Medical Bookstore of Baton Rouge, located in the Nursing Building.

UNIFORMS

Upon admission to a clinical program or enrollment in EMHS 101, students assume the costs of uniforms and other accessories available for purchase from the Medical Bookstore of Baton Rouge.

FULL-TIME / PART-TIME CLASSIFICATION (FOR COLLEGE FEE PURPOSES)

FALL and SPRING	FULL-TIME	PART-TIME
Arts and Sciences, RN-BSN Program	12+ hours	< 12 hours
Health Sciences Health Service Administration	12+ hours	< 12 hours
All Other Programs	9+ hours	< 9 hours
SUMMER	FULL-TIME	PART-TIME
All Programs	6+ hours	< 6 hours

<<<< TUITION AND FEES ARE SUBJECT TO CHANGE WITHOUT NOTICE >>>>

Health Career Institute

Tuition and Fees and Other Costs

Student Classification	Tuition
Practical Nursing CNA* Phlebotomy*	\$190.00

*Tuition and Fees vary with each program.

Tuition— refundable per policy stated in Catalog. **Fees are non-refundable.**

OTHER COSTS

ADMINISTRATIVE PROCESSING FEE

A \$25.00 non-refundable fee payable upon registration.

APPLICATION FEE

A \$25.00 non-refundable fee payable upon submission of an application for admission or re-admission.

REGISTRATION LATE FEE

A \$50.00 non-refundable fee assessed to continuing students who are allowed to register late payable upon registration.

Refunds

Upon official withdrawal or resignation from the college refunds will be made as follows:

FALL AND SPRING

Before classes begin	100%
During first 2 weeks of semester	75%
During 3rd week of semester	50%
During 4th week of semester	25%
After 4th week of semester	0%

SUMMER (8 WEEK SESSION)

Before classes begin	100%
During 1st week of semester	75%
During 2nd week of semester	50%
After 2nd week of semester	0%

Refund schedule for Maymester and 6 week summer session differ. Please consult the Pre-registration/Registration Booklet for applicable refund schedule.

Checks Written with Insufficient Funds

Checks returned to the college because of insufficient funds will be referred to an outside agency. Currently, Our Lady of the Lake College refers these cases to Teller Recovery (1-800-234-8290). Teller Recovery will assess a fee for each check on which it collects. In addition, all students with outstanding checks will lose the privilege of writing checks to the College, grade reports and official transcripts will be withheld and enrollment in future semesters may be prohibited until Teller Recovery certifies that the outstanding amount has been paid in full. Students who have a history of writing checks with insufficient funds (more than one) will lose the privilege of writing checks to the College permanently.

Stopping payment on a check written to the College may have serious disciplinary consequence. All students who have written a check to the College and then stop payment on that check, will lose the privilege of writing checks to the College and may be subject to immediate dismissal from the College. Grade reports and official transcripts will be withheld and enrollment in future semesters may be prohibited.

If a student has reason to believe the College owes them a refund, he/she should inform the proper officials. In the event a refund is warranted, the College will issue that refund through the proper channels.

Post-registration Audit

Approximately two weeks after the beginning of each semester, the Office of Admissions and Records and the Business Office performs an audit of all fees assessed and collected. If it is discovered that a student has overpaid, a refund will be mailed to the student or responsible party. If it is discovered that a student has underpaid, the student or responsible party will be billed. All balances are due immediately.

Unpaid Balances and Delinquent Accounts

In all circumstances where payments are due to the College, the student is responsible for ensuring that all payments are made. Failure to pay in a timely manner or to make satisfactory payment arrangements could result in the student's immediate withdrawal from the College with a grade of F in each course enrolled. Also, students who have outstanding balances will not be permitted to enroll in any classes until those balances have been paid and will be turned over to OLOLRMC for collection. Grade reports and official transcripts will be withheld. Other student services will also be suspended until outstanding debts are settled.

For further information contact the College Business Office at 768-1770.

Financial Aid & Scholarships

The administration and faculty of Our Lady of the Lake College are committed to administering the financial aid programs in a manner which prevents discrimination on the basis of age, sex, handicap, creed, race, color, marital status or national origin. The Office of Financial Aid provides confidentiality of all student financial aid records and is in compliance with all applicable laws and regulations.

Financial aid policies are governed by federal, state, and institutional regulations. The policies are published in a Financial Aid Handbook and may be modified to comply with current regulations.

The Office of Financial Aid of Our Lady of the Lake College seeks to assist students in financing the costs associated with their education. To the extent possible, eligible students are aided in meeting costs through careful planning and through various forms of financial assistance.

Financial aid programs available to students of Our Lady of the Lake College vary by type, source, eligibility criteria and application procedures.

Our Lady of the Lake College administers federal, state and institutional financial aid programs. Federal programs available are the Federal Pell Grant, College Work Study and FSEOG, and the Federal Family Education Loan Programs, which include the Federal Subsidized and Unsubsidized Stafford Loan Programs as well as the Federal Parent Loan for Undergraduate Students. The college also participates in the State Vocational Rehabilitation and the JTPA programs. In addition, the Office of Financial Aid administers three forms of private institutional financial aid: Loan Aid, Stipends and Gift Aid.

A complete listing and further information about the College financial aid program, including policies, deadlines, and procedures, may be found in the *Financial Aid Handbook* which is available from the Office of Financial Aid

Federal Financial Aid

To establish eligibility for Federal Financial Aid Assistance, each student and his or her family must first complete the Free Application for Federal Student Aid (FAFSA).

Students receiving federal aid must maintain satisfactory academic progress as defined in the *Financial Aid Handbook*.

Tuition Opportunity Program for Students (TOPS)

Louisiana's Tuition Opportunity Program for Students (TOPS) is a comprehensive program of state scholarships. The student must apply for all TOPS awards by submitting that version of the Free Application for Federal Student Aid (FAFSA) which corresponds to the year in which the student plans to enroll in a post secondary school. The state deadline is published on the FAFSA.

The Louisiana Office of Student Financial Assistance identifies eligible recipients and determines award amounts for students attending institutions belonging to the Louisiana Association of Independent Colleges and Universities (LAICU). Students are responsible for outstanding balances.

Scholarships

A complete listing of scholarships available at Our Lady of the Lake College may be found in the *Financial Aid Handbook*.

Course Descriptions

Arts and Sciences courses are open for enrollment to all students who have been admitted to any program of Our Lady of the Lake College. Professional program courses are restricted to students who have been admitted to the specific degree/certificate program or have special permission of the program director.

ARTS AND SCIENCES COURSE OFFERINGS AND DESCRIPTIONS

ACADEMIC SEMINAR (ACSM) 100

This course is designed to assist the student in achieving educational goals. A variety of skills relating to classroom and individual study at the college level are presented. These skills include note taking, test taking, time management and stress reduction. Skills in the use of library facilities, the College's Learning Resources Center and computers are also introduced. Students enrolling in ACSM 100 are required to attend *New Student Orientation* which is held during the first week of classes in the fall and spring semesters and the first week of class during the summer semester. Any student who does NOT satisfactorily complete ACSM 100 (with a grade of "C" or better) must repeat the course during the next semester of enrollment. The student will be allowed to take other course work only after securing the permission of the Dean, Arts and Sciences.

CREDIT HOURS: 1

PREREQUISITES: For all new students, ACSM 100 should be the first credit course for matriculation into the College.

ACADEMIC SEMINAR (ACSM) 101 - *Introduction to Baccalaureate Education*

This course provides students in baccalaureate programs with program-specific information, insights and tools that maximize their academic success and achieve career goals. ACSM 101 should be taken concurrently with ACSM 100 or as soon as students begin the baccalaureate program.

CREDIT HOURS: 3

COREQUISITES: ACSM 100

ANTHROPOLOGY (ANTH) 100 - *Introduction to Anthropology*

This is a course in sociocultural anthropology. It will discuss and describe such concepts as 1) important explanatory and interpretive paradigms (cultural materialism, sociobiology, symbolic anthropology, cognitive anthropology, postmodernism); 2) subsistence, technology and economics (subsistence types, culture and technology variation, exchange systems); 3) social organization (class and castes, marital residence, descent and kinship, enculturation, rites of passage); 4) religion and ideology (mythology, prehistoric religions, a survey of world religions, witchcraft and magic); 5) fieldwork (data collection, data analyses, culture shock).

CREDIT HOURS: 3
PREREQUISITES: None

ANTHROPOLOGY (ANTH) 310 - Religions of the World

The primary objective of this course will be to study, compare, and contrast the “great” world religions. These will include: Christianity; Islam; Hinduism; Buddhism; Sikhism; Confucianism; Taoism; and Judaism. Lesser known religions will also be studied: Bahai’ism; Jainism’ Shintoism; Zoroastrianism.

CREDIT HOURS 3
PREREQUISITE COURSES None

ART (ART) 100 - *Art Appreciation*

This introductory course is a study of how art reflects and shapes human experiences. Students are provided with concepts, terms and a historical context with which to develop, analyze and articulate their personal responses to a variety of visual media, painting, sculpture, architecture and photography. Class meets three hours per week during regular semesters (fall, spring) and six hours per week during the summer session. Course sessions are interactive. They incorporate lecture, discussion and reflective writing. Works of art are experienced through exhibits, slides, films, and field trips. One research paper is required.

CREDIT HOURS 3
PREREQUISITES None

ART (ART) 320 - *Literature and the Visual Arts*

This course examines the relationship of the literary and visual arts. Comparative study focuses upon various practices, critical theories, and social, historical, and philosophical concepts that cross artistic boundaries and influence specific

works of literature and/or visual arts. Class sessions include lecture, discussion, film and slide presentations, and group activities. Critical thinking is encouraged as students apply concepts to analysis of fiction, poetry, paintings and sculpture from Western and Non-Western cultures. One analytical research paper and several short class presentations are required. The course is team taught by English and Art faculty. Credit may be earned for either ENGL 320 or ART 320 but not for both.

CREDIT HOURS: 3

PREREQUISITES: ART 100, ENGL 200 recommended.

BIOLOGY (BIOL) 100 - *Introduction to Medical Terminology*

This course will introduce preclinical students in the various allied health sciences to both basic medical and clinical terminology. Vocabulary relevant to basic human anatomy and physiology, medicine and health, disease and clinical analyses will be emphasized. Jargon applicable to clinical specialties such as nursing, surgical technology, radiologic technology, physical therapy, medical technology, and emergency health science will be emphasized. Instruction will use a team approach; instruction methods will involve the use of specific computer programs.

CREDIT HOURS: 1

PREREQUISITES: None

BIOLOGY (BIOL) 101 - *General Biology I*

This course is an introduction to biologic principles. Students will student basic and important concepts in biology. These include: biochemistry, cell biology, metabolism, photosynthesis, cell division (mitosis). Other topics will include meiosis, genetics, molecular biology, developmental biology, evolution and ecology.

CREDIT HOURS: 3

PREREQUISITES: BIOL 102 (previous or concurrent enrollment)

BIOLOGY (BIOL) 103 - *Laboratory for BIOL 101*

Students will study and visualize basic principles using a variety of techniques including light (bright field) microscopy, preparation of "wet slides", charts, models, dissections and computer programs. Laboratory exercises will include:

introduction to the compound microscope, preparation of biological slides (whole “wet mounts”), cytology, cell biology, cell physiology and electron microscopy of cells, organelles and tissues using electron micrographs and computer programs, mitosis, meiosis and early embryology. Students will be required to produce and maintain laboratory reports, produce drawings and illustrations and maintain laboratory notebook.

CREDIT HOURS: 1 (lab meets three hours per week)

PREREQUISITES: BIOL 101 (previous or concurrent enrollment)

BIOLOGY (BIOL) 102 - *General Biology II*

This course relates the broad biological principles covered in BIOL 101 to specific groups of animals. Emphasis is placed on the structure (morphology) and physiology of diverse organisms.

CREDIT HOURS: 3

PREREQUISITES: BIOL 101, BIOL 102, BIOL 104 (previous or concurrent enrollment)

BIOLOGY (BIOL) 104 - *Laboratory for BIOL 102*

Students will study a diverse sampling of animals using taxonomic, microscopic and dissection techniques. Emphasis is placed on the divergent structure and physiology of these organisms. Organisms to be studied include those of the following phyla: Sarcomastigophora, Porifera, Cnidaria, Platyhelminthes, Nematoda, Annelida, Mollusca, Arthropoda, Echinodermata and Chordata. Appropriate computer programs will be used to assist learning. Students will also be introduced to the anatomy (osteology) of the human skeleton. Students will be required to generate and maintain laboratory notebooks comprised of laboratory reports, figures and illustrations.

CREDIT HOURS: 1 (lab meets three hours per week)

PREREQUISITES: BIOL 101, BIOL 102, BIOL 103 (previous or concurrent enrollment)

BIOLOGY (BIOL) 210 - *Human Anatomy and Physiology-I*

This foundation course in the life sciences introduces students to important concepts and biological principles necessary to understanding the structure and function of the human body. These concepts include: basic biology, basic chemistry, basic biochemistry, fundamental cellular biology (cytology and cytostructure)

and cellular physiology. Other topics include: basic tissue structure and function, mitosis and meiosis. All fundamental information will be directly related to the concept of systemic homeostasis. Following this introduction, a survey of systemic anatomy and physiology will be initiated. This includes: 1) the structure and function of the integument; 2) the structure and function of teeth, bones and joints; 3) and the structure and function of muscles (skeletal, cardiac and smooth).

CREDIT HOURS: 3

PREREQUISITES OR COREQUISITES: CHEM 100, or CHEM 101.

BIOLOGY (BIOL) 211 - *Human Anatomy and Physiology II*

This is the continuation of BIOL 210 - Human Anatomy and Physiology-I. The course integrates the structure and function of the various components of the following organ systems: 1) the structure and function of the nervous system; 2) the structure and function of the endocrine system; 3) digestive system or gastrointestinal-tract including the accessory glands (salivary glands, liver, gall bladder and exocrine pancreas); 4) the cardiovascular and lymphatic systems including the heart, blood vessels and blood; 5) the respiratory system; 6) the urinary system; 7) the male reproductive system; 8) and the female reproductive system. Human developmental biology will be discussed in association with human reproduction and embryogenesis.

CREDIT HOURS: 3

PREREQUISITES: BIOL 210, CHEM 100, CHEM 101

BIOLOGY (BIOL) 212 - *Laboratory for BIOL 210*

Students enrolled in this course will examine the anatomy and morphology of human cells, tissues, organs and systems. Students will study the following: 1) the fine structure of human cells; 2) the light microscopic anatomy and electron microscopic structure of human tissues; 3) the microscopic structure of the integumentary system; 4) the gross anatomy and microscopic morphology of the human skeleton and osseous tissue; 5) the gross anatomy, histology and electron microscopic fine structure of the human skeletal muscular system and muscle tissue; 6) the histology of the nervous system, especially neurons and synapses. Students will use a wide variety of methodologies to complete the above units, including videos, models, human bones, human skulls, microscopic slides of human cells and tissues; electron micrographs of human cells and tissues, and multiple CD-ROM computer programs. The laboratory is a self-paced computerized laboratory.

CREDIT HOURS: 1

PREREQUISITES: BIOL 210 (previous or concurrent enrollment). This lab course is strongly recommended for all students enrolled in BIOL 210.

BIOLOGY (BIOL) 213 - *Laboratory for BIOL 211*

Students enrolled in this course will examine the anatomy and morphology of human cells, tissues, organs and systems. Students will study the following: 1) the gross and microscopic anatomy of the human brain and spinal cord; 2) the gross anatomy of the peripheral nervous system; 3) the light microscopic and fine structure of human endocrine glands; 4) the gross and light microscopic anatomy of the human digestive system; 5) the gross, light and electron microscopic anatomy of the human heart; 6) the structure and distribution of blood vessels, including capillaries; 7) the light microscopic structure of human blood cells; 8) the structure of the lymphoid system and its cells; 9) the gross anatomy, light microscopic and electron microscopic morphology of the human respiratory system; 10) the gross anatomy, histology and electron microscopic fine structure of the human urinary system; 11) the gross anatomy and histology of the male and female reproductive systems. Students will use a wide variety of methodologies to complete the above units, including videos, models, microscopic slides of human organs, electron micrographs of human organs and multiple CD-ROM computer programs. The laboratory is a self-paced computerized laboratory.

CREDIT HOURS: 1

PREREQUISITES: BIOL 210, BIOL 211 (previous or concurrent enrollment). This lab course is strongly recommended for all students enrolled in BIOL 211.

BIOLOGY (BIOL) 235 - *Fundamentals of Human Nutrition*

This course deals with the chemistry of the basic nutrients, i.e., carbohydrates, proteins, fats, vitamins, minerals and water, and their role in the conservation of health. Metabolic pathways utilized for the assimilation of these nutrients are studied. Maintenance of good nutrition habits are discussed. Relationships between poor nutrition and diseases (cancer, heart disease, diabetes, etc.) are described. Information is presented to reinforce the idea that diet/nutrition is the most important health factor that individuals can control. Learning what comprises a healthy diet, and the selection of such a diet is essential to good health. So-called "new" nutrients and nutritional research developments are discussed. Natural medicines and alternative medicines are also described.

CREDIT HOURS: 3

PREREQUISITES: BIOL 210, CHEM 100, CHEM 101 (or equivalent).

BIOLOGY (BIOL) 280 - *Fundamentals of Microbiology*

This course provides an overview of the microbial world with an emphasis on the structure and function of bacterial cells and their relationship to man and the environment. Both the beneficial and harmful aspects of microorganisms are presented. Considerable emphasis is placed on those microbes that cause infectious diseases in man. Microbial related dynamics addressed in this course include: control of microbial growth; principles of sanitation, disinfection and the use of antimicrobial agents; factors and mechanisms involved in the spread of the causal agents of infectious disease within populations; immunological and other mechanisms of the human body for protection against infectious microorganisms.

CREDIT HOURS: 3

PREREQUISITE: BIOL 210, CHEM 100, CHEM 101 (or equivalent).

BIOLOGY (BIOL) 281 - *Fundamentals of Microbiology Laboratory*

This general laboratory course focuses on the basic principles and procedures used to manipulate and study microorganisms. The course will begin with basic microscopic skills: preparations and staining of specimens, proper use and handling of compound light microscopes, interpretation of visual images. Following the microscopy unit students will learn basic aseptic technique, isolation, cultivation, enumeration and pure culturing skills. After students have developed these basic skills they will expand on these methods to determine experimentally whether bacteria produce various enzymes and hemolysins and to cultivate bacterial viruses. Students will determine the sensitivity of selected bacteria to various methods of microbial control: ultraviolet radiation, heavy metals, antibiotics and disinfectants. A genetics unit will demonstrate the concepts of induced mutations and transformation using antibiotic resistance as a marker. An immunology unit will demonstrate serological methods.

CREDIT HOURS: 1

PREREQUISITES: BIOL 210, BIOL 280 (or equivalent), previous or concurrent enrollment. Permission of the course instructor.

BIOLOGY (BIOL) 290 - *General Microbiology*

General microbiology is an introductory course in which the basic concepts of microbiology are presented. The course begins with a discussion of the functional anatomy, metabolism, growth, control and genetics of bacteria. These discussions provide the foundation in microbiological principles that are subsequently utilized in discussions focusing on the multiplication strategies of viruses and survey of

common bacteria and selected eukaryotic microorganisms. Other topics include the role of microorganisms in the environment and public health. The course concludes with an overview of infectious disease processes.

CREDIT HOURS: 4 (lecture and laboratory)
PREREQUISITES: BIOL 101 or BIOL 210
COREQUISITES: BIOL 102 or BIOL 211

BIOLOGY (BIOL) 300 - *Botany*

A study of the biology of the fungi, the fungus-like protists, the algae (cyanobacteria and protists), the bryophytes, the cryptogams and the phanerogams. Among the phanerogams and emphasis will be placed on the gymnosperms. Topics dealing with their general biology and categorization of the angiosperms will also be presented.

CREDIT HOURS: 3
PREREQUISITES: BIOL 101, 102, 103, and 104;BIOL 345

BIOLOGY (BIOL) 301 - *The History of Biology and Medicine*

This course will study the history of biology and medicine through the following eras: 1) prehistory, 2) ancient China, 3) ancient India, 4) ancient Egypt, 5) ancient Mesopotamia, 6) ancient Greece, 7) Alexandria, 8) ancient Rome, 9) the middle ages, 10) the Renaissance, 11) the New World, 12) the period of Enlightenment and Victorian times, 13) and finally modern biological and medical themes. Selected and significant historical topics in the development of such fields as biochemistry, microbiology, botany, zoology medicine, physiology, anatomy, genetics, embryology, ecology, dentistry, medicine, pharmacology, and surgery will be discussed. Concepts of futuristic biology and medicine will also be developed. The impact of both the biological and medical sciences on society and technology will be described throughout the course.

CREDIT HOURS: 3
PREREQUISITE COURSES: BIOL 101, 102, 103, 104; or BIOL 210, 211, 212, 213.

BIOLOGY (BIOL) 310 - *Fundamentals of Immunology*

Fundamentals of immunology is an introductory course in which both basic and advanced concepts of immunology are presented. The basic concepts presented include, but are not limited to function of the innate defense mechanisms, antigens, development of the immune system, lymphocytes, immunoglobulins, lymphokines inflammation.

Advanced concepts that will be presented are B- and T-lymphocyte ontogeny,

generation of antibody diversity and genetics of the major histocompatibility complex, cytokine networks and immunogenetics. Following the successful completion of the course, the student should have a firm understanding of the organization, function and operation of the immune system in the defense against viruses, bacteria, fungi, parasites, tumors and transplanted courses.

CREDIT HOURS: 3

PREREQUISITES: BIOL 101, BIOL 102, BIOL 103, BIOL 104, BIOL 280, BIOL 281 or BIOL 290, CHEM 101, and CHEM 102 recommended; or completion of 30 credit hours, or a minimum GPA of 3.00, or permission, Dean, Arts and Sciences.

BIOLOGY (BIOL) 312 - *General Genetics*

This course is a study of fundamental hereditary mechanisms and relationships. Emphasis is placed on nucleic acids and the molecular and cytological roles by which genes are distributed and expressed. The course will cover six major units: I. The continuity of life - cell division and genetics. II. Heredity, genes and DNA. III. Expression of genetic information. IV. Recombinant DNA. V. Detection of nucleic acids and proteins. VI. Gene function in eukaryotic cells.

CREDIT HOURS: 3

PREREQUISITES: BIOL 101, BIOL 102, BIOL 103, BIOL 104

BIOLOGY (BIOL) 315 - *Introduction to Kinesiology*

This course is designed to provide the student with a general overview of the principles involved in human motion. Emphasis will be placed on basic principles of kinesiology including: 1) a review of major body systems that are involved in generating movement; 2) an overview of basic biomechanics; 3) an in-depth look at the anatomy (including origin and insertion of muscular attachments) of the major structures and joints of the human body such as : shoulder, elbow, wrist, hand, temporomandibular joint, neck and trunk, pelvic girdle, hip, knee, ankle joint and foot. The course will also involve an in depth look at the actions that occur at these joints.

CREDIT HOURS: 3

PREREQUISITES: BIOL 210, 211, 212, 213, or approval, Dean of Arts & Sciences

BIOLOGY (BIOL) 320 - *Medical/Surgical Observation*

This course is directed at undergraduate, pre-health care students in an effort to introduce them to clinical medicine, its related fields and required training and preparation. Clinical medicine will be integrated with basic biomedical science and research. Each student will complete eight required surgical observation procedures and autopsies at local hospitals. Multiple elective observations are also required. During this course students actual work side by side with physicians and surgeons in the operating room. This course has a limited enrollment. This course cannot be audited.

CREDIT HOURS: 3

PREREQUISITES: BIOL 101, BIOL 102 (equivalent); or two semesters of General Zoology or BIOL 210 and BIOL 211. Basic Chemistry (CHEM 101 or equivalent) recommended; or completion of 30 credit hours, or a minimum GPA of 3.00, or permission of the Dean, Arts and Sciences.

BIOLOGY (BIOL) 330 - *General Histology*

This course will thoroughly investigate and analyze the structure of the cells and tissues that comprise the human body. The two major subdivisions of this course are I. *The structure of cells (cell biology)*: This part of the course will study the fine structure (ultrastructure) of cells. Various techniques and procedures for the study of cellular fine structure will be discussed. These include transmission electron microscopy, scanning electron microscopy, electron microscopy enzyme histochemistry, immunoelectronmicroscopy, x-ray spectroscopic analysis. II. *The second part of the course will examine the structure (light microscopy and electron microscopy) of the four basic tissue types (epithelial tissue, the connective tissue, muscle tissue and nerve tissue)*. Techniques for studying tissues will also be discussed. Structural-functional relationships will be discussed throughout. Relevant histopathology will be incorporated into the course. Students will be required to complete multiple laboratory assignments using assigned computer programs, electron micrographs and a complete histology microfiche set.

CREDIT HOURS: 3

PREREQUISITES: BIOL 210, BIOL 211. BIOL 345 strongly recommended; completion of 30 credit hours, or a minimum GPA of 3.00, or permission of the Dean, Arts and Sciences.

BIOLOGY (BIOL) 331 - *Microscopic Anatomy*

This course will investigate thoroughly and analyze the light and electron microscopic structure of the cells and tissues that comprise the organs of the human body. All lectures will discuss the light microscopic histology, the ultra-structure and the molecular structure of human cells and tissues. Functional and structural specializations will be described and discussed in detail. Changes in cell structure related to disease process, i.e., cellular pathology of histopathology, will also be described. Organs and systems to be covered include the following: the cardiovascular system: the heart, arteries, veins and capillaries; the brain and spinal cord: myelinated and non-myelinated nerves; the endocrine system: the adenohypophysis, the neurohypophysis, the pineal gland, the thyroid and the parathyroid glands, the islets of Langerhans; the adrenal medulla and the adrenal cortex; the digestive system: stomach, small intestine, large intestine; salivary glands, liver, gall bladder; the respiratory system: bronchi, bronchioles, alveoli, respiratory membrane; the urinary system: kidneys, glomeruli and nephrons; and the male and female reproductive systems: ovaries, testes, various ducts, etc. Like BIOL 330, this course also has a laboratory component.

CREDIT HOURS: 3

PREREQUISITES: BIOL 210, BIOL 211. BIOL 345 strongly recommended; completion of 30 credit hours, or a minimum GPA of 3.00, or permission of the Dean, Arts and Sciences.

BIOLOGY (BIOL) 345 - *Cell Biology*

This course will present information related to cytology cellular physiology and molecular biology. The primary concepts to be presented will include the following: I. An overview of cells and cell research. II. The flow of genetic information. III. Cell structure and function. IV. Cell regulation. Specific topics to be covered are 1) the organization of cellular genomes; 2) replication, maintenance and rearrangements of genomic DNA; 3) RNA; 4) protein synthesis; 5) the nucleus; 6) the ER, Golgi complex and lysosomes and their role in protein sorting and transport; 7) mitochondria, peroxisomes, glyoxysomes and chloroplasts in bioenergetics and metabolism; 8) the cytoskeleton and its role in cell movement and form; 9) the plasmalemma and the cell surface; 10) cell signaling; 11) the cell cycle; 12) and cancer. Research in cell biology and contemporary techniques for studying cells will be emphasized throughout the course.

CREDIT HOURS: 3

PREREQUISITES: BIOL 210 and BIOL 211, BIOL 212 and BIOL 213 recommended, or CHEM 101, CHEM 102, BIOL 235; or completion of 30 credit hours; or a minimum GPA of 3.00; or permission of the Dean, Arts and Sciences.

BIOLOGY (BIOL) 349 - *General Parasitology*

In this course, students will learn about the major parasites of humans and domesticated animals (cattle, sheep, dogs, horses, etc.). This experience will include 1) epidemiology, 2) evolution, morphology, and natural history. The amazingly complex, yet successful life cycles of these animals will be related in detail.

CREDIT HOURS: 3

PREREQUISITES: Students must be enrolled in either the Human Medicine B.S. Degree program or the Biology B.S.; 6 credit hours CHEM; 9 credit hours of 200, 300, or 400 level BIOL courses.

BIOLOGY (BIOL) 350 - *Principles of Ecology*

This course describes the fundamental ecological principles governing the structure and function of populations, communities, and ecosystems. Ecology is a holistic (broad-based and integrative) approach to understanding living things as they relate to both their physical environment and to each other. It is the interactions of living things that provide the data for ecological studies.

CREDIT HOURS: 3

PREREQUISITE COURSES: BIOL 101, 102, 103, 104; or BIOL 210, 211, 212, 213.

BIOLOGY (BIOL) 355 - *Advanced Nutrition*

This course examines contemporary ideas with regard to the role of nutrition in human health and disease. Reasons for the growth and popularity of nutritional therapies as a practical alternative to a contemporary medical and pharmacological practices are presented. Recent developments in nutrition research as related to effective alternative medicine are described. The role of poor nutrition in the etiology of many health related problems is presented. Alternatively, the role of nutrition and nutrients in health maintenance and disease prevention are discussed. Diseases with strong nutritional links will be described. These include cancer and carcinogenesis, heart disease, vascular disease, diabetes, chronic inflammatory disease (arthritis), neurological disorders, bone disease (osteoporosis), genetic disease and birth defects. The "sugar-busters" concept will be described and discussed in detail. Much emphasis will be placed on such so-called "new" nutrients such as the super-antioxidants and anti-cancer nutrients (proanthocyanidin, alpha-lipoic acid, glutathione, bioflavonoids, bilberry extract, ginkgo biloba extract, green tea extract, Tumeric, lycopene, Echinacea), natural anti-arthritics (glucosamine, chondroitin sulphate, methylsulfonylmethane or

MSM), important amino acids for maintaining normal brain function (S-adenosyl methionine or SAM, L-cysteine, L-glutamic acid) natural anti-hypertensives, (Gastrodia elata, Uncaria rhynchophilia, Prunella vulgaris, Chrysthanemum indicum, Apocynum venetum, Eucommia ulmoides, Cassia obtusifolia, Rauwolfia yunnanensis), natural blood glucose lowering agents (Gymnema sylvestri, vanadium, chromium, alpha-lipoic acid) and natural blood lipid lowering agents (chitosan, chitosol).

CREDIT HOURS: 3

PREREQUISITES: BIOL 101, BIOL 102, BIOL 103, BIOL 104, BIOL 235, CHEM 101, CHEM 102, CHEM 103, CHEM 104, CHEM 201, CHEM 202 strongly recommended; or completion of 30 credit hours, or a minimum GPA of 3.00, or permission, Dean, Arts and Sciences.

BIOLOGY (BIOL) 381 - *Pathogenic Microbiology*

Pathogenic microbiology will emphasize the pivotal balance between microbial mechanisms of virulence and host defenses. The course will begin with an overview of the disease process and the types of pathogens. Next, a unit on innate and acquired host defences will be presented. Mechanisms used by pathogens to overcome or inactivate host defences will be emphasized throughout the course. The remaining portion of the course will be comprised of units covering selected bacterial, viral, protozoan, fungal and helminth pathogens. The course will conclude with a study on the evolution and emergence of infectious diseases.

CREDIT HOURS: 3

PREREQUISITES: BIOL 101, BIOL 102, BIOL 103, BIOL 104, BIOL 280 and BIOL 281 or BIOL 290. CHEM 101, CHEM 102, CHEM 201 and CHEM 202 strongly recommended; or completion of 30 credit hours, or a minimum GPA of 3.00, or permission, Dean, Arts and Sciences.

BIOLOGY (BIOL) 410 - *Fundamentals of Immunology and Immunology Laboratory*

BIOL 310 plus a 1 credit hour immunology laboratory. Laboratory topics will cover various aspects of innate immunity, organs, tissues, and cells of the immune system and serology as it applies to clinical medicine. The laboratory meets 3 hours per week.

CREDIT HOURS: 4

PREREQUISITES: BIOL 101, BIOL 102, BIOL 103, BIOL 104, BIOL 280 and BIOL 281 or BIOL 290. CHEM 101, CHEM 102, CHEM 201 and CHEM 202 strongly recommended; or completion of 60 credit hours, or a minimum GPA of 3.50, or permission, Dean, Arts and Sciences.

BIOLOGY (BIOL) 450 - *Endocrinology*

This course will present the various types of hormones (polypeptide, protein, steroid, fatty acid, cytokines, etc.) and their mechanism(s) of action on specific target cells. The individual endocrine glands will then be surveyed with regard to their structure and function. The role of hormones as in cell-to-cell communication and the regulation of systemic metabolism and homeostasis will be studied in detail. Information regarding the specific endocrine glands and their specific secretory (hormonal) products, their function, biochemistry and physiology will be presented. Both the traditional and the so-called "new" endocrine glands (skin, kidney, heart, etc.) will be evaluated. Clinical relationships between endocrine hyposecretion and hypersecretion, as related to a broad spectrum of endocrine and homeostatic disorders, will be presented in detail. Multiple laboratory assignments will be required.

CREDIT HOURS: 3

PREREQUISITES: BIOL 101, BIOL 102, BIOL 103, BIOL 104, BIOL 210, BIOL 211, CHEM 101, CHEM 102, CHEM 201 and CHEM 202 strongly recommended; or completion of 60 credit hours, or a minimum GPA of 3.50, or permission, Dean, Arts and Sciences.

BIOLOGY (BIOL) 455 - *Oncology and Tumor Cell Biology*

This course will endeavor to instruct students on the development and causes of cancer. Students will study the basic cell biology, biochemistry and molecular biology of cancer cells and tumors. Current ideas with regard to cancer prevention and treatment will also be discussed; the latter will include the role of nutrition in the treatment and prevention of carcinogenesis and tumorigenesis. Assigned biomedical journal readings will be used throughout the course as supportive information for all lectures and text assignments. Some Internet sites will also be utilized. Some laboratory assignments will also be required.

CREDIT HOURS: 3

PREREQUISITES: BIOL 101, BIOL 102, BIOL 103, BIOL 104, BIOL 235, BIOL 280 BIOL 290. CHEM 101, CHEM 102, CHEM 201 and CHEM 202 strongly recommended; or completion of 60 credit hours, or a minimum GPA of 3.50, or permission, Dean, Arts and Sciences.

BIOLOGY (BIOL) 460 - *Human Cardiovascular Anatomy and Physiology*

This course will investigate thoroughly and discuss the normal structure, function and biochemistry/pharmacology, as well as the pathophysiology of the heart, blood vessels, capillaries, blood and lymphoid system. The following topics will be emphasized: 1) the special properties of cardiac muscle; 2) the events of the cardiac cycle; 3) the regulation of the heart rate and cardiac rhythm; 4) the ECG/EKG; 5) the physiology of elastic and muscular arteries; 6) the regulation of blood pressure; 7) capillary transport; 8) the structure and function of the blood cells; 9) red blood cells and gas transport; 10) the function of the white blood cells, including the B and T-lymphocytes; 11) extrinsic and intrinsic blood clotting; 12) and the fetal circulation. The pharmacodynamics of the cardiovascular system will also be discussed. Clinically, topics such as cardiac arrhythmias, hypertension, hypercholesterolemia, LDLs, HDLs and atherosclerosis, and heart transplants will be evaluated. Computer laboratory assignments will be used to visually enhance didactic concepts.

CREDIT HOURS: 3

PREREQUISITES: BIOL 101, BIOL 102, BIOL 103, BIOL 104, BIOL 210, BIOL 211, BIOL 235, CHEM 101, CHEM 102, CHEM 201 and CHEM 202 strongly recommended; or completion of 60 credit hours, or a minimum GPA of 3.5, or permission, Dean, Arts and Sciences.

BIOLOGY (BIOL) 465 - *Human Neuroanatomy and Neurophysiology*

This course will investigate and discuss the normal structure and function of neurons, the functional units of the nervous system. This will include details on resting membrane potentials, action potentials and other aspects of bioelectricity. The structure and neurochemistry of synapses also will be described including information relevant to “new” neurotransmitters. The structure and function of the brain and spinal cord will be discussed in detail including specific nerve nuclei and tracts (ascending and descending). Some topics for conversation and discussion will include 1) the structure and function of nerve cells and synapses; 2) bioelectricity, action potentials and nerve impulses; 3) the CSF and the physiology of intracranial pressure; 4) the structure and function of the cerebrum, cerebellum and brain stem, including specific nerve nuclei; 5) the cranial nerves; 6) the spinal cord, ascending and descending pathways; 7) the biochemistry of neurotransmitters and neuropeptides; 8) growth and repair in the nervous system. Whenever possible fundamental information and related clinical correlations will be presented and discussed.

CREDIT HOURS: 3

PREREQUISITES: BIOL 101, BIOL 102, BIOL 103, BIOL 104, BIOL 210, BIOL 211, BIOL 235, CHEM 101, CHEM 102, CHEM 201 and CHEM 202 strongly recommended; or completion of 60 credit hours, or a minimum GPA of 3.5, or permission, Dean, Arts and Sciences.

BIOLOGY (BIOL) BIOL 470 - *The Structure and Function of the Urinary System.*

This is an advanced anatomy and physiology course designed primarily for pre-med (human medicine) majors. The course will describe primarily the role of the kidneys in the regulation of: osmotic balance, electrolyte balance and pH balance as required for the maintenance of in cellular and total body homeostasis. The physiology of nephrons, the functional units of the kidney, in glomerular filtration, tubular reabsorption and tubular secretion will be detailed. The countercurrent mechanisms involved in these activities will be described. In addition, contemporary ideas with regard to the role of the kidneys in other biological and physiological activities will be discussed. These include: 1) the role of the kidney in blood pressure regulation; 2) the role of the kidney in Ca⁺⁺ homeostasis; 3) the role of the kidney in erythropoiesis, 4) and others. The course will close with a discussion of renal pathophysiology. The course does have a laboratory component. This will involve studies on: 1) the gross anatomy of the kidneys; 2) the histology of the kidneys; and 3) the electron microscopy of a nephron

CREDIT HOURS: 3

PREREQUISITE COURSES: BIOL 210, 211, 212, 213.

BIOLOGY (BIOL) 472 - *The Structure and Function of the Respiratory System.*

This is an advanced anatomy and physiology course designed primarily for pre-med (human medicine) majors. The course will describe primarily the anatomy and physiology of respiration of the respiratory system. The course will emphasize: 1) the mechanics of respiration (inspiration and expiration); 2) the physiology of pulmonary gas exchange (external respiration) and blood - tissue gas exchange (internal respiration); 3) the transport of the respiratory gasses through the cardiovascular system. The role of the respiratory system in acid base balance will be described. Neural mechanisms regulating respiration will also be discussed. The pathophysiology of the respiratory system, involving chronic obstructive pulmonary disorders (COPD's), will be studied.

CREDIT HOURS: 3

PREREQUISITE COURSES: BIOL 101, 102, 103, 104; or BIOL 210, 211, 212, 213

BIOLOGY (BIOL) 480 - *Pathogenic Microbiology and Laboratory*

BIOL 380 plus a 1 credit hour pathogenic microbiology laboratory. The laboratory meets 3 hours per week.

CREDIT HOURS: 4

PREREQUISITES: BIOL 210, BIOL 211, BIOL 280, BIOL 281. CHEM 101 and CHEM 102 recommended or permission of the Dean of the Division of Arts and Sciences.

BIOLOGY (BIOL) 482 - *Introduction to Virology*

Introduction to virology is intended to familiarize students with the basic of importance to human disease. The course is a concept oriented course which will focus primarily on the molecular events of viral multiplication and the interactions between the virus and the host at the cellular and organismic level. Specific aspects of viral multiplication which will be addressed are elements of host cell tropism, entry and penetration, biosynthetic strategies and maturation of virions. Virus-host interactions will include a discussion of host cell defenses, the interferons and other naturally occurring or synthetic antivirals, as well as the principle effectors of the immune system responsible for viral clearance and the prevention of reinfection. The principles of persistent viral infections are discussed.

CREDIT HOURS: 3

PREREQUISITES: BIOL 101, BIOL 102, BIOL 103, BIOL 104, BIOL 280, BIOL 281 or BIOL 290, CHEM 101, CHEM 102, CHEM 201, CHEM 202 strongly recommended; or completion of 60 credit hours, or a minimum GPA of 3.50, or permission, Dean, Arts and Sciences.

BIOLOGY (BIOL) 490 - *Biology Seminars*

Research and journal presentations by faculty , guest and upper level (junior, senior) biology majors.

CREDIT HOURS: 1 (may be taken more than one time)

PREREQUISITES: Completion of 30 credit hours of Biology.

BIOLOGY (BIOL) 495 - *Human Medicine Seminar*

This course is a series of one hour seminars presented by both students and faculty. All presentations and reviews will involve the presentation and discussion of significant new research and clinical information related to human medicine. Students will select topics from either the medical literature or the Internet. Students will then prepare an annotated and illustrated reports for presentation and discussion at class meetings. Audio-visual techniques must be utilized during all student lectures. Each student will make multiple presentations during the semester. Grades will be based on the thoroughness and understanding of the subject mater as demonstrated by both the written reports and the class presentations by each individual student. In class participation will also be evaluated. The format for this course is not unlike that of a journal club. During the first weeks of the course, involved faculty will present demonstrative seminars to students. Course can be taken for credit twice or 2 credit hours.

CREDIT HOURS: 1 (May be taken more than one time)

PREREQUISITE COURSES: Students must be enrolled in the Human Medicine Degree Program; 12 cr hrs chemistry; 12 cr hrs of 200, 300, 400 BIOL courses.

BIOLOGY (BIOL) 499 - *Research Problems in Biology/Medicine.*

This course introduces students to basic scientific research and the techniques used in basic scientific research. A faculty mentor will direct and oversee all student endeavors, starting with the development of the initial scientific question, continuing through laboratory methodologies and culminating with the discussion and oral presentation of the results.

CREDIT HOURS: 1 - 6

PREREQUISITE COURSES: Junior Standing, Human Medicine Major or Biology Major. Completion of 60 Credit Hrs.

CHEMISTRY (CHEM) 100 - *Introduction to Chemistry*

This is a fundamentals of chemistry course. The course is subdivided into inorganic chemistry, organic chemistry and biochemistry.

CREDIT HOURS: 3

PREREQUISITES: None

CHEMISTRY (CHEM) 101 - *Fundamentals of Chemistry-I*

This course will begin with a description of the scientific method and will subsequently progress to discussions on basic chemical measurements and the fundamentals of atomic structure and the periodic table. Such basic principles subsequently will be expanded to include discussions on covalent bonds, ions and molecules. These topics will be followed by units on chemical reactions, solutions, equilibria, acids, bases and pH.

CREDIT HOURS: 3

PREREQUISITES: None

CHEMISTRY (CHEM) 102 - *Fundamentals of Chemistry-II*

CHEM 102 builds on and expands the basic chemical principles learned in CHEM 101. This course begins with a discussion of the theories of chemical bonding and molecular shapes. This is followed by a brief overview of the bonding properties of carbon and the structural aspects of organic compounds.

Most of the course is devoted to chemical reactions, with emphasis on quantitative and conceptual features of reaction dynamics. Units include chemical kinetics, equilibrium, transition state theory and chemical thermodynamics. Application of these concepts will include units covering equilibria of acid-base systems and ionic systems (buffers, solubility, complex ions). The purpose of CHEM 102 is to provide students with a strong foundation in understanding chemical reactions as dynamic processes. These process have wide applications in most natural phenomena.

CREDIT HOURS: 3

PREREQUISITES: CHEM 101, CHEM 103, CHEM 104 (previous or concurrent enrollment)

CHEMISTRY (CHEM) 103 - *Laboratory for CHEM 101*

This course introduces the student to basic laboratory techniques and equipment used in the study of primarily inorganic elements and compounds. Hands on experiments will demonstrate the principles of: chemical analysis of solutions and mixtures, water analysis by oxidation-reduction, chemical equilibria in acid-base systems and mass conservation by analysis of the products of chemical transformations. Students also will be introduced to simple organic substances.

CREDIT HOURS: 1 (lab meets 3 hours per week)

PREREQUISITES: CHEM 101, previous or concurrent enrollment. Permission of the instructor.

CHEMISTRY (CHEM) 104 - *Laboratory for CHEM 102*

This course introduces students to the basic laboratory techniques and equipment used to analyze and manipulate organic and biological chemical substances. The focus in most experiments is the analysis and manipulation of organic chemicals of importance in biological systems. Students will learn to measure the activities of enzymes and learn techniques for the separation and mass determination of nucleic acids and proteins by electrophoresis. Other experiments will allow hands on experience in the purification of complex biomolecules from complex mixtures based on solubility, phase partitioning and chromatography.

CREDIT HOURS: 1 (lab meets 3 hours per week)

PREREQUISITES: CHEM 101, CHEM 103; CHEM 102, (previous or concurrent enrollment)

CHEMISTRY (CHEM) 201 - *General Organic Chemistry I*

A study of the compounds of carbon and includes the study of aliphatic and aromatic compounds. Course will include discussions on the biological aspects of organic chemistry.

CREDIT HOURS: 3

PREREQUISITES: CHEM 101, CHEM 102, CHEM 103, CHEM 104.

CHEMISTRY (CHEM) 202 - *General Organic Chemistry II*

A continuation of CHEM 201. Course will discuss carbon compounds containing carbonyl, carboxylic acid, amine, and pheno-functional groups. Relationships with biological chemistry will be described.

CREDIT HOURS: 3

PREREQUISITES: CHEM 201 and CHEM 203 or equivalent.

CHEMISTRY (CHEM) 203 - *General Organic Chemistry I Laboratory*

This course will introduce chemistry students to basic laboratory operations and procedures. Techniques of organic chemistry will be described, including an introduction to spectroscopy. Computer analyses will be utilized.

CREDIT HOURS: 1 (lab meets 3 hours per week)

PREREQUISITES: CHEM 101 (previous or concurrent enrollment)

CHEMISTRY (CHEM) 204 - *General Organic Chemistry II Laboratory*

A continuation of CHEM 203. This course will acquaint chemistry students with important laboratory operations. The course will stress reactions and synthesis. Computer analyses will be utilized.

CREDIT HOURS: 1 (lab meets 3 hours per week)

PREREQUISITES: CHEM 202 prerequisite or corequisite.

CHEMISTRY (CHEM) 255 - *Analytical Chemistry*

This course deals with equilibria, titrations, electrochemistry, chromatography and a variety of spectroscopic techniques. The latter include nuclear magnetic resonance (NMR), UV/vis and mass spectrometry (MS). The steps in chemical analyses, unit conversions, determination of chemical concentrations and the preparation of solutions are described in relation to analytical chemistry. The course encompasses methods for calibrating analytical equipment and a description of the statistical methods that can be used to evaluate experimental error.

CREDIT HOURS: 2
PREREQUISITES: CHEM 101, CHEM 102, CHEM 103, CHEM 104
COREQUISITES: CHEM 256

CHEMISTRY (CHEM) 256 - *Laboratory for CHEM 255*

This course is an analytical chemistry laboratory that deals with experiments involving titrations, electrochemistry, chromatography and a variety of spectroscopic techniques. Chemical measurements involve unit conversions, solution preparations and the use of basic analytical chemistry equipment. Statistical analysis and error determinations are applied to the various analytical experiments performed during the course.

CREDIT HOURS: 1 (lab meets three hours per week)
PREREQUISITES: CHEM 101, CHEM 102, CHEM 103, CHEM 104
COREQUISITES: CHEM 255

CHEMISTRY (CHEM) 335 - *Biochemistry*

This course will be comprised of approximately 15 - 20 units. Students will study: 1) the basic biochemical molecules, their structure and functions. These will include: proteins, enzymes, lipids, carbohydrates (including glycogen metabolism and gluconeogenesis) and nucleic acids (including replication, transcription and protein synthesis). 2) Studies on intermediary metabolism will include: glycolysis, the pentose phosphate pathway, the citric acid cycle (Krebs or TCA cycle), oxidative phosphorylation, lipid metabolism, amino acid metabolism. 3) Students will also study signal transduction pathways and mechanisms involved in the action of hormones and neurotransmitters.

CREDIT HOURS: 3
PREREQUISITES: CHEM 101, CHEM 102, CHEM 103, CHEM 104, CHEM 201, CHEM 202, CHEM 203, and CHEM 204

COMPUTER SCIENCE (CSCI) 100 - *Introduction to Computers*

Today computer literacy is absolutely essential to many fields, especially in the health sciences. This course is predicated on this fact and introduces students to the basics of computer science, with an emphasis on developing proficiency performing essential computer tasks (e.g. e-mail, surfing the INTERNET, word processing, spreadsheets, making presentations). Using the latest computer equipment and Windows 95 and NT based programs, students receive direct hands-on instruction, with the majority of class time spent in a computer lab.

CREDIT HOURS: 3
PREREQUISITES: None

ENGLISH (ENGL) 010 - *Introduction to English Composition*

This is a developmental writing course designed as preparation for ENGL 101 - English I. The course focuses on grammar as a communicative tool as well as sentence and paragraph structure. ENGL 010 provides an intensive review of grammar/mechanics, introduction to writing as a process, and opportunities to strengthen reading skills.

CREDIT HOURS: 3 — not for degree credit
PREREQUISITES: Placement determined by ACT test score and/or writing sample. Enrollment as an elective is encouraged.

ENGLISH (ENGL) 101 - *English I*

This course is an introductory, college level writing course. The course focuses on writing as a process, effective writing style and the features of specific writing tasks. Students are encouraged to examine and appropriately revise their own reading and writing habits. Likewise, students are exposed to theories, strategies and tools that can successfully assist them in completing of real life rhetorical tasks.

CREDIT HOURS: 3
PREREQUISITES: ENGL 010 or placement by ACT test score and/or by writing sample.

ENGLISH (ENGL) 102 - *English II*

English Composition II builds upon the basic reading, writing and critical thinking skills presented in ENGL 101. Emphasis is placed on critical thinking, analytical reading, and strategies for presenting ideas supported by sound reasoning, convincing evidence and language appropriate to the task and audience. The course provides practical experience in written and oral communication, computers and composition, conflict resolution, critical analysis and library research. Class sessions are interactive and involve lecture, discussion, group projects, viewing of films and writing tasks.

CREDIT HOURS: 3
PREREQUISITES: ENGL 101

ENGLISH (ENGL) 200 - *Introduction to Literature*

This course is designed to introduce students to basic features of the three major literary forms: fiction, poetry, drama. The class meets for three hours per week during regular semesters and six hours per week during the summer semester. Course sessions are interactive. In addition to lecture, sessions include discussion, writing tasks, group activities, and presentations. Two critical analysis papers are required.

CREDIT HOURS: 3
PREREQUISITES: ENGL 101

ENGLISH (ENGL) 221 - *British Literature - II.*

This course continues the survey of major British literary history begun in ENGL 220. Study begins with the 19th century and ends with the present day. Course sessions are interactive. In addition to lecture, sessions include discussion, writing tasks, group activities, and presentations. One analytical paper and one class presentation are required.

CREDIT HOURS: 3
PREREQUISITE COURSES: ENGL 200 or permission of the instructor.

ENGLISH (ENGL) 211 - *Academic Discourse*

This advanced composition course prepares students to meet the rhetorical (reading/writing) demands of courses within three major academic areas: humanities, social sciences, and natural sciences. The literary conventions, standards,

tools, and practices of all three “discourse communities” are surveyed, and students focus their semester projects within their major academic discipline or area of interest. The class meets for three (3) hours per week for the first eight (8) weeks. During the remainder of the semester, students work independently on their projects and meet as a class for one (1) hour per week.

CREDIT HOURS: 3

PREREQUISITES: ENGL 102 or permission of the instructor.

ENGLISH (ENGL) 220 - *British Literature I*

This course provides a survey of major British literary events and works occurring from the Middle Ages through the 18th century. Course sessions are interactive. In addition to lecture, sessions include discussion, writing tasks, group activities, and presentations. One analytical paper and one class presentation are required.

CREDIT HOURS: 3

PREREQUISITES: ENGL 200 or permission of the instructor.

ENGLISH (ENGL) 221 - *British Literature II*

This course continues the survey of major British literary history begun in ENGL 220. Study begins with the 19th century and ends with the present day. Course sessions are interactive. In addition to lecture, sessions include discussion, writing tasks, group activities, and presentations. One analytical paper and one class presentation are required.

CREDIT HOURS: 3

PREREQUISITES: ENGL 200 or permission of the instructor.

ENGLISH (ENGL) 230 - *American Literature I*

This course provides a survey of major American literary events and works occurring from the Colonial Period through approximately mid-19th century with the works of Walt Whitman and Emily Dickinson. Course sessions are interactive. In addition to lecture, sessions include discussion, writing tasks, group activities, and presentations. One analytical paper and one class presentation are required.

CREDIT HOURS: 3

PREREQUISITES: ENGL 200 or permission of the instructor.

ENGLISH (ENGL) 231 - *American Literature II*

This course continues the survey of major American literary history begun in ENGL 230. Study begins with the second half of the 19th century and ends with the present day. Course sessions are interactive. In addition to lecture, sessions include discussion, writing tasks, group activities, and presentations. One analytical paper and one class presentation are required.

CREDIT HOURS: 3

PREREQUISITES: ENGL 200 or permission of the instructor.

ENGLISH (ENGL) 275 - *Introduction to Language*

In this introductory language course, students explore language structure (including phonetics, phonology, morphology, syntax, semantics and pragmatics) and related topics such as writing systems, animal communication, and the history and cultural significance of language. Class sessions will include lectures, discussions and videos. Reading assignments and writing tasks are required.

CREDIT HOURS: 3

PREREQUISITES: ENGL 101

ENGLISH (ENGL) 276 - *History of the English Language*

This course examines the development of the English language from Old English times to the modern English period.

CREDIT HOURS: 3

PREREQUISITE COURSES: None.

ENGLISH (ENGL) 300 - *Studies in Fiction*

This course exams the forms, theories and history of the two major forms of fiction: the novel and the short story. Course sessions are interactive. In addition to lecture, session include discussion, writing tasks, group activities and presentations.

CREDIT HOURS: 3

PREREQUISITES: ENGL 200 or permission of the instructor.

ENGLISH (ENGL) 301 - *Studies in Poetry*

This course examines the forms, theories, and history of poetic literature. Course sessions are interactive. In addition to lecture, sessions include discussion, writing tasks, group activities, and presentations. One analytical paper and one class presentation are required.

CREDIT HOURS: 3

PREREQUISITES: ENGL 200 or permission of the instructor. ENGL 211 encouraged.

ENGLISH (ENGL) 302 - *Studies in Dramatic Literature*

This course examines the forms, theories, and history of dramatic literature. Course sessions are interactive. In addition to lecture, sessions include discussion, writing tasks, group activities, and film. One analytical paper and attendance at one or more live plays are required.

CREDIT HOURS: 3

PREREQUISITES: ENGL 200 or permission of the instructor. ENGL 211 encouraged.

ENGLISH (ENGL) 310 - *Creative Writing*

This course offers students an opportunity to practice writing literary forms they may have read independently or in other courses, namely poetry and short fiction. The emphasis is on the composition and critique of poems and short stories. Reading assignments focus on both classic and contemporary examples of the genres studies.

CREDIT HOURS: 3

PREREQUISITES: ENGL 101

ENGLISH (ENGL) 311 - *Technical Writing*

Technical writing develops skills needed to compose objective, informative proposals, reports and presentations for specialized audiences in science, business, government and industry. Class sessions involve lecture, discussions, group activities and writing tasks.

CREDIT HOURS: 3

PREREQUISITES: ENGL 102

ENGLISH (ENGL) 320 - *Literature and the Visual Arts* (ENGL/ART 320)

This course examines the relationship of the literary and visual arts. Comparative study focuses upon various practices, critical theories, and social, historical, and philosophical concepts that cross artistic boundaries and influence specific works of literature and/or visual arts. Class sessions include lecture, discussion, film and slide presentations, and group activities. Critical thinking is encouraged as students apply concepts to analysis of fiction, poetry, paintings and sculpture from Western and Non-Western cultures. One analytical research paper and several short class presentations are required. The course is team taught by faculty from the English and the art disciplines. Credit may be earned for either ENGL 320 or ART 320 but not for both.

CREDIT HOURS: 3

PREREQUISITES: ENGL 200 recommended.

ENGLISH (ENGL) 330 - *Literature and Music* (ENGL/MUSI 330)

This course examines the relationship of the literary and musical arts. Comparative study focuses upon various practices, critical theories, and social, historical, and philosophical concepts that cross artistic boundaries and influence specific works of literature and/or music. Class sessions include lecture, discussion, film and audio presentations, and group activities. Critical thinking is encouraged as students apply concepts to analysis of fiction, poetry, and musical compositions from Western and Non-Western cultures. One analytical research paper and several short class presentations are required. The course is team taught by faculty from the English and the music disciplines. Credit may be earned for either ENGL 330 or MUSI 330 but not for both.

CREDIT HOURS: 3

PREREQUISITES: ENGL 200 recommended.

ENGLISH (ENGL) 400 - *Introduction to Critical Theory*

This course presents an historical survey of critical thought about the nature and function of reading, writing and written language. Beginning with the Greek philosophers and ending with postmodernist theorists, students study and apply concepts to specific works of fiction, poetry, drama, history, and biography. Class sessions include lecture, discussion, and group activities. One analytical research paper focusing on a book length work of the student's choice from a pre-approved list is required.

CREDIT HOURS: 3

PREREQUISITES: ENGL 200 or permission of the instructor. ENGL 211 recommended.

ENGLISH (ENGL) 420 - *Special Topics in British Literature*

This course focuses upon a specific author, theme, period, or genre in British literary history. Class sessions may include lecture, discussion, and film. One analytical research paper is required. This course may be taken for credit more than once when topics differ.

CREDIT HOURS: 3

PREREQUISITES: ENGL 200 or permission of the instructor. ENGL 211 and ENGL 400 encouraged.

ENGLISH (ENGL) 430 - *Special Topics in American Literature*

This course focuses upon a specific author, theme, period, or genre in American literary history. Class sessions may include lecture, discussion, film, and presentations. One analytical research paper is required. This course may be taken for credit more than once when topics differ.

CREDIT HOURS: 3

PREREQUISITES: ENGL 200 or permission of the instructor. ENGL 211 and ENGL 400 encouraged.

ENGLISH (ENGL) 440 - *Special Topics in World Literature*

This course focuses upon a specific author, theme, period, or genre in the literary heritage of a specific culture other than British or American. Works in translation are assigned. Class sessions may include lecture, discussion, film, and presentations. One analytical research paper is required. This course may be taken for credit more than once when topics differ.

CREDIT HOURS: 3

PREREQUISITES: ENGL 200 or permission of the instructor. ENGL 211 and ENGL 400 encouraged.

ENGLISH (ENGL) 450 - *Senior English Project*

This independent study course allows senior English majors opportunity to pursue personal interests while practicing skills necessary for scholarly research and critical analysis of a literary work, genre, author, or period. Students who

complete this course should be ready to begin graduate studies in an English program. Under close faculty supervision, the student designs and completes a project that must include development of an annotated bibliography and an analytical research paper suitable as a student presentation at a professional conference or for publication in a journal accepting undergraduate writing on a literary subject.

CREDIT HOURS: 3

PREREQUISITES: ENGL 200, ENGL 211, ENGL 400, 24 hours of additional ENGL course work and permission of the instructor.

HISTORY (HIST) 101 - *World History I*

This course introduces basic historical concepts and seeks to impart information regarding the sweep of human history. Major movements and personalities in world history are highlighted. Further, the course focuses upon the factors which have impacted the development of the major cultures of our world and establishes a foundation for developing an understanding of the forces which continue to shape the modern world.

CREDIT HOURS: 3

PREREQUISITES: None

HISTORY (HIST) 102 - *World History II*

A continuation of HIST 101. This course will discuss and describe the forces that have shaped and developed our world from the year 1650 to the present day.

CREDIT HOURS: 3

PREREQUISITES: HIST 101

HISTORY (HIST) 103 - *American History I*

A survey course of United States History. This course will discuss and describe the significant events of American history from the discovery of America to the year 1876.

CREDIT HOURS: 3

PREREQUISITES: None

HISTORY (HIST) 104 - *American History II*

This course is a continuation of HIST 103. The significant events of American history from 1876 to the present day will be described and discussed.

CREDIT HOURS: 3

PREREQUISITES: HIST 103

MATHEMATICS (MATH) 011 - *Introduction to Algebra*

The purpose of this course is to provide the student with the computational skills needed to study college algebra. Problem solving is emphasized throughout the course. This is a one semester course covering standard topics such as linear equations and Inequalities, Polynomials and Factoring, Rational Expressions, Radicals and Complex Numbers, and Quadratic Functions and Inequalities.

CREDIT HOURS: 3 — not for degree credit

PREREQUISITES: All students must complete the College's Mathematics Placement Examination (ASSET) prior to enrollment. Enrollment as an elective is encouraged.

MATHEMATICS (MATH) 105 - *Applied Finite Mathematics*

This course illustrates contemporary uses of mathematics for students who desire an exposure to mathematics as part of a liberal education. Topics include: Principles of Reasoning, Basic Statistics, Exponential growth and decay, Measurement/Unit Analysis, Mathematical Modeling, and Financial Management.

CREDIT HOURS: 3

PREREQUISITE COURSES: Completion of Math 011. Placement determined by ACT/SAT test score.

MATHEMATICS (MATH) 112 - *College Algebra*

The purpose of college algebra is to provide the student with computational skills needed to solve a variety of problems. The student will see a wide range of techniques and strategies applied to problem solving. Problem solving is emphasized throughout the course. This is a one semester course covering such standard

topics as functions and graphs, polynomial functions, graphs and zeros, rational functions and conic sections, exponential and logarithmic functions, and systems of equations and inequalities.

CREDIT HOURS: 3

PREREQUISITES: MATH 011 or placement by College's Mathematics Placement Examination (ASSET) prior to matriculation.

MATHEMATICS (MATH) 120 - *Plane Trigonometry*

This course will be presented through the use of cooperative and interactive learning. Critical thinking and open ended questions and explorations will be used when appropriate. Problem solving will be emphasized throughout the course. This is a one semester course covering such standard topics as: trigonometric functions and identities, inverse trigonometric functions, graphs, solving triangles and equations, complex numbers and polar coordinates. Students will study the definitions of the trigonometric functions. Relationships between trigonometric functions will be studied as identities are established. The identities are particularly needed by students going on to a course in calculus. Graphs will give a geometric representation for both trigonometric and inverse trigonometric functions.

CREDIT HOURS: 3

PREREQUISITES: MATH 112

MATHEMATICS (MATH) 250 - *Calculus*

This course will provide an introduction to differential and integral calculus for students majoring in life sciences (Biology, Medicine) and behavioral sciences. The topics will include: limits, the first and second derivative, the first and second derivative tests for relative extrema, the definite and indefinite integral, and the Fundamental Theorem of Calculus. Calculus will be used to solve real world problems, including those associated with the interpretation of medical and biological data. A graphing calculator is required for this course (TI - 83 is recommended).

CREDIT HOURS: 3

PREREQUISITE COURSES: MATH 112.

MATHEMATICS (MATH) 252 - *General Statistics*

This course introduces the students to both descriptive and inferential statistics. Emphasis is placed on applications of making decisions in the presence of uncertainty. In order to provide hands on experiences to the students, a number of activities will be made available. Central to this package are the classroom lectures and discussions and tutoring sessions with the instructor. The classroom activities will include computer demonstrations. This is a one semester course providing an introduction to standard topics such as the organization of data, measures of central tendency and dispersion, probability, probability distributions for discrete and continuous random values, the normal distribution, statistical inference, the standard normal distribution, Chi-square distribution, inference concerning two population parameters, regression and correlation, analysis of variance, and nonparametric statistics.

CREDIT HOURS: 3

PREREQUISITES: MATH 112

MATHEMATICS (MATH) 270 - *Calculus I*

With an emphasis on conceptual learning, Calculus I teaches students how to make decisions using mathematical reasoning and authentic data. The course is designed to use real-life applications and data to involve students in solving problems with calculus. Calculus I is a solid, application-oriented course. A variety of open-ended exercises are used to encourage students to deepen their understanding of calculus. Challenging, analytical, thought-provoking, comparative and exploratory questions are included to foster student acquisition and retention of important concepts in calculus. This is a one semester course covering standard topics as limits and their properties, differentiation, applications of differentiation and integration.

CREDIT HOURS: 5

PREREQUISITES: MATH 112, MATH 120

MUSIC (MUSI) 100 - *Music Appreciation*

This course provides the student with the tools for understanding the interaction of music and civilization from a historical perspective. To relate better to the vast body of literature, basic concepts of music are taught and the student is given the terminology needed to make cogent commentary on the music of different eras. The discussions include references to the visual arts and aspects of history

as they relate to the development of music through the ages. The theoretical study is supplemented by the use of audio and audiovisual technology. Course sessions are interactive, incorporating lectures, discussions, and listening sessions. Attendance at two (or more) live concerts is required during the semester.

CREDIT HOURS: 3
PREREQUISITES: None

MUSIC (MUSI) 330 - *Literature and Music* (ENGL/MUSI 330)

This course examines the relationship of the literary and musical arts. Comparative study focuses upon various practices, critical theories, and social, historical, and philosophical concepts that cross artistic boundaries and influence specific works of literature and/or music. Class sessions include lecture, discussion, film and audio presentations, and group activities. Critical thinking is encouraged as students apply concepts to analysis of fiction, poetry, and musical compositions from Western and Non-Western cultures. One analytical research paper and several short class presentations are required. The course is team taught by faculty from the English and the music disciplines. Credit may be earned for either ENGL 330 or MUSI 330 but not for both.

CREDIT HOURS: 3
PREREQUISITES: MUSI 100, ENGL 200 recommended.

PHILOSOPHY (PHIL) 200 - *Philosophy and Critical Thinking*

A review and application of historical and contemporary thought on selected philosophical issues. Topics include the existence of God, the nature of the human mind, free will and determinism, the theory of knowledge, reasoning, truth, phenomenology (the construction of appearance and reality) and foundation of ethics.

CREDIT HOURS: 3
PREREQUISITES: None

PHILOSOPHY (PHIL) 270 - *Current Moral Problems*

The course addresses a variety of controversial social, moral and ethical issues which are common in society today. Through lectures, readings and class discussions students explore the dimensions of these issues. Students learn to distinguish the basic elements of these issues and to use an understanding of these

elements to analyze the strengths and weaknesses of programs designed to address social and moral problems. Issues discussed include health care delivery in the United States, moral and ethical aspects of the health care professions, aging, race and ethnicity, poverty and global inequality. This course involves participants in an inquiry into the moral dimensions of contemporary life. The students will investigate the meaning or morality, identify and examine some contemporary moral problems, and reflect on and test the moral norms which direct our lives.

CREDIT HOURS: 3
PREREQUISITES: None

PHILOSOPHY (PHIL) 272 - *Ethical Issues in Health Care*

This course will present a case-study approach to controversial decisions in health care based on ethical theory and principles of health care. Three areas will be considered: 1) rights and responsibilities of persons seeking health care; 2) rights and responsibilities of health care professionals; 3) and difficult biomedical decisions. Attention will be given to several philosophies and the Judeo-Christian tradition's contributions to the dialogue on medical ethics. Some ethical issues to be addressed are: patient's rights, beginning and end of life decisions, allocation of limited resources, pain management and the patient/professional relationship.

CREDIT HOURS: 3
PREREQUISITES: None

PHILOSOPHY (PHIL) 374 - *Dying and Death*

This course explores the social, psychological, and cultural aspects of dying and death in our society. Emphasis is placed on our role as professionals and health care providers, with the intent to educate and develop personal insight and skills necessary to assist patients, families and colleagues with the various aspects of dying and death. The course utilizes both didactic and experiential teaching methods to establish a better understanding and ability to cope with this life process, both as individuals and as professionals.

CREDIT HOURS: 3
PREREQUISITES: PHIL 270 or PHIL 272

PHYSICAL SCIENCE (PHSC) 100 - *Physical Science*

This course investigates the physical science of measurement, vectors, kinematics, Newton's law of motion, wave motion, temperature, electric fields and currents and optics. Fundamentals of classical physical science are discussed. Considerable emphasis is placed on radiation and radiation biology.

CREDIT HOURS: 3
PREREQUISITES: MATH 112

PHYSICS (PHYS) 121 - *General Physics - I*

Students will study and investigate the fundamentals of mechanics, heat and sound.

CREDIT HOURS: 3
PREREQUISITES: MATH 112
COREQUISITES: PHYS 123

PHYSICS (PHYS) 122 - *General Physics - II*

Students will study and investigate the fundamentals of electricity, magnetism and light.

CREDIT HOURS: 3
PREREQUISITES : PHYS 121, PHYS 123
COREQUISITES: PHYS 124

PHYSICS (PHYS) 123 - *Laboratory for Physics 121*

Selected laboratory investigations related to mechanics, heat and sound will be performed by students. Lab experiments are designed to support lecture.

CREDIT HOURS: 1 (lab meets three hours per week)
PREREQUISITES: MATH 112
COREQUISITES: PHYS 121

PHYSICS (PHYS) 124 - *Laboratory for Physics 122*

Selected laboratory investigations related to electricity, magnetism and light will be performed by students. Lab experiments are designed to support lecture.

CREDIT HOURS: 1 (lab meets three hours per week)
PREREQUISITES: PHYS 121, PHYS 123
COREQUISITES: PHYS 122

PSYCHOLOGY (PSYC) 100 - *Introductory Psychology*

This course involves a survey of the major fields of psychology. These include understanding, predicting controlling and motivating human behavior. Topics in experimental psychology are presented. Techniques for psychological testing and measurement are evaluated.

CREDIT HOURS: 3
PREREQUISITES: None

PSYCHOLOGY (PSYC) 230 - *Psychology Across the Life Span*

Study of the development of behavior and psychological processes throughout the prenatal period, infancy, childhood, adolescence, maturity and old age with emphasis on the normal person. Classroom activities will include lecture, group discussions, demonstrations, individual projects, video presentations, library assignments and research projects.

CREDIT HOURS: 3
PREREQUISITES: PSYC 100

PSYCHOLOGY (PSYC) 325 - *Child Psychology*

This course will describe the physical, psychosocial, intellectual, and moral development of an individual from birth to pre-adolescence.

CREDIT HOURS: 3
PREREQUISITES: PSYC 100

PSYCHOLOGY (PSYC) 335 - *Abnormal Psychology*

This course is designed to increase the student's understanding about the dynamics of abnormal disorders or psychological origin. An overview of the historical perspectives of abnormal psychology will be presented. Students will be

provided with an opportunity to explore and discuss etiologies, symptomatologies, and treatments of psychological disorders.

CREDIT HOURS: 3

PREREQUISITES: PSYC 100; PSYC 230

PSYCHOLOGY (PSYC) 360 - *The Psychology of Aging.*

This course will describe the psychological theories, issues and research findings on late adulthood. The focus will be on successful aging.

CREDIT HOURS: 3

PREREQUISITE COURSES: PSYC 100, PSYC 230.

PSYCHOLOGY (PSYC) 420 - *Neuropsychology.*

The content of this course is derived from: 1) neuroanatomy; 2) neurophysiology; 3) pathophysiology; 4) biochemistry; 5) pharmacology; and the 6) behavioral sciences. Emphasis is placed on the neurobiological processes underlying psychopathology and the pharmacological interventions indicated for treatment and management of mental illness.

CREDIT HOURS: 3

PREREQUISITE COURSES: 12 Cr Hrs of PSYC; 12 Cr Hrs of ARTS, HUMN, PHIL. 12 Cr Hrs of BIOL.

RELIGION (RELS) 200 - *An Introduction to Religious Studies*

The purpose of this course is to acquaint students with certain issues in religious studies. Three such issues have been specifically identified for this course: 1) the philosophical foundations for a critical analysis of religion; 2) the foundations of Christianity; 3) and a cross-cultural examination of the major world religions. By selecting these three issues, it is intended that students will become sensitive to the philosophical nature and presuppositions of many religious claims, to the origin of Christianity and Christian beliefs about Jesus, and to the unique, and common perspectives of the major world religions.

CREDIT HOURS: 3

PREREQUISITES: None

SOCIOLOGY (SOCI) 100 - *Introductory Sociology*

This course is designed to provide an introductory review of sociology and the “sociological perspective,” which can be thought of as one of many perspectives people might take in exploring and understanding human beings. The primary goal of the course is to stimulate thinking and to apply the “sociological perspective” to relevant issues and concerns facing us as individuals and as future health care practitioners.

CREDIT HOURS: 3
PREREQUISITES: None

SOCIOLOGY (SOCI) 300 - *Sociology of the Family*

This course will explore sociological perspectives on marriage and the family with emphasis on issues facing contemporary American families. Topics include: family forms, marriage, communication, domestic violence, division of labor in the family, work and family relations, child rearing, divorce and re-marriage.

CREDIT HOURS: 3
PREREQUISITE COURSES: SOCI 100.

SOCIOLOGY (SOCI) 301 - *Sociology of Deviance and Crime*

Deviance and crime are important topics in contemporary sociology. This course will examine deviance, deviant behavior, and social control with an emphasis on problems facing contemporary American society. The first part of the course explores how we define deviance and the theories used to explain it. Part two will focus on types of deviance including crime, mental illness, and juvenile delinquency. Part three examines the approaches to social control (incarceration, decarceration, rehabilitation) and the problems associated with it.

CREDIT HOURS: 3
PREREQUISITE COURSES: SOCI 100.

SOCIOLOGY (SOCI) 374 - *Dying and Death*

This course explores the social, psychological, and cultural aspects of dying and death in our society. Emphasis is placed on our role as professionals and health care providers, with the intent to educate and develop personal insight and skills necessary to assist patients, families and colleagues with the various aspects of

dying and death. The course utilizes both didactic and experiential teaching methods to establish a better understanding and ability to cope with this life process, both as individuals and as professionals.

CREDIT HOURS: 3

PREREQUISITE COURSES: SOCI 100.

SOCIOLOGY (SOCI) 380 - *Medical Sociology*.

Course is designed to understand the relationship between sociology and medicine. Methods will be described and discussed in which sociological concepts and perspectives can be used to increase our knowledge of health and illness. The social structure of the health care system will be elaborated. The relationships between sociological, cultural factors, etc., and health, disease, etc. will be discussed.

CREDIT HOURS: 3

PREREQUISITE COURSES: SOCI 100.

SOCIOLOGY (SOCI) 400 - *Sociology of Health and Medicine*.

This course examines sociological perspectives on health and illness as well as social problems in the context of contemporary health care in the United States. Topics include: the definition of health and illness, social responses to illness, social stratification and health, and the perceived crisis in American health care and biomedical technology.

CREDIT HOURS: 3

PREREQUISITE COURSES: SOCI 100.

SOCIOLOGY (SOCI) 401 - *Sociology of Race, Class, and Gender*.

The main objective of this course is to investigate the institutional arrangements and cultural patterns that underlie gender, race, and class-based inequalities in American Society. In the process, we will repeatedly return to the central question: In what ways are race, class, and gender interrelated such that they appear in the experiences and "life chances" of individuals in different social locations at different points in time?

CREDIT HOURS: 3

PREREQUISITE COURSES: SOCI 100.

SOCIOLOGY (SOCI) 400 - *Sociology of Health and Medicine.*

This course examines the sociological perspectives on health and illness as well as social problems in the context of contemporary health care in the United States. Topics for discussion include: the definition of health and illness; social responses to illness; social stratification and health; and the perceived crisis in American health care and biomedical technology.

CREDIT HOURS: 3

PREREQUISITE COURSES: SOCI 100.

SPANISH (SPAN) 101 - *Elementary Spanish I*

This entry level course introduces students to the basic lexicon and structures of Spanish. Emphasis is on communicative language. For students with no previous study of Spanish.

CREDIT HOURS: 3

PREREQUISITES: None

SPANISH (SPAN) 102 - *Elementary Spanish II*

A continuation of SPAN 101. Emphasis is on communicative language use.

CREDIT HOURS: 3

PREREQUISITES: SPAN 101.

SPANISH (SPAN) 201 - *Intermediate Spanish I*

This course builds upon skills introduced in elementary Spanish. Emphasis is on reading and writing.

CREDIT HOURS: 3

PREREQUISITES: SPAN 101 and 102.

SPANISH (SPAN) 202 - *Intermediate Spanish II*

This course is a continuation of SPAN 202. Emphasis is on reading and writing.

CREDIT HOURS: 3

PREREQUISITE: SPAN 101, SPAN 102, SPAN 201

SPEECH (SPCH) 100 - *Fundamentals of Speech*

This course studies the factors that govern good speech content and delivery. The course introduces students to speech behavior in human interaction. Students will learn to prepare and deliver a quality speech.

CREDIT HOURS: 3

PREREQUISITES: None

THEOLOGY (THEO) 100 - *Introduction to Theology*

This survey course introduces students to the basic divisions in the discipline of Theology and Religious Studies. Accordingly, it will present outlines for the study of sacred scripture, the history of Religion, systematic theology and the Philosophy of Religion, Religion and the social sciences, Religion and the personality sciences, spirituality, and the role of liturgical ritual, the arts and worship in the human expressions of Religion.

CREDIT HOURS: 3

PREREQUISITES: None

CLINICAL PROGRAMS COURSE OFFERINGS AND DESCRIPTIONS

CLINICAL LABORATORY SCIENCES — ASSOCIATE OF SCIENCE DEGREE

CLINICAL LABORATORY SCIENCE (CLST) 100 - *Introduction to Medical Laboratory Sciences*

This introductory course covers the admission and medical requirements for entrance into the CLST program. Career guidance and career development are addressed. The design of the lab and function of the CLST are described in detail.

CREDIT HOURS: 1
PREREQUISITES: None

CLINICAL LABORATORY SCIENCE (CLST) 101 - *Introduction to Laboratory Techniques*

The theory and practice of laboratory safety, math, and quality control are included in the first few weeks of this course. Principles and procedures for laboratory instruments such as the microscope, the spectrophotometer, the fluorometer, and the pH meter are covered next. Methods such as immunoassay, chromatography, and electrophoresis are studied and practiced.

CREDIT HOURS: 3
PREREQUISITES: CHEM 101, MATH 112

CLINICAL LABORATORY SCIENCE (CLST) 200 - *Phlebotomy*

This course is designed to expose the student to the knowledge and skills necessary to function safely and effectively as a phlebotomist. The definition, purpose and professional aspects of phlebotomy are included in the course content. The course describes the proper phlebotomy collection, equipment, methods of patient identification, and techniques for routine and special procedures. Complications associated with the collection process are listed and discussed. Both the student laboratory and the clinical component of the course are designed to develop proper phlebotomy skills.

CREDIT HOURS: 1
PREREQUISITES: None

SUMMER COURSES

CLINICAL LABORATORY SCIENCE (CLST) 203 - *Special Laboratory Topics I*

Topics covered in this laboratory course are phlebotomy and body fluids. The body fluids topics includes morphology and physiology of the renal system and the theories associated with formation of synovial fluid, serous fluid, spinal fluid, semen, feces and the biochemical analyses of urine and other body fluids. The phlebotomy section includes the purpose and practice of phlebotomy as well as the proper collection containers, phlebotomy equipment, methods of patient identification, phlebotomy procedure for both routine and special procedures, and complications that may occur.

CREDIT HOURS: 2

PREREQUISITES: BIOL 211, BIOL 280, BIOL 281, CHEM 102, CHEM 103,
CLST 101

COREQUISITES: CLST 204

CLINICAL LABORATORY SCIENCE (CLST) 204 - *Special Laboratory Topics II*

The disciplines covered in this course are immunology, mycology, and parasitology. Immunology will cover the basic mechanisms and physiological theories of immunity, principles of clinical immunological methods, pathology and clinical correlations of immune system dysfunctions. Lectures will discuss innate resistance, compliment, phagocytosis, acquired immunity, B-cells and immunoglobulins, CMI and T-cells, and antigen recognition. Lab exercises will consists of demonstrations of immune functions and selected immunological procedures. Mycology lectures will discuss specimen preparation, culture conditions, macroscopic and microscopic morphology, biochemical and serological reactions, pathology of human mycoses and antimycotic therapy. The lab exercises will consists of demonstrations of macroscopic and microscopic morphology, biochemical and serological reactions, pathology of human mycoses and antimycotic therapy. The lab exercises will consists of demonstrations of macroscopic and microscopic morphology, biochemical and serological reactions, and fungal stains. Parasitology lectures will discuss specimen preparation, staining procedures , life cycles, macroscopic and microscopic morphology, and pathology of parasitic diseases. Lab exercises will demonstrate stains and macroscopic and microscopic parasite morphology.

CREDIT HOURS: 2

PREREQUISITES: BIOL 211, BIOL 280, BIOL 281, CHEM 102, CHEM 103,
CLST 101

COREQUISITES: CLST 203

FALL COURSES

CLINICAL LABORATORY SCIENCE (CLST) 210 - *Immunology and Immunohematology*

This course includes the basic principles and applications of blood bank immunology, the ABA system, the Rh system, other blood groups, compatibility testing, antibody identification, quality control, hemolytic disease of the newborn, apheresis, blood components and derivatives and transfusions complications. The lab covers basic principles and procedures of blood bank.

CREDIT HOURS: 4
PREREQUISITES: CLST 203, CLST 204
COREQUISITES: CLST 211, CLST 212, CLST 213

CLINICAL LABORATORY SCIENCE (CLST) 211 - *Clinical Chemistry I*

This lecture includes math and quality control, the principles of laboratory instrumentation, and the biochemistry of chemical substances affecting health and disease. The laboratory covers the principles and practice of methods used to identify and quantitate chemical substances measured in the clinical lab.

CREDIT HOURS: 4
PREREQUISITES: CLST 203, CLST 204
COREQUISITES: CLST 210, CLST 212, CLST 213

CLINICAL LABORATORY SCIENCE (CLST) 212 - *Hematology I*

This lecture course explores the maturation, morphology, pathology, and destruction of erythrocytes, white blood cells, and platelets. The Hemostasis component includes lecture on the three components of normal coagulation: platelets, blood vessels, and factors. The laboratory includes practice of hand cell counts, white cell differentials, and other selected hematological and coagulation tests.

CREDIT HOURS: 4
PREREQUISITES: CLST 203, CLST 204
COREQUISITES: CLST 210, CLST 211, CLST 213

CLINICAL LABORATORY SCIENCE (CLST) 213 - *Clinical Microbiology I*

This course covers the morphology and structure of microorganisms. The diseases and methods of identification are covered for selected organisms. The lab includes the techniques of isolation handling specimens, sterilization, and antibiotic treatment, biochemical testing, and infection control procedures.

CREDIT HOURS: 4
PREREQUISITES: CLST 203, CLST 204
COREQUISITES: CLST 210, CLST 211, CLST 212

SPRING COURSES

These courses involve a clinical experience in the hospital lab.

CLINICAL LABORATORY SCIENCE (CLST) 220 - *Clinical Practicum I*

This course includes a one week rotation in phlebotomy and a three week clinical rotation in a hospital immunohematology laboratory. It covers the principles and practices of serology, blood donor screening and collection, component preparation and blood blanking.

CREDIT HOURS: 4
PREREQUISITES: CLST 203, CLST 204, CLST 210, CLST 211, CLST 212, CLST 213
COREQUISITES: CLST 221, CLST 222, CLST 223

CLINICAL LABORATORY SCIENCE (CLST) 221 - *Clinical Practicum II*

This four week clinical rotation in a clinical chemistry hospital laboratory covers the principles and operation of multi channeled chemistry analyzers, spectrophotometers, osmometers and Cotlove titrators. The application and theories of analytical methodologies are included in this course.

CREDIT HOURS: 4
PREREQUISITES: CLST 203, CLST 204, CLST 210, CLST 211, CLST 212, CLST 213
COREQUISITES: CLST 220, CLST 222, CLST 223

CLINICAL LABORATORY SCIENCE (CLST) 222 - *Clinical Practicum III*

This four week rotation in a clinical Hematology hospital laboratory covers the practices and theories of Hematology, Hemostasis, and Body Fluids. The principles and operations of Hematology, Hemostasis and Body Fluid analyzers are included in this course.

CREDIT HOURS: 4
PREREQUISITES: CLST 203, CLST 204, CLST 210, CLST 211, CLST 212, CLST 213
COREQUISITES: CLST 220, CLST 221, CLST 223

CLINICAL LABORATORY SCIENCE (CLST) 223 - *Clinical Practicum IV*

This four week rotation in a clinical Microbiology hospital laboratory includes Microbiology, Parasitology, Mycology, and Virology. Included are the specimen collection, handling and preparation and principles of certain biochemical methods of detection.

CREDIT HOURS: 4
PREREQUISITES: CLST 203, CLST 204, CLST 210, CLST 211, CLST 212, CLST 213
COREQUISITES: CLST 220, CLST 221, CLST 222

CLINICAL LABORATORY SCIENCE (CLST) 224 - *Clinical Practicum I*

This clinical practicum is only for students who have a baccalaureate degree from a regionally accredited institution and successful completion of 16 semester hours in chemistry to include one semester of organic and/or biochemistry. These Students must be enrolled in the Bachelor of Science Degree program in Clinical Laboratory Sciences. This course is a four week rotation that includes three weeks in the immunohematology laboratory and one week learning and practicing phlebotomy. The course content entails the principles and practices of serology, blood donor screening and collection, component preparation and blood blanking, and the principles and practice of phlebotomy.

CREDIT HOURS: 2
PREREQUISITES: B.S. degree in Science, CLST 203, 204, 210, 211, 212, 213, and approval of the Director Clinical Laboratory Sciences

CLINICAL LABORATORY SCIENCE (CLST) 225 - *Clinical Practicum II*

This clinical practicum is only for students who have a baccalaureate degree from a regionally accredited institution and successful completion of 16 semester hours in biological sciences to include general microbiology, pathogenic microbiology, and immunology and 16 semester hours in chemistry to include one semester of organic and/or biochemistry. These students must be enrolled in the Bachelor of Science Degree program in Clinical Laboratory Sciences. The course encompasses a four week clinical rotation in chemistry hospital laboratory. During this rotation, the student will explore the principles and operation of multi channeled chemistry analyzers, spectrophotometers, osmometers, fluorometer, and instruments for electrochemical analyses. The application and theories of analytical methodologies are included in this course.

CREDIT HOURS: 2

PREREQUISITES: B.S. degree in Science, CLST 203, 204, 210, 211, 212, 213, and approval of the Director Clinical Laboratory Sciences

CLINICAL LABORATORY SCIENCE (CLST) 226 - *Clinical Practicum III*

This clinical practicum is only for students who have a baccalaureate degree from a regionally accredited institution and successful completion of 16 semester hours in biological sciences to include general microbiology, pathogenic microbiology, and immunology and 16 semester hours in chemistry to include one semester of organic and/or biochemistry. These student must be enrolled in the Bachelor of Science Degree program in Clinical Laboratory Sciences. This four week rotation in a clinical Hematology hospital laboratory covers the practices and theories of Hematology, Hemostasis, and Body Fluids. The principles and operations of Hematology, Hemostasis and Body Fluid analyzers and included in this course.

CREDIT HOURS: 2

PREREQUISITES: B.S. degree in Science, CLST 203, 204, 210, 211, 212, 213, and approval of the Director Clinical Laboratory Sciences

CLINICAL LABORATORY SCIENCE (CLST) 227 - *Clinical Practicum IV*

This clinical practicum is only for students who have a baccalaureate degree from a regionally accredited institution and successful completion of 16 semester hours in biological sciences to include general microbiology, pathogenic microbiology, and immunology and 16 semester hours in chemistry to include one semester of organic and/or biochemistry. These students must be enrolled in the

Bachelor of Science Degree program in Clinical Laboratory Sciences. This four week rotation in a clinical Microbiology hospital laboratory includes Microbiology, Parasitology, Mycology, and Virology. Included are the specimen collection, handling and preparation, and principles of certain biochemical methods used in the detection of microorganisms.

CREDIT HOURS: 2

PREREQUISITES: B.S. degree in Science, CLST 203, CLST 204, CLST 210, CLST 211, CLST 212, CLST 213, and approval of the Director of Clinical Laboratory Sciences.

COREQUISITES: None

BACHELOR OF SCIENCE IN CLINICAL LABORATORY SCIENCES

CLINICAL LABORATORY SCIENCE (CLSS) 410 - *Molecular Biology and Genetics*

Molecular Biology and Genetics is an advanced course in which the concepts of DNA, heredity, and molecular diagnostics are presented. The course begins with discussion of biochemical genetics which includes the chemistry, structure, function, and synthesis of DNA, RNA, and proteins. This is followed with discussions of Mendelian genetics. A review of Mendel's experiments and results will provide an introduction to this section and will be followed by lectures on chromosomes, linkage, mapping, changes and mutations. Statistical principles will then be applied to probability analyses and population genetics, which include analyses of human pedigrees. Immunogenetics, is a continuation of CLST 210 in which selected, advanced topics of immunohematology are discussed. These include: minor blood group antigens, transfusion therapy and reactions, immunopathology, polyagglutination, human leukocyte antigens, histocompatibility testing and paternity testing. The course concludes with discussions of the application of molecular techniques (electrophoresis, hybridization and polymerase chain reaction) to the diagnosis and evaluation of hematopoietic neoplasms, genetic diseases and forensic identity testing.

CREDIT HOURS: 3
PREREQUISITES: CLST 210, CLST 211, CLST 212, CLST 213
COREQUISITES: CLSS 411, CLSS 412, CLSS 413

CLINICAL LABORATORY SCIENCE (CLSS) 411 - *Clinical Chemistry II*

This course includes detailed discussions of renal, hepatic, cardiac, and endocrine functions and the clinical evaluation of these parameters in relationship to human health and diseases. Following clinical evaluation, the treatment of the diseases is addressed through discussion of pharmacokinetics and its relationship to therapeutic drug monitoring. The effects of toxic drug levels as well as the effects of other human toxins are evaluated and analyzed in the laboratory component of this course. The laboratory component covers the principle and practice of specialized analytical methods such as fluorescent polarization, chemiluminences, gas chromatography, and high performance liquid chromatography. Advanced statistical procedures such as ANOVA and multiple linear regression are used in method analysis and comparison.

CREDIT HOURS: 3
PREREQUISITES: CLST 210, CLST 211, CLST 212, CLST 213
COREQUISITES: CLSS 410, CLSS 412, CLSS 413

CLINICAL LABORATORY SCIENCE (CLSS) 412 - *Hematology II*

This course examines in detail the clinical and physical symptoms of anemias, hemoglobinopathies, Thalassemias, acute and chronic leukemias, chronic myeloproliferative and Myelodysplastic syndromes, lymphomas and plasma cell dyscrasia. These hematological diseases are evaluated in the form of case studies. The intrinsic and extrinsic coagulation pathways are analyzed and related to specific factor deficiencies that result in bleeding disorders. The laboratory component of the course includes the recognition of hematological diseases from bone marrow analysis, flow cytometry, and coagulation factor analysis.

CREDIT HOURS: 3

PREREQUISITES: CLST 210, CLST 211, CLST 212, CLST 213

COREQUISITES: CLSS 410, CLSS 411, CLSS 413

CLINICAL LABORATORY SCIENCE (CLSS) 413 - *Advanced and Molecular Microbiology*

Advanced and Molecular Microbiology is an advanced course in which the concepts of clinical virology, clinical mycology and selected topics in bacteriology are presented along with molecular diagnostic methodologies. The course begins with clinical virology and includes discussions of the structure, taxonomy, and replication strategies of DNA and RNA viruses. This is followed with discussions of cytopathic effects, specimen collection and methods for diagnosing viral infections. The selected topics in bacteriology is basically a continuation of CLST 213. Topics to be discussed include the bacteriology, pathology, specimen collection, culture and identification of the following: (1) fastidious gram-negative bacteria; (2) anaerobic bacteria; (3) mycobacteria and (4) chlamydias and rickettsias. The course concludes with clinical mycology. The students are presented with the basics of fungal biology and cultivation, as well as methods of diagnosing mycoses. Much of this section focuses on the identification of pathogenic and opportunistic fungi by microscopic examination.

CREDIT HOURS: 3

PREREQUISITES: CLST 210, CLST 211, CLST 212, CLST 213

COREQUISITES: CLSS 410, CLSS 411, CLSS 412

CLINICAL LABORATORY SCIENCE (CLSS) 414 - *Laboratory Management and Education*

The education topics examined in this course include teaching and learning strategies, student diversities, instructional design, competency- based education, and lows involving education. Bloom's taxonomy levels are used to develop objectives and test questions. Objectives are developed using Roger Mager's format. The management topics examined in this course include the theories and practices of clinical laboratory supervision involving personnel, motivation, performance evaluation, recruitment, and selection of employees. The paradigms for workload, budgeting, and quality management systems are explored and developed. Methods of preparing for laboratory and hospital accreditations are important aspects of the course. Legal and ethical issues facing laboratory personnel are presented in case study format. The course participants are required to develop and design projects involving the management and educational issues presented in the course.

CREDIT HOURS: 2
PREREQUISITES: CLST 210, CLST 211, CLST 212, CLST 213
COREQUISITES: CLSS 415

CLINICAL LABORATORY SCIENCE (CLSS) 415 - *Independent Study in Clinical Laboratory Science*

Independent Study is designed to allow the Clinical Laboratory Science student to pursue scholarly activity in his/her area of interest; therefore, the actual course content will vary according to each individual student's interest and career goals. Student activities in CLSS 415 may include, but are not limited to: (1) writing topical research papers; (2) writing grants; (3) performing research projects; (4) presenting lectures to CLT students; and (5) participating in continuing education seminars. Students will be allowed to pursue interests in one of the following areas: (1) clinical laboratory science education; (2) laboratory management; (3) hematology/oncology; (4) biochemistry; (5) blood/tissue banking; (6) microbiology; or (7) cytogenetics/genetics/molecular biology. *Independent Study* will reinforce the concepts presented in CLSS 410, 411, 412, and 413 and will better prepare the student for the challenges of the clinical practicums CLSS 420, 421, 422 and 423. The purpose of this course is to provide an interest-specific curriculum that will provide the student with knowledge and experience that will facilitate the pursuit of their career goals.

CREDIT HOURS: 2
PREREQUISITES: CLST 210, CLST 211, CLST 212, CLST 213
COREQUISITES: CLSS 414

CLINICAL LABORATORY SCIENCE (CLSS) 420 - *Clinical Practicum IV*

Clinical Practicum IV is the counterpart to CLSS 410, Molecular Biology and Genetics. The course is composed of several clinical rotations relating to immunohematology and genetic diseases with an emphasis on diagnosis by molecular methods. One week will be spent in a hospital laboratory in each of the following areas: immunogenetics, cytogenetics, molecular biology and management of the clinical molecular biology laboratory.

CREDIT HOURS: 3
PREREQUISITES: CLST 210, CLST 211, CLST 212, CLST 213
COREQUISITES: CLSS 421, CLSS 422, CLSS 423

CLINICAL LABORATORY SCIENCE (CLSS) 421 - *Clinical Practicum V*

This practicum is the clinical component of CLSS 411 and consist of management based projects that affect the operation of a clinical chemistry laboratory. These projects include implementing a quality control program for a clinical chemistry laboratory, evaluating new instruments and procedures, designing a procedure manual, evaluating CAP criteria, developing a budget, and developing an instrument maintenance system.

CREDIT HOURS: 3
PREREQUISITES: CLST 210, CLST 211, CLST 212, CLST 213
COREQUISITES: CLSS 420, CLSS 422, CLSS 423

CLINICAL LABORATORY SCIENCE (CLSS) 422 - *Clinical Practicum VI*

This practicum is the clinical component of CLSS 412. The course includes techniques of recognizing and counting abnormal blood cells on bone marrow and peripheral blood smears. The results are then evaluated and related to the appropriate hematological diseases. The course includes competency in staining and evaluating blood cells using the flow cytometer as well as the fluorescent microscope. Coagulation factor analysis are performed and results are evaluated and related to corresponding pathological conditions.

CREDIT HOURS: 3
PREREQUISITES: CLST 210, CLST 211, CLST 212, CLST 213
COREQUISITES: CLSS 420, CLSS 421, CLSS 422

CLINICAL LABORATORY SCIENCE (CLSS) 423 - *Clinical Practicum VII*

Clinical Practicum VII is the counterpart to CLSS 413, Advanced and Molecular Microbiology. The course is composed of several clinical rotations relating to Clinical Microbiology with an emphasis on identification/diagnosis by molecular methods. One week will be spent in a hospital laboratory in each of the following areas: virology, bacteriology (does not include routine culture/identification/susceptibility testing), mycology and management of the clinical microbiology laboratory.

CREDIT HOURS: 3

PREREQUISITES: CLST 210, CLST 211, CLST 212, CLST 213

COREQUISITES: CLSS 420, CLSS 421, CLSS 422

BACHELOR OF SCIENCE IN HEALTH SERVICE ADMINISTRATION

HEALTH SERVICE ADMINISTRATION (HSER) 320 - *Health Care Systems and Trends I*

The course is an introduction to the health care delivery system in the United States. Classes will be conducted as forums of discussion emphasizing contemporary issues related to health care professionals, facilities, organization patterns, reimbursement and quality of care.

CREDIT HOURS: 3

PREREQUISITES: Junior standing or permission of instructor.

HEALTH SERVICE ADMINISTRATION (HSER) 340 - *Health Care Systems and Trends II*

The course is an analysis of administrative structures and inter-organizational arrangements among hospitals and other health care organizations. Issues for institutional, community, and home settings for chronic care as well as services to the poor are addressed. Issues and problems related to the design, implementation, and evaluation of quality assessment and risk management programs in acute and non-acute health care settings are also discussed. The role of the Joint Commission on Accreditation of Healthcare Organizations (JCAHO) and federal legislation in the development of quality assessment and risk management are also covered.

CREDIT HOURS: 3

PREREQUISITES: HSER 320

HEALTH SERVICE ADMINISTRATION (HSER) 350 - *Introduction to Health Service Administration*

Introduction to the principles for management for organizations that deliver health care services such as hospitals, nursing homes, multi-specialty clinics, and home health care agencies. Concepts and theories from the general management literature that are particularly helpful in organization and management of health care organizations will be surveyed.

CREDIT HOURS: 3

PREREQUISITES: Junior standing or permission of instructor.

HEALTH SERVICE ADMINISTRATION (HSER) 360 - *Health Care Economics*

The health care economy is of special interest because of its size in the US economy and because of the profound effect that health and the lack of health can have on every individual. This course provides a focused look at the economics of the health sector and the major issues that motivate the current attempts at health care reform.

CREDIT HOURS: 3

PREREQUISITES: HSER 320, HSER 340, HSER 350

HEALTH SERVICE ADMINISTRATION (HSER) 380 - *Accounting for Health Service Management*

Review of standard accounting techniques and applications to reimbursement structures, regulatory mechanisms, cost control and budgeting. Applications to health service administration.

CREDIT HOURS: 3

PREREQUISITES: HSER 320, HSER 350

HEALTH SERVICE ADMINISTRATION (HSER) 410 - *Health Care Financial Management*

This course will review the financial issues in reimbursement structures, regulatory mechanisms, cost control and budgeting as it relates to health care.

CREDIT HOURS: 3

PREREQUISITES: HSER 320, HSER 340, HSER 350, HSER 360, HSER 380

HEALTH SERVICE ADMINISTRATION (HSER) 420 - *Managed Care and Insurance*

This course is designed to introduce the student to managed care as it exists in various forms in the United States today. The course includes a discussion of managed care structures, products, methods of reimbursement, and contracting enrollees, network providers, and/or services. The role of the health care administrator and the responsibilities of those under administrative span of control in a managed care environment are presented and illustrated through exercises and discussion.

CREDIT HOURS: 3

PREREQUISITES: HSER 320, HSER 340, HSER 350, HSER 360, HSER 380

HEALTH SERVICE ADMINISTRATION (HSER) 430 - *Health Care Marketing*

This course covers market research, strategy, and the strategic marketing process. Students will be introduced to the process of the development of marketing strategies and analysis in a health care setting. Topics include pricing, communication, distribution channels, and client motivation and services.

CREDIT HOURS: 3

PREREQUISITES: HSER 320, HSER 340, HSER 350

HEALTH SERVICE ADMINISTRATION (HSER) 440 - *Legal Aspects of Health Service Administration*

This course is an introduction to the law as it relates to health care settings. It provides an overview of health care law aimed at assisting students in developing an intuitive sense for what the laws will permit them to do, and for when to consult legal counsel. Unit Topics such as contracts, negligence, damages, workers compensation, litigation and trial proceedings will be covered.

CREDIT HOURS: 3

PREREQUISITES: HSER 320, HSER 340, HSER 350, HSER 360, HSER 380

HEALTH SERVICE ADMINISTRATION (HSER) 450 - *Health Policy*

This course will consider major aspects of the American health care policy system and changes in that system, their impact upon health services organizations, and appropriate administrative strategies for responding to those changes.

CREDIT HOURS: 3

PREREQUISITES: HSER 320, HSER 340, HSER 350

HEALTH SERVICE ADMINISTRATION (HSER) 460 - *Managerial Epidemiology*

The overall goal of this course is to increase the health professional's ability to analyze problems and make decisions based on application of epidemiological concepts and methods in a variety of settings and across a spectrum of disease topics. Social, physical and biological determinants of disease will be examined, and the epidemiology of selected infectious and chronic diseases will be studied in greater depth. Epidemiological tools to be presented include use of vital statistics, rates, and methods of descriptive, observational and experimental studies.

CREDIT HOURS: 3

PREREQUISITES: HSER 320, HSER 340, HSER 360

HEALTH SERVICE ADMINISTRATION (HSER) 470 - *Seminar in Health Service Administration*

This course will integrate theory and practice by examining issues and solutions to problems in the management of health services organizations. It functions as a capstone for the health services administration program, allowing students to apply coursework from across the curriculum.

CREDIT HOURS: 3

PREREQUISITES: HSER 320, HSER 340, HSER 350, HSER 360, HSER 380, HSER 410, HSER 430

HEALTH SERVICE ADMINISTRATION (HSER) 480 - *Health Care Information Systems*

Survey of the technology and processes used in management information systems. Role of management information systems in health care organizations.

CREDIT HOURS: 3

PREREQUISITES: HSER 320, HSER 340, HSER 350, HSER 360, HSER 380

HEALTH SERVICE ADMINISTRATION (HSER) 490 - *Internship/Practicum*

Placement in a health care agency and completion of a project in one or more areas of health service administration. Seminars for participant presentations will be conducted.

CREDIT HOURS: 3

PREREQUISITES: HSER 320, HSER 340, HSER 360, HSER 380

EMERGENCY HEALTH SCIENCE— ASSOCIATE OF SCIENCE DEGREE

EMERGENCY HEALTH SCIENCE (EMHS) 101 - *Basic Emergency Medical Care*

This lecture and laboratory course is the foundation course upon which the Emergency Medical Technician - Paramedic program is based. The course includes recognition of signs and symptoms of illness or injury through patient assessment. Treatment choices based on the findings of the patient assessment are introduced. Instruction includes the use of a variety of pieces of equipment and emergency medical care techniques. Students are given an opportunity to handle and practice application of oxygen delivery devices, splinting and immobilization materials, methods of controlling bleeding, selected assisted medication administration, and the semi-automatic external defibrillator. Safe movement and transportation of patients is also practiced. Upon completion of this course, the student has the opportunity to obtain certification as a Nationally Registered Emergency Medical Technician - Basic.

CREDIT HOURS: 5
PREREQUISITES: BIOL 210

PARAMEDIC LEVEL EMHS COURSES

SUMMER COURSES

EMERGENCY HEALTH SCIENCE (EMHS) 104 - *Advanced Paramedic Skills*

This course is designed to introduce the paramedic student to the advanced skills necessary to treat life-threatening medical and traumatic emergencies. Skills learned at the basic level are used as a foundation to build upon for this course. Students are instructed in patient assessment, advanced airway management, medication administration, and circulatory management including intravenous and intraosseous initiation. The cardiac skills of ECG monitoring, defibrillation, cardioversion, and non-invasive external cardiac pacing are presented. This course will include both lecture and laboratory sessions.

CREDIT HOURS: 2
PREREQUISITES: All General Studies Courses in EHS Curriculum, EMHS 101
COREQUISITES: EMHS 108, EMHS 110

EMERGENCY HEALTH SCIENCE (EMHS) 108 - *Introduction to Advanced Emergency Care*

This lecture course is designed to introduce the practice of an Emergency Medical Technician - Paramedic. Students are instructed in the roles / responsibilities, operations / equipment, and medical/legal considerations of a paramedic. An overview of the human systems are presented to prepare the student for further coursework while emphasizing the use of proper medical terminology. A history of the Emergency Medical Service profession is also presented in this course.

CREDIT HOURS: 2
PREREQUISITES: All General Studies Courses in EHS Curriculum, EMHS 101
COREQUISITES: EMHS 104, EMHS 110

EMERGENCY HEALTH SCIENCE (EMHS) 110 - *Emergency Pharmacology*

This lecture course will provide the paramedic student with a study of pharmacological interventions utilized by emergency medical services. General pharmacology, routes of administration, actions, indications, contraindications, side effects, and dosages of commonly used emergency drugs are presented. The physiological impact of these drugs on the whole organ system is emphasized.

CREDIT HOURS: 3
PREREQUISITES: All General Studies Courses in EHS Curriculum, EMHS 101
COREQUISITES: EMHS 104, EMHS 108

FALL COURSES

EMERGENCY HEALTH SCIENCE (EMHS) 200 - *Cardiac-Pulmonary Emergencies*

This lecture and laboratory course presents the pathophysiology, assessment, and current treatment modalities for the pre-hospital cardiac / respiratory patient. The lecture emphasizes recognition and etiology of life-threatening cardio-pulmonary emergencies. The laboratory segment will present the skills of assessment, treatment, and pharmacological interventions for which the student must show proficiency in prior to performing them in the clinical setting.

CREDIT HOURS: 4
PREREQUISITES: Summer semester EMHS courses
COREQUISITES: EMHS 202, EMHS 204, EMHS 206, EMHS 208

EMERGENCY HEALTH SCIENCE (EMHS) 202 - *Care of Trauma Patients*

This lecture and laboratory course presents the pathophysiology, assessment, and current treatment modalities for the pre-hospital patient with traumatic injuries. Discussions include the kinematics of trauma, burn management, and multisystems trauma. Emphasis is placed on the advanced skills of triage, injury prioritization, and fluid resuscitation. The basic skills of trauma care is also reviewed.

CREDIT HOURS: 4
PREREQUISITES: Summer semester EMHS courses
COREQUISITES: EMHS 200, EMHS 204, EMHS 206, EMHS 208

EMERGENCY HEALTH SCIENCE (EMHS) 204 - *Medical Emergencies*

This lecture and laboratory course presents the pathophysiology, assessment, and current treatment modalities for the pre-hospital medical emergency patient. The lecture emphasizes the physiological changes that occur with the most common medical emergencies. Medical situations related to drug abuse and overdose, diabetes, cerebral vascular accident, anaphylaxis, poisoning, acute abdomen, infectious disease, epilepsy and other nervous system disorders are studied. A special section dealing with behavioral emergencies and crisis intervention will be covered. The laboratory segment presents the assessment, treatment, and pharmacological interventions which the student must show proficiency in prior to performing them in the clinical setting.

CREDIT HOURS: 4
PREREQUISITES: Summer semester EMHS courses
COREQUISITES: EMHS 200, EMHS 202, EMHS 206, EMHS 208

EMERGENCY HEALTH SCIENCE (EMHS) 206 - *OB/Pediatric Emergencies*

This lecture and laboratory course presents the obstetrical, gynecological, and pediatric emergency patient in the pre-hospital setting. Evaluation of obstetrical/gynecological disorders are reviewed. The management of the expectant mother, complications of labor, and normal/abnormal delivery are discussed. Pediatric medical and traumatic emergencies are presented in addition to considerations concerning sexual assault and child abuse.

CREDIT HOURS: 2
PREREQUISITES: Summer semester EMHS courses
COREQUISITES: EMHS 200, EMHS 202, EMHS 204, EMHS 208

EMERGENCY HEALTH SCIENCE (EMHS) 208 - *Advanced Clinicals*

A clinical practicum at approved hospital departments designed to provide the student with patient care experience. This course will provide the student with opportunities to apply advanced skills under precepted conditions to patients of various ages. Departments include but, are not limited to: emergency department, intensive care, labor and delivery, pediatrics, psychiatry, and anesthesia.

CREDIT HOURS: 3

PREREQUISITES: Summer semester EMHS courses

COREQUISITES: EMHS 200, EMHS 202, EMHS 204, EMHS 206

SPRING COURSES

EMERGENCY HEALTH SCIENCE (EMHS) 210 - *Patient Care Internship*

A field internship with approved local paramedic level ambulance services designed to provide the student with pre-hospital patient care experience. Field internship begins following successful completion of Fall semester coursework and all hospital clinical experience.

CREDIT HOURS: 8

PREREQUISITES: Fall semester EMHS courses

COREQUISITES: EMHS 212, EMHS 218, EMHS 220

EMERGENCY HEALTH SCIENCE (EMHS) 212 - *Management Internship*

Field internship to accompany EMHS 218. Students undergo preceptorship with supervisory / management level personnel at local EMS services. Students observe management practices unique to Emergency Medical Services.

CREDIT HOURS: 1

PREREQUISITES: Fall semester EMHS courses

COREQUISITES: EMHS 210, EMHS 218, EMHS 220

EMERGENCY HEALTH SCIENCE (EMHS) 216 - *Paramedic Transition*

This course is designed to be an independent self study course for those students with current National Registry Emergency Medical Technician - Paramedic certification. Research content is determined by the EHS Program Director after assessment and interview with the student. Upon successful completion of this course, the student may receive credit for Summer and Fall EMHS courses.

CREDIT HOURS: 1

PREREQUISITES: All EMHS required General Studies courses

COREQUISITES: EMHS 212, EMHS 218, EMHS 220

EMERGENCY HEALTH SCIENCE (EMHS) 218 - *EMS Operations*

This lecture course introduces the paramedic student to concepts related to the daily operations of EMS systems. Principles and methods used in the supervision of personnel within EMS systems are presented. Budgeting and financial skills necessary to manage emergency health systems are discussed. Case studies, group assignments, and research papers are utilized in addition to lecture content.

CREDIT HOURS: 2

PREREQUISITES: Fall semester EMHS courses

COREQUISITES: EMHS 210, EMHS 212, EMHS 220

EMERGENCY HEALTH SCIENCE (EMHS) 220 - *Paramedic Special Skills*

This lecture and laboratory course serves as the forum for which special skills associated with EMS can be presented. The course will serve as a comprehensive review of the didactic material and clinical skills introduced during the paramedic program in order to prepare the student for certification testing. Non-traditional skills as well as special considerations in pre-hospital care are presented through discussions and research papers. The scope-of-practice of the EMT-Paramedic is revisited and possible future changes discussed.

CREDIT HOURS: 4

PREREQUISITES: Fall semester EMHS courses

COREQUISITES: EMHS 210, EMHS 212, EMHS 218

NURSING — ASSOCIATE OF SCIENCE DEGREE

LEVEL I

NURSING (NURS) 100 - *Pharmacology in Nursing*

The course focuses on fundamental pharmacology concepts, including pharmacokinetic, pharmacodynamic, and pharmacotherapeutics actions of major drug categories. The role of drug therapy in restoring health and assisting man's adaptation to stressors is also discussed. Emphasis is placed on nursing implications of drug therapy, considering biopsychosocial, cultural and developmental factors. Independent and dependent nursing functions related to drug therapy are discussed as part of the role of provider of care in selected healthcare settings.

The course also assists students with the development of critical thinking, computer and math skills. Critical thinking skills are developed during class discussion and small group activities. Through the utilization of computer assisted instruction programs, basic computer skills are promoted. Math skills are utilized in calculation of drug dosages.

CREDIT HOURS:	3
PREREQUISITES:	ACSM 100, ENGL 101, MATH 112; General Studies students interested in the LPN Articulation Program may enroll in NURS 100 with the permission of the Dean of Nursing.
COREQUISITES:	BIOL 210, BIOL 235, NURS 102
THEORY:	45

NURSING (NURS) 102 - *Foundations for the Art and Science of Nursing*

This course introduces the student to the concepts of man, health, society and nursing. Man's adaptation to the stressors that affect his need fulfillment are addressed. The roles of the nurse: provider of care, manager of care and member of the profession are discussed with emphasis on the provider of care role. Attention is focused on problems of the client experiencing hospitalization and the natural process of aging. Functional health patterns are presented as the organizing structure for assessment and selection of appropriate nursing diagnoses. The focus of nursing intervention is on basic nursing competencies directed toward promoting, maintaining, and/or restoring health.

CREDIT HOURS:	6
PREREQUISITES:	ACSM 100, ENGL 101, MATH 112
COREQUISITES:	BIOL 210, BIOL 235, NURS 100
THEORY:	45
CLINICAL:	135

NURSING (NURS) 104 - *Nursing Care of the Adult*

This course focuses on nursing care of the adult client experiencing actual or potential common health problems. Emphasis is on stress and adaptation associated with interferences in need fulfillment in the client experiencing common physiological stressors. Role development focuses on the teacher role within the provider of care role. Nursing diagnoses and nursing interventions are presented in relation to the functional health patterns of health perception and health management, nutrition-metabolic, elimination, and activity/exercise. This course is taught on the first level.

CREDIT HOURS:	9
PREREQUISITES:	LEVEL I Semester I Nursing courses.
COREQUISITES:	BIOL 211, BIOL 280
THEORY:	75
CLINICAL:	180

LEVEL II

NURSING (NURS) 202 - *Nursing Care within a Family Context*

This course focuses on nursing care of client of all ages (birth to senescence) within the context of the family unit experiencing actual or potential problems associated with life-changing stressors. The provider of care role is identified for the client with actual or potential problems associated with interferences to needs fulfillment as a result of situational or maturational stressors. Nursing diagnoses and nursing interventions are presented in relation to the functional health patterns of cognitive-perceptual, self-perception/self-concept, role/relation, sexuality-reproductive, and coping/stress-tolerance. Role development focuses on communication and continues to build on the teacher, provider of care and member of the profession.

CREDIT HOURS:	10
PREREQUISITES:	LEVEL I Semester II Nursing courses.
COREQUISITES:	PSYC 230
THEORY:	75
CLINICAL:	225

NURSING (NURS) 204 - *Nursing Care of Individuals and Groups*

This course focuses on nursing care of clients experiencing actual or potential health problems in response to alteration in human need fulfillment. Emphasis is on the interactive effects of multiple stressors on the biopsychosocial and spiritual needs of individuals and their families. Role development focuses on integration of all dimensions of the nursing role with emphasis on the manager of care and member of profession. Experiences are provided that enable the student to manage the care of small groups of clients with health problems and related nursing needs. Nursing diagnoses and nursing interventions are presented in relation to the functional health patterns of activity/exercise, nutritional-metabolic, sleep-rest, cognitive-perceptual, and value-belief.

CREDIT HOURS: 10
PREREQUISITES: LEVEL II Semester I Nursing courses.
COREQUISITES: HUMN elective.
THEORY: 75
CLINICAL: 225

NURSING (NURS) 110 - *Role Transition*

This course is designed to assist students in their transition from the role of licensed practical nurse to the role of registered nurse. In order to insure readiness for entry into nursing courses, this transition course focuses on the concepts of man, health, society, and nursing. An overview of the nursing process, communication, teaching/learning, management, legal-ethical issues, stress and adaptation, growth and development, and the role of the associate degree nurse will be provided.

CREDIT HOURS: 6
PREREQUISITES: Admission to the LPN-RN Articulation Program.
THEORY: 60
CLINICAL: 90

NURSING - RN TO BSN PROGRAM

LEVEL III

NURSING (NURS) 310 - *Health Promotion*

The course emphasizes the nurse's role as a health advocate in assisting individuals, families and groups toward health promotion and well-being. The focus will be on strategies of health teaching, the multiplicity of factors affecting health behaviors, current issues that impact health care and the assessment of resources available for health maintenance and disease prevention.

CREDIT HOURS: 3

PREREQUISITES: Level I and Level II Courses in the Associate of Science Degree in Nursing curriculum.

NURSING (NURS) 320 - *Pathophysiology: A Basis for Nursing Care*

Emphasis is on the physiological manifestations which are the result of pathologic processes. Clinical situations are utilized to incorporate critical thinking, interpretation of data, indicated nursing care and expected patient outcomes. The course builds upon and expands previous nursing knowledge and that gained in anatomy, physiology, microbiology, and nutrition.

CREDITS HOURS: 3

PREREQUISITES: Level I and Level II Courses in the Associate of Science Degree in Nursing curriculum.

NURSING (NURS) 330 - *Health Assessment*

The course prepares the student to use assessment tools and techniques in determining the health status of clients across the lifespan. Students will apply knowledge from health and social sciences and will utilize the critical thinking process as a method to identify appropriate nursing interventions. The course is designed to provide opportunities for enhancing competency in assessment skills, interpretation of diagnostic data and determination of nursing interventions.

CREDIT HOURS: 3

PREREQUISITES: Level I and Level II Courses in the Associate of Science Degree in Nursing.

NURSING (NURS) 340 - *Leadership / Management*

This course presents an introduction to management theories, concepts and skills applicable in all career fields. The management process and the functions of managers are emphasized along with theories of organizational behavior, leadership, work motivation and the management of human resources. The course will offer opportunities to apply these concepts to health service organizations.

NOTE: This course cross registers with HSER 350 (formerly MGMT 210).

CREDIT HOURS: 3

PREREQUISITES: Level I and Level II Courses in the Associate of Science Degree in Nursing and Math 252.

NURSING (NURS) 350 - *Research in Nursing Practice*

This course provides an introduction to the basic principles of research. Emphasis is placed upon the importance of research to generate nursing knowledge. Students have an opportunity to critique research articles and evaluate their relevance and applicability to nursing practice.

CREDIT HOURS: 3

PREREQUISITE: MATH 252, previous or concurrent enrollment. *Level I and Level II Courses in the Associate of Science Degree in Nursing.

LEVEL IV

NURSING (NURS) 410 - *Gerontology*

This course focuses upon the concept of successful aging and is designed to enhance the nurse's awareness of the needs and potentials of the older adult. The course analyzes the sociological, psychological and physiological aspects of aging. Students will explore theories of aging, chronic and acute problems of the aging client, available community resources and issues impacting health promotion of the older adult.

CREDIT HOURS: 3

PREREQUISITES: Level III NURS courses or permission of the Dean of Nursing.

NURSING (NURS) 420 - *Community Nursing*

This course provides an introduction to the field of community health nursing which includes the conceptual foundations and skills for community nursing practice. The student develops an awareness of the diversity of the roles of nursing in a variety of community settings and has an opportunity to enhance his or her clinical skills.

CREDIT HOURS: 6 (4 theory, 2 clinical)

PREREQUISITES: Level III NURS courses or permission of the Dean of Nursing.

NURSING (NURS) 430 - *Nursing in the 21st Century*

This course explores the changing health care system, its impact upon patient care and relevance to nursing practice. Factors contributing to health care changes in the 21st century will be examined and the nurse's role as patient advocate will be emphasized.

CREDIT HOURS: 3

PREREQUISITES: Level III NURS courses or with permission of the Dean of Nursing.

NURSING (NURS) 440 - *Independent Study*

This clinical course offers the student an opportunity for an individualized concentrated nursing practicum in an area related to the student's special interest. The student in collaboration with the faculty and a clinical preceptor will develop a project designed to enhance professional nursing practice. The student is expected to synthesize knowledge from previous nursing experiences.

This course should be taken during the semester that the student intends to graduate.

CREDIT HOURS: 3

PREREQUISITES: Level III NURS courses; NURS 410, NURS 420, NURS 430 previous or concurrent enrollment or with permission of the Dean of Nursing.

PHYSICAL THERAPIST ASSISTING — ASSOCIATE OF SCIENCE DEGREE

PHYSICAL THERAPIST ASSISTING (PTAP) 100 — *Introduction to Patient Care*

This course introduces basic information regarding the health care system in general and the profession of physical therapy, in order to explore physical therapist assisting as a career choice. Emphasis is placed on the provision of physical therapy services, the history and scope of the practice of the physical therapist and the physical therapist assistant, factors influencing the delivery of service, relationships and communication with patients and other health care providers, professional behaviors and legal and ethical issues related to health care. Guest lecturers and panels will provide insight into health care from current practitioners. The student will gain an understanding of the professional responsibilities inherent in providing health care and learn basic concepts of developing provider relationships.

CREDIT HOURS: 1
PREREQUISITES: None.

SUMMER COURSES

PHYSICAL THERAPIST ASSISTING (PTAP) 200 — *Introduction to Health Care*

This course is designed to give the physical therapist assistant student fundamental understanding of the provision of health care. Emphasis is placed on provision of physical therapy services, scope of practice of the physical therapist assistant and the physical therapist, factors influencing the delivery of service, relationships and

This clinical course offers the student an opportunity for an individualized concentrated nursing practicum in an area related to the student's special interest. The student in collaboration with the faculty and a clinical preceptor will develop a project designed to enhance professional nursing practice. The student is expected to synthesize knowledge from previous nursing experiences.

This course should be taken during the semester that the student intends to graduate.

CREDIT HOURS: 3
PREREQUISITES: Level III NURS courses; NURS 410, NURS 420, NURS 430 previous or concurrent enrollment or with permission of the Dean of Nursing.

PHYSICAL THERAPIST ASSISTING (PTAP) 100 — *Introduction to Patient Care*

This course introduces basic information regarding the health care system in general and the profession of physical therapy, in order to explore physical therapist assisting as a career choice. Emphasis is placed on the provision of physical therapy services, the history and scope of the practice of the physical therapist and the physical therapist assistant, factors influencing the delivery of service, relationships and communication with patients and other health care providers, professional behaviors and legal and ethical issues related to health care. Guest lecturers and panels will provide insight into health care from current practitioners. The student will gain an understanding of the professional responsibilities inherent in providing health care and learn basic concepts of developing provider relationships.

CREDIT HOURS: 1
PREREQUISITES: None.

SUMMER COURSES

PHYSICAL THERAPIST ASSISTING (PTAP) 200 — *Introduction to Health Care*

This course is designed to give the physical therapist assistant student fundamental understanding of the provision of health care. Emphasis is placed on provision of physical therapy services, scope of practice of the physical therapist assistant and the physical therapist, factors influencing the delivery of service, relationships and communication relative to patients and other health care providers, legal and ethical issues related to health care, medical terminology, pharmacology and the medical record. The student participates in clinical experiences which are designed to provide an opportunity to observe professional behaviors; interact with patients, families and health care providers; become familiar with medical records and the patient chart; and observe parameters of the physical therapist assistant scope of practice. Critical thinking skills are developed during class discussion, participation in clinical experiences and in small group activities. Students will use computers and non-print media to learn medical terminology and documentation skills.

CREDIT HOURS: 2
PREREQUISITES: All General Studies Courses in PTA curriculum, PTAP 100
COREQUISITES: PTAP 210, PTAP 212

PHYSICAL THERAPIST ASSISTING (PTAP) 210 - *Functional Anatomy and Kinesiology*

This course is designed to give the physical therapist assistant student a fundamental understanding of the musculoskeletal system, as it applies to movement. Emphasis is placed on muscles and muscle groups, their origins and insertions, innervations, movements, posture and gait. The student has the opportunity to learn characteristics and components of normal movement as a basis for understanding abnormal movement.

CREDIT HOURS: 3

PREREQUISITES: All General Studies Courses in PTA curriculum, PTAP 100

COREQUISITES: PTAP 200, PTAP 212

PHYSICAL THERAPIST ASSISTING (PTAP) 212 - *Clinical Science I*

This course is designed to give the physical therapist assistant student the opportunity to learn and practice fundamental assessments, patient care skills and procedures. Students are instructed in assessments, skills and procedures and they then perform them in the laboratory setting with student to student practice. Students must demonstrate competency in performing these skills, procedures and assessments in the laboratory setting prior to performing them in a clinical setting.

CREDIT HOURS: 2

PREREQUISITES: All General Studies Courses in PTA curriculum, PTAP 100

COREQUISITES: PTAP 200, PTAP 210

FALL COURSES

PHYSICAL THERAPIST ASSISTING (PTAP) 221 - *Clinical Science II*

This course is designed as a continuation of PTAP 212. Lecture and laboratory experiences are combined to instruct the student in assessment and treatment procedures utilized in current physical therapy practices. Emphasis is placed on the treatment procedures involved in therapeutic massage, hydrotherapy, wound care, electrical modalities, edema control, orthotics, gait dysfunction, prosthetics and traction within the scope of practice of the physical therapist assistant. The student will incorporate assessments and treatment modalities learned in the previous courses, with those learned in this course, to demonstrate competency in the provision of total patient treatment. Laboratory experiences will provide the opportunity to experience and to practice these procedures. Competency in

performance of the procedures will be determined by skill check-off and by practical demonstration in competency utilizing patient scenarios.

CREDIT HOURS: 3

PREREQUISITES: Summer PTAP courses.

COREQUISITES: PTAP 222, PTAP 224, PTAP 226, PTAP 228

PHYSICAL THERAPIST ASSISTING (PTAP) 222 - *Clinical Science III*

This therapeutic exercise course combined lecture and laboratory experiences to introduce the physical therapist assistant student to exercise as a treatment procedure. The student will learn about exercise from the cellular to the systemic effects. Emphasis is placed on various kinds of exercise, application of exercise technique and on special areas of therapeutic exercise. The student will practice range of motion exercise, stretching techniques, mobilization within the scope of the PTA practice, resistance, traction and aerobic exercise and pulmonary hygiene techniques. Assessments and procedures learned in previous classes will be utilized in combination with various exercise procedures in order to enhance rehabilitation and monitor subject response to the procedures.

CREDIT HOURS: 4

PREREQUISITES: Summer PTAP courses.

COREQUISITES: PTAP 220, PTAP 224, PTAP 226, PTAP 228

PHYSICAL THERAPIST ASSISTING (PTAP) 224 - *Neuromusculoskeletal Dysfunction*

This lecture course introduces the student to injuries, diseases and conditions that affect the neuromusculoskeletal system, and which are primary to the practice of physical therapy. A system approach to understanding the function of the human body and the effect of pathological entities on the system are presented. Emphasis is placed on the course and effect of the pathological condition; the signs and symptoms of the pathology; the general effect on human performance and function of the patient; and, the physical therapy management of the condition and patient. The student is provided the opportunity to identify potential medical complications that effect physical therapy interventions and the patient's safe response to the intervention.

CREDIT HOURS: 3

PREREQUISITES: Summer PTAP courses.

COREQUISITES: PTAP 220, PTAP 222, PTAP 226, PTAP 228

PHYSICAL THERAPIST ASSISTING (PTAP) 225 - *Neurophysiology of Rehabilitation*

This course is designed to give the physical therapist assistant student a fundamental understanding of the nervous system and its association to movement and movement dysfunction. Neuroscience from the perspectives of anatomy and physiology is explored. The student has the opportunity to learn the relationship of the nervous system to control of normal movement and movement dysfunction. Emphasis is placed on the use of correct terminology, neuromuscular function and rehabilitation of movement dysfunction.

CREDIT HOURS: 1

PREREQUISITES: PTAP 200, PTAP 210, PTAP 212

PHYSICAL THERAPIST ASSISTING (PTAP) 226 - *Human Development*

This lecture course introduces the student to the development of cognition, speech and movement. The student has the opportunity to learn the relationship of the areas of the developmental process. Although focused on development from neonatal through early childhood, the student will be introduced to the changes that occur in aging throughout life. Emphasis is placed on the developmental sequence, developmental disabilities and adaptive equipment.

CREDIT HOURS: 1

PREREQUISITES: Summer PTAP courses.

COREQUISITES: PTAP 220, PTAP 222, PTAP 224, PTAP 228

PHYSICAL THERAPIST ASSISTING (PTAP) 228 - *Clinical Education I*

This course is designed to provide the opportunity for the student to apply previously learned assessments, procedures and skills to direct patient care under the supervision of a licensed practitioner of physical therapy. The student will participate in two different full time two week affiliations. Each student is assigned to a clinical instructor, who is primarily responsible for planning clinical experiences reflective of course objectives and current practice, evaluation of student performance and providing immediate feedback to facilitate learning. The student will have the opportunity to master skills learned in the laboratory setting and integrate behaviors reflective of professional competency within the scope of practice of the physical therapist assistant.

CREDIT HOURS: 4

PREREQUISITES: Summer PTAP courses.

COREQUISITES: PTAP 220, PTAP 222, PTAP 224, PTAP 226

SPRING COURSES

PHYSICAL THERAPIST ASSISTING (PTAP) 231 - *Clinical Science IV*

This course is designed to provide a forum by which PTA students can integrate didactic and clinical experiences in the development of skills relative to the practice of physical therapy. The student will have the opportunity to prepare for entry-level employment in physical therapy, and will be introduced to issues and topics relative to the practice of physical therapy, which are considered post-graduate level skill development. These include topics in specialty areas of physical therapy practice, alternative therapeutic approaches to patient care, and advanced techniques in musculoskeletal and neuromuscular dysfunction. Projects and laboratory experiences provide the opportunity for the student to gain an introductory knowledge and application base upon which clinical skills are developed.

CREDIT HOURS: 2
PREREQUISITES: Fall PTAP courses.
COREQUISITES: PTAP 236, PTAP 238

PHYSICAL THERAPIST ASSISTING (PTAP) 236 - *Physical Therapy Seminar*

This seminar course is designed to prepare the student with those skills necessary to enter the work force as an employee. Emphasis is placed on project and case study presentation, preparation of a curriculum vitae, considerations involved in the interview and employment process, and preparation for licensure.

CREDIT HOURS: 2
PREREQUISITES: Fall PTAP courses.
COREQUISITES: PTAP 230, PTAP 238

PHYSICAL THERAPIST ASSISTING (PTAP) 239 - *Clinical Education II*

This clinical education course involves assignment of the student to two different full time affiliations totaling eleven weeks. The student will have the opportunity to apply all treatment procedures, assessments and patient care skills necessary for entry level competency for the practice of physical therapist assisting. The longer assignments allow the student to follow patients through the course of therapy in order to observe changes in patient function in response to treatment. The student will have the opportunity to integrate knowledge and skills to master critical skills, analyze patient response to treatments, participate as a member of the health care team, participate in patient, family and staff teaching activities, and model profes-

sional behaviors. Upon completion of this course, the student will have demonstrated all critical skills necessary for entry level competency of a practitioner of physical therapist assisting.

CREDIT HOURS: 10
PREREQUISITES: Fall PTAP courses.
COREQUISITES: PTAP 230, PTAP 236

RADIOLOGIC TECHNOLOGY — ASSOCIATE OF SCIENCE DEGREE LEVEL I

RADIOLOGIC TECHNOLOGY (RADT) 101 - *Introduction to Radiography*

An introduction to the principles and practices of radiology; historical and professional evolution, status of the health care delivery system, medicolegal and ethical considerations, medical communications, organization and operation of a radiology department, the imaging process and equipment, radiographic preparation and examinations, basic principles of radiation safety, and management techniques of the patient during radiologic procedures. Learning activities include demonstrations, video presentations and the use of computerized programs in patient care management in the learning resources center.

CREDIT HOURS: 3

COREQUISITES: ACSM 100, BIOL 210, MATH 112, RADT 111, RADT 141

RADIOLOGIC TECHNOLOGY (RADT) 111 - *Image Production I*

A study of radiation concepts with related practical application; x-ray properties, basic x-ray equipment, principles of x-ray production, x-ray interactions, prime factors of exposure, exposure calculations, image receptors and accessory devices, components of radiographic quality, technique charts, characteristics of film, intensifying screens, grids, filtration, beam restriction, technique manipulation, exposure control systems, and technical factors that influence and control image production and quality. Learning activities include: interactive video presentations, demonstrations with phantoms, experiments in the radiographic laboratories, and computerized programs in the principles of image production in the learning resources center.

CREDIT HOURS: 3

COREQUISITES: ACSM 100, MATH 112, RADT 101, RADT 141

RADIOLOGIC TECHNOLOGY (RADT) 141 - *Radiographic Practicum*

Supervised clinical experiences designed to provide students with a fundamental understanding of the actual practice of radiology. Instruction in positioning and basic imaging principles and considerations, terminology, anatomy and radiographic examination and evaluation of the upper extremity, shoulder girdle, lower extremity, pelvis and upper femora, bony thorax and thoracic viscera; emphasis on operation of equipment, performance of darkroom and office procedures, patient care management, communication skills, application of

radiation protection precautions, and the general radiographic process. Learning activities include: demonstrations, interactive video and slide presentations, film evaluation sessions, the use of computerized programs, models, skills practice with a phantom in the radiographic laboratories, and skills performance in the actual clinical setting.

CREDIT HOURS: 5

PREREQUISITES: Admission to the Rad Tech associate degree program; Current CPR-C certification

COREQUISITES: ACSM 100, BIOL 210, MATH 112, RADT 101, RADT 111

RADIOLOGIC TECHNOLOGY (RADT) 110 - *Radiographic Procedures*

A study of radiographic procedures with related positioning and anatomy. Emphasis on the vertebral column, abdomen, surgical, and trauma radiography, fluoroscopic and contrast media examinations. Cranial topography and morphology, radiography of the cranial, facial, nasal, and temporal bones, zygomatic arches, paranasal sinuses, orbits, optic foramen, mandible and temporomandibular joints with film evaluation and interpretation is also included. Learning activities include: demonstrations, interactive video presentations, the use of computerized programs, models, review of radiographs for anatomy, technical and positioning accuracy, and skills practice with a phantom in the radiographic laboratories.

CREDIT HOURS: 3 (2 lecture; 1 lab)

PREREQUISITES: ACSM 100, BIOL 100, MATH 112, RADT 101, RADT 111, RADT 141

COREQUISITES: BIOL 211, ENGL 101, RADT 112, RADT 142

RADIOLOGIC TECHNOLOGY (RADT) 112 - *Image Production II*

This course is a continuation of RADT 111. The technical factors and variables that affect the photographic and geometric quality of an image are analyzed. The course examines the methods of processing with related practical application; design and construction requirements for development and viewing areas; film holders, film handling and storage, latent image formation; automatic processor equipment, system components, cycles, chemistry, processor monitoring and preventative maintenance; quality assurance/control testing programs, silver recovery, sensitometry, artifacts, evaluation of image quality, exposure conversions. Learning exercises include experiments in the radiographic laboratories and sensitometric measurements and processor monitoring involving the use of

the radiographic darkroom equipment. The use of computerized programs and interactive video available in the learning resources center are integrated into the course.

CREDIT HOURS: 3
PREREQUISITES: ACSM 100, BIOL 210, MATH 112. RADT 101, RADT 111, RADT 141
COREQUISITES: BIOL 211, ENGL 101, RADT 110, RADT 142

RADIOLOGIC TECHNOLOGY (RADT) 142 - *Radiographic Practicum*

Supervised clinical performance of basic skills with more emphasis on preparation of the patient, room, and equipment for fluoroscopic, mobile, surgical, emergency/trauma and general radiographic procedures, including film evaluation. Continued development and application of clinical competencies. Learning activities include: demonstrations, film evaluation sessions, skills practice with a phantom in the radiographic laboratories, and skills performance in the actual clinical setting.

CREDIT HOURS: 6
PREREQUISITES: ACSM 100, BIOL 210, MATH 112, RADT 101, RADT 111, RADT 141 and current CPR-C Certification
COREQUISITES: BIOL 211, ENGL 101, RADT 110, RADT 112

RADIOLOGIC TECHNOLOGY (RADT) 123 - *Radiation Protection & Radiobiology*

A study of radiation protection safety practices and radiobiology; Emphasis on units of measurement, radiation quantities and units, detection devices, cellular components, radiation effects, dose limits and calculations, protective measures, equipment and shielding design; federal and state regulations governing radiation protection. Learning activities include the use of interactive video and computerized programs available in the learning resources center.

CREDIT HOURS: 2
PREREQUISITES: LEVEL I Semesters I and II Radiologic Technology courses
COREQUISITES: PHSC 100, RADT 143.

RADIOLOGIC TECHNOLOGY (RADT) 143 - *Radiographic Practicum*

Continued development and application of clinical competencies with emphasis on precautions in patient care and performance of general radiographic procedures, emergency/trauma, mobile, surgical, fluoroscopic and contrast media procedures, and corresponding film evaluation. Learning activities include: demonstrations, film evaluation sessions, skills practice with a phantom in the radiographic laboratories, and skills performance in the actual clinical setting.

CREDIT HOURS: 3
PREREQUISITES: LEVEL I Semester I and II Radiologic Technology courses and current CPR-C Certification
COREQUISITES: PHSC 100, RADT 123

LEVEL II

RADIOLOGIC TECHNOLOGY (RADT) 214 - *Special Imaging Technology*

A study of the fundamental principles of special imaging techniques and equipment with emphasis on radiographic equipment and accessory devices, x-ray circuitry and rectification, image intensified fluoroscopy, body section radiography, macroradiography, mammographic equipment, exposure control systems and devices, stereoscopy digital imaging, thermography, cine, mobile equipment, duplication, evaluation of radiographic equipment; uses of the computer in the radiology department. Introduction to specialized imaging and therapeutic equipment including MRI, CT, US, PET, radiation therapy and nuclear medicine technologies. Learning activities include: library assignments, videos, computerized programs available in the learning resources center, and individual research projects. Application of computer technology as it relates to radiology information systems are available in the radiology department.

CREDIT HOURS: 3
PREREQUISITES: LEVEL I Radiologic Technology courses.
COREQUISITES: PSYC 100, RADT 220, RADT 241

RADIOLOGIC TECHNOLOGY (RADT) 220 - *Advanced Radiographic Procedures*

An examination of radiographic anatomy, advanced positioning and patient care methods with related imaging equipment. Emphasis on basic pharmacology, venipuncture, advanced contrast media examinations, pelvimetry, mammography, computed tomography, scanograms, pediatric radiography, foreign body localization, advanced imaging studies of all body systems, including cross-sectional anatomy presentations. Learning activities include: demonstrations, interactive video presentations, the use of computerized programs, models, review of radiographs for anatomy positioning and technical accuracy, review of cross-sectional images, and skills practice with a phantom in the radiographic laboratories.

CREDIT HOURS: 3

PREREQUISITES: LEVEL I Radiologic Technology courses.

COREQUISITES: PSYC 100, RADT 214, RADT 241

RADIOLOGIC TECHNOLOGY (RADT) 241 - *Radiographic Practicum*

Continued participation and application of general radiographic procedures, emergency/trauma, mobile, surgical, fluoroscopic procedures, contrast media administration and examinations, angiography, patient care procedures, film evaluation, and quality control testing; introduction to CT, and MRI. Learning activities include: demonstrations, film evaluation sessions, equipment monitoring, skills practice with a phantom in the radiographic laboratories, and skills performance in the actual clinical setting with emphasis on special imaging modalities.

CREDIT HOURS: 6

PREREQUISITES: LEVEL I Radiologic Technology courses and current CPR-C Certification

COREQUISITES: PSYC 100, RADT 214, RADT 220

RADIOLOGIC TECHNOLOGY (RADT) 230 - *Radiographic Pathology*

A study of medical disease processes and their radiographic manifestations. Emphasis on radiographic anatomy, physiology, pathology, and evaluation of radiographic quality with related exposure considerations. Classroom activities will include: slide presentations, interactive video presentations, review of radiographs for pathological conditions, library assignments, and individual case study projects.

CREDIT HOURS: 2
PREREQUISITES: LEVEL II Semester III Radiologic Technology courses.
COREQUISITES: HUMN elective, RADT 232, RADT 242

RADIOLOGIC TECHNOLOGY (RADT) 232 - *Senior Seminar*

Seminars of topics related to the practice of radiologic technology including written and oral presentations; a review of materials in preparation for the American Registry of Radiologic Technologists Examination. Learning activities will include library assignments, individual projects, the use of computerized programs, videos and laboratory experiments.

CREDIT HOURS: 2
PREREQUISITES: LEVEL II Semester III Radiologic Technology courses.
COREQUISITES: HUMN elective, RADT 230, RADT 242

RADIOLOGIC TECHNOLOGY (RADT) 242 - *Radiographic Practicum*

Advanced integration and application of all clinical skills including production of radiographs of optimal diagnostic quality. Clinical experiences are provided to enable students to manage patients and perform radiographic procedures with proficiency and using independent judgment. Clinical competencies related to patient preparation and management, room preparation, equipment operation, radiation safety practices, effective communication, performance of radiologic procedures utilizing appropriate supplies and accessory devices, image production, positioning, overall analysis of image quality and structures demonstrated. Elective rotations will be provided in radiation oncology, nuclear medicine, and ultrasound.

CREDIT HOURS: 8
PREREQUISITES: LEVEL II Semester III Radiologic Technology courses and current CPR-C Certification
COREQUISITES: HUMN elective, RADT 230, RADT 232

RADIOLOGIC TECHNOLOGY (RADT) 345 - *Principles of Mammography*

The purpose of this course will prepare the student to enter the advanced practice of mammography. This course consists of didactic and clinical experiences necessary to expose the technologist to the actual practice of screening mammography. This course is not applicable to any of the degree or certificate programs at OLOL College.

The study of the fundamentals of mammography. The course will include mammographic imaging of the breast (including the augmented breast), positioning, breast anatomy, breast physiology, pathology, mammographic education/care, instrumentation, techniques, and laboratory/clinical demonstrations. It includes a clinical component in which participants will become skilled in screening mammography.

This course will be taught in a condensed format utilizing evenings and weekends. This provides the opportunity for those students who are employed to enroll in this course. The learning activities are designed to enable students to meet course objectives.

Learning activities include: demonstrations; the use of computerized programs; review of mammograms for anatomical, positioning, pathological, and technical considerations; skills practice with a phantom in the mammographic laboratory; skills practice in actual clinical setting; and independent study assignment.

This class meets Mammography Quality Standards Act for the FDA.

CREDIT HOURS: 3 - not for degree credit

PREREQUISITES: Must be a registered technologist, registry eligible technologist, or enrolled in the last semester of a radiologic technology program.

RESPIRATORY THERAPY - ASSOCIATE OF SCIENCE DEGREE

RESPIRATORY THERAPY (RESP) 210 - *Respiratory Therapy Fundamentals*

This is a lecture/laboratory course that encompasses the basic principles of Respiratory Care. Topics include patient assessment, infection control, respiratory pharmacology, as well as, the theory and application of various types of equipment that are used in the diagnosis and treatment of cardiopulmonary disease. This course also introduces an analytical approach to determining appropriate treatment strategies with oxygen therapy, and teaches the accompanying techniques associated with patient care. The course also includes the theory and application principles behind new and upcoming therapy devices and compares them to practices currently employed in the clinical setting. The laboratory portion offers hands-on practice of therapies and equipment discussed in the lecture portion of the course to prepare the student for clinical rotation.

Topics Addressed: Gas physics / associated equipment; Infection control; Industrial oxygen production and storage; Oxygen delivering devices; Patient assessment; Oxygen therapy; Respiratory pharmacology; Therapeutic equipment; Charting protocols; Cardiopulmonary resuscitation; Airway management.

CREDIT HOURS: 5

LECTURE/LAB: Lecture = 3 hours (56 contact hours); Laboratory = 2 hours (28 contact hours)

PREREQUISITES: MATH 112, BIOL 210, PHYS 121

RESPIRATORY THERAPY (RESP) 211 - *Clinical Applications and Procedures I*

Introductory course designed to provide clinical instruction in respiratory care procedures. Emphasis is placed on routine patient care, including such modalities as patient assessment, medical gas therapy, use of aerosol, humidity devices, bronchial hygiene, and chest physical therapy.

CREDIT HOURS: 4

CLINIC: Clinic = 4 hours (192 contact hours)

PREREQUISITES: RESP 210

RESPIRATORY THERAPY (RESP) 212 - *Cardiopulmonary Physiology*

This lecture series addresses the physiology of the cardiovascular and pulmonary systems. The course is designed to demonstrate the application of cardiopulmonary physiological principles in practice of medicine. Discussions focus on the regulation and maintenance of cardiopulmonary function under normal conditions. The course also provides an introduction to the integrative control of the cardiopulmonary function. Topics Address: Mechanics of breathing; Alveolar ventilation;

Pulmonary blood flow; Ventilation / perfusion; Diffusion and transport of gases; Acid-Base balance; Control of breathing; Clinical correlation to pulmonary function testing; Congestive heart failure; Electrophysiology of the heart; Cardiac cycle; Hemodynamics; Clinical correlation to cardiopulmonary profiles; Peripheral circulation and vascular control; Special circulations; Integrative control of the cardiovascular system; Clinical correlation to the cardiopulmonary response to stress.

CREDIT HOURS: 3
LECTURE/LAB: Lecture = 3 hours (45 contact hours)
PREREQUISITES: MATH 112, BIOL 210, PHYS 121

RESPIRATORY THERAPY (RESP) 213 - *Professional Directions*

This course is designed to introduce students to current topics facing allied health practitioners involved in the practice of respiratory therapy. The course will include modules on professionalism, problem-based learning, critical thinking, as well as, ethical and legal issues related to the practice of respiratory therapy. Topics Addressed: Professionalism; Accreditation, national registries, and state licensure; Introduction to problem based learning and critical thinking; Overview of ethics and legal aspects of health care; Information technology and its application in health care.

CREDIT HOURS: 1
LECTURE/LAB: Lecture = 1 hours (15 contact hours)

RESPIRATORY THERAPY (RESP) 220 - *Critical Care Concepts I*

This lecture series introduces students to the clinical application of respiratory care in critically ill patients. It incorporates the theories and protocols learned in Respiratory Therapy Fundamentals and develops critical care skills, which emphasize ventilatory support modalities, hemodynamic monitoring, metabolic monitoring and patient management techniques.

Topics Addressed: Artificial Airways; Manual resuscitators; airway aspiration; X-ray interpretation; Hemodynamics; Ventilator terminology; Ventilator modalities; Introduction to critical care.

CREDIT HOURS: 2
LECTURE/LAB: Lecture = 2 hours (30 contact hours)
PREREQUISITES: RESP 210, RESP 212

RESPIRATORY THERAPY (RESP) 221 - *Clinical Applications and Procedures II*

This course is designed to introduce students to essential concepts related to critical care medicine. Emphasis is placed on monitoring techniques, patient weaning and ventilatory support systems.

CREDIT HOURS: 5
CLINIC: Clinic = 5 hours (240 contact hours)
PREREQUISITES: RESP 211

RESPIRATORY THERAPY (RESP) 222 - *Cardiopulmonary Pathophysiology*

This course provides a review of the most common diseases that affect the cardiovascular and pulmonary systems. It includes discussions on clinical diagnostic techniques and treatment approaches commonly used in the management of patients with cardiopulmonary disease. The course also utilizes case studies in a problem-based learning format to teach students critical thinking skills that are required to successfully treat patients with diseases of the heart and lungs.

Topics Addressed: Medical history and physical examination; Pulmonary function testing; Cardiopulmonary profiles; Clinical Laboratory Assessment; Chest Roentgenology; Case Management of patient with respiratory disease; Chronic Bronchitis and Emphysema; Asthma; Sleep Apnea; Cystic Fibrosis; Pneumonia; Acquired Immunodeficiency Syndrome; Tuberculosis; Pulmonary Embolism and Infarction; Case Studies - Infectious Diseases; Diseases of the Pleura and Chest Wall; Neurological Disorders; Pneumoconiosis and COPD; Smoke and Thermal Injuries; ARDS.

CREDIT HOURS: 2
LECTURE/LAB: Lecture = 2 hours (30 contact hours)
PREREQUISITES: RESP 210, RESP 212

RESPIRATORY THERAPY (RESP) 230 - *Critical Care Concepts II*

A continuation of Critical Care Concepts I with furthered emphasis on adult critical care ventilatory support modalities. Coursework covers intermediate and advanced pulmonary care strategies. It encompasses patient management through a problem-based learning format. It also incorporates new advances in critical care procedures and a broadened approach to patient care beyond primary pulmonary diseases.

Topics Addressed: Patient assessment; Pulmonary inspection; Breathing patterns; Endotracheal Intubation; Bedside diagnostics; Breathing techniques; Mechanical Ventilation; Critical care protocols and procedures.

CREDIT HOURS: 2
LECTURE/LAB: Lecture = 2 hours (45 contact hours)
PREREQUISITES: RESP 220

RESPIRATORY THERAPY (RESP) 231 - *Clinical Applications and Procedures III*

Students are provided clinical instruction in advanced respiratory care procedures. Emphasis is placed on therapeutic strategies that are used in adult and neonatal critical care. Students also actively participate in experiences in cardiopulmonary rehabilitation and long term care of patients with cardiopulmonary disease.

CREDIT HOURS: 5
CLINIC: Clinic = 5 hours (240 contact hours)
PREREQUISITES: RESP 221

RESPIRATORY THERAPY (RESP) 232 - *Neonatology and Pediatrics*

Lecture series encompassing the therapeutic approach to treatment of neonates and pediatric patients. Addresses the unique characteristics of both the cardiovascular and pulmonary systems for patients from birth to age twelve. Discusses the parameters of disease states specific to this age group, including diagnostic and management differences. Teaches the physiological changes during gestation in relation to pulmonary management at premature birth and into recovery, as well as acute resuscitation protocols. Mechanical ventilation modalities traditional to adult care are applied to this age group, and new modalities are discussed.

Topics Addressed: Patient assessment; Pediatric neuromuscular disease; Asthma / Bronchiolitis; Epiglottitis / Croup / Foreign object aspiration; Cystic Fibrosis; Sleep Apnea / Pneumonia / Drowning; Pulmonary development; Cardiovascular development; Transition of newborns; Prenatal history and patient assessment of the neonate; Asphyxia; Resuscitation; Cardiovascular Defects: Acyanotic and Cyanotic; Respiratory Defects; Respiratory Distress Syndrome; Transient tachypnea of the newborn; B Streptococcal infections; Meconium aspiration syndrome; Patent Ductus Arteriosus; Apnea of prematurity; Conven

CREDIT HOURS: 2
LECTURE/LAB: Lecture = 2 hours (30 contact hours)
PREREQUISITES: RESP 210, RESP 212, RESP 220

RESPIRATORY THERAPY (RESP) 233 - *Cardiopulmonary Rehabilitation and Long Term Care*

This course is designed to introduce students to the care of chronically ill patients. Discussions will focus on the delivery of respiratory care services for hospital-based cardiopulmonary rehabilitation programs, extended care facilities, and home care. Topics include clinical exercise testing, exercise prescriptions, and clinical practice guidelines for management of patients who require long term respiratory care (e.g., oxygen therapy, bronchodilatory therapy, mechanical ventilation, etc.).

Topics Addressed: Clinical exercise testing; Exercise prescriptions; Case Management of patient with chronic respiratory disease; Respiratory care procedures used in alternate care settings.

CREDIT HOURS: 3

LECTURE/LAB: Lecture = 3 hours (45 contact hours)

RESPIRATORY THERAPY (RESP) 234 - *Pulmonary Diagnostic Testing*

This course covers basic instrumentation and diagnostic techniques employed in the assessment of pulmonary functions. It includes interpretive analysis of test results as related to disease states and other abnormal lung conditions and provides information regarding the appropriate strategy for proper patient testing. Students are expected to apply their understanding of pulmonary physiology to the selection of appropriate testing techniques and equipment.

Topics Addressed: Lung Volumes and Capacities; Diagnostic Equipment; Ventilation and Ventilatory Control Tests; Lung Volume test; Spirometry and Pulmonary Mechanics; Gas Distribution and Diffusion Tests; Critical Care Monitoring; Quality Assurance; Collection and evaluation of Clinical History and Case Studies; Sleep Studies; Bronchoscopy; Metabolic Measurements; PFT in Children and Adolescents; Computer Systems.

RESPIRATORY THERAPY (RESP) 235 - *Cardiopulmonary Resuscitation and Advanced Cardiac Life Support*

This course is designed to review the most current American Heart Association (AHA) standards for basic life support and advanced cardiac life support. Special emphasis is devoted to the recording and interpretation of electrocardiograms, pharmacologic interventions used in the treatment of cardiac emergencies, and airway management techniques used during cardiopulmonary resuscitation. Students must successfully complete an AHA approved Advanced Cardiac Life Support course.

CREDIT HOURS: 1

LECTURE/LAB: Lecture = 1 hour (15 contact hours)

RESPIRATORY THERAPY (RESP) 235 - *Cardiopulmonary Resuscitation and
Advanced Cardiac Life Support*

This course is designed to review the most current American Heart Association (AHA) standards for basic life support and advanced cardiac life support. Special emphasis is devoted to the recording and interpretation of electrocardiograms, pharmacologic interventions used in the treatment of cardiac emergencies, and airway management techniques used during cardiopulmonary resuscitation. Students must successfully complete an AHA approved Advanced Cardiac Life Support course.

CREDIT HOURS: 1

LECTURE/LAB: Lecture = 1 hour (15 contact hours)

SURGICAL TECHNOLOGY — ASSOCIATE DEGREE

SURGICAL TECHNOLOGY (SURT) 110 - *Fundamentals of Surgical Technology*

This course introduces the surgical technology student to the basic principles and practices of surgical technology; historical and professional evolution, basic principles of asepsis and aseptic technique, the role of the surgical technologist, legal and ethical considerations, and equipment and physical features of the operating room. Learning activities include: demonstration, simulations, video presentations and guest speakers from the professional community.

CREDIT HOURS: 6

COREQUISITES: ACSM 100, BIOL 210, BIOL 212, ENGL 101

SURGICAL TECHNOLOGY (SURT) 120 - *Surgical Procedures I*

Emphasis is placed on basic surgical procedures and related pathology. The primary focus is on the definition of the surgical procedure, rationale for the procedure, related pathology, necessary instrumentation, possible complications, equipment and supplies. Specific areas of content include: pediatric, plastic, oral, general, gastrointestinal, urologic, and genitourinary. Learning activities will include video presentations and guest speakers from the professional community.

CREDIT HOURS: 6

COREQUISITES: BIOL 100, MATH 112, BIOL 211, BIOL 213

SURGICAL TECHNOLOGY (SURT) 130 - *Surgical Procedures Practicum I*

Clinical experiences are provided to enable the student to perform surgical procedures with proficiency and confidence. Clinical competencies, related to the student's clinical performance in the operating room, will be evaluated.

CREDIT HOURS: 6

COREQUISITES: BIOL 280, BIOL 281

CLINICAL: 270 hrs.

SURGICAL TECHNOLOGY (SURT) 210 - *Surgical Procedures II*

Emphasis is placed on advanced surgical procedures and related pathology. The definition, rationale, related pathology, possible complications, necessary instrumentation, equipment and supplies. Specific areas of content include: peripheral vascular, cardiovascular, thoracic, orthopedics, neurology, obstetrics and gynecology.

CREDIT HOURS: 6

COREQUISITES: PSYC 100, PHIL 270/272

SURGICAL TECHNOLOGY (SURT) 230 - *Surgical Procedures Practicum II*

Clinical experiences are provided to enable the student to perform surgical procedures with proficiency and confidence. Clinical competencies, related to the student's clinical performance, in the operating room will be evaluated.

CREDIT HOURS: 11

COREQUISITES: SPCH 100

CLINICAL: 495 hrs.

SURGICAL TECHNOLOGY (SURT) 240 - *Professional Portfolio Self Study Course*

The self-study program is designed only for previous Our Lady of the Lake College students who have completed the Surgical technology Certificate Program at the college. This will capture and document, in a portfolio format, all of the prospective candidate's professional, technical and work related experience since certificate completion and provide comprehensive documentation for assessment and evaluation of the candidates' abilities and aptitudes within the professional field of the Surgical Technologist. This course will be a self-study with periodic sessions with the Surgical Technology Faculty to assure focus, provide guidance and evaluate progress.

HEALTH CAREER INSTITUTE— PRACTICAL NURSING PROGRAM

COURSE DESCRIPTIONS

HCLP 100 Fundamentals of Practical Nursing

5 PN Credit hours, 95 hours Theory, 210 hours Clinical

This course introduces the student to the concepts of man, health, society and nursing. The roles of the practical nurse as provider of care, patient advocate and member of health care team are explored. Information about the Practical Nurse program and the Louisiana State Board of Practical Nurse Examiners is discussed. The purpose and components of the nursing process as a method of individualizing patient care is introduced. Elements of effective communication are discussed. The student will be introduced to both basic medical and clinical terminology through review of key terms in Fundamental Nursing text. Students will receive concurrent theory and clinical lab experiences. The beginning application of nursing process, and applying life span concepts to meet basic physical and psychosocial needs of patients in health care setting are integrated. Selected nursing skills, nursing care plan formulation, documentation and infection control methods and aseptic technique are introduced. Instruction and return demonstration in basic nursing skills is provided in the skills lab prior to clinical experience with patients.

HCLP 120 Introduction to Pharmacology

1 PN Credit hours, 25 hours Theory, 10 hours Clinical

This course introduces the student to the study of drugs and their action on living organisms. Drug effects, interactions and reactions are discussed so that the student obtains a sound knowledge for the safe monitoring of patients receiving drug therapy. Emphasis is placed on specific drug classes including: Anti-infectives, analgesics, drugs that affect the respiratory, cardiovascular, endocrine and gastrointestinal systems. An overview is given of general principles used by the nurse to administer drugs safely. Simulated drug administration by various routes is practiced in the Nursing Skill Lab prior to guided drug administration in the clinical setting. The laws governing the manufacture, distribution and sale of drugs and the role of the LPN in drug administration is discussed.

Prerequisite: HCLP 100, BIOL 210

Corequisite: HCLP 122, BIOL 211, 235

HCLP 122 Medical Surgical Nursing I

5 PN Credit hours, Theory 110 hours, Clinical 220 hours

This course utilizes concurrent theory and clinical with application of the nursing process in the care of patients with alterations in cardiovascular, respiratory, gastrointestinal, endocrine systems and fluid and electrolyte balance. Concepts of perioperative nursing are introduced and the student provides care to both the preoperative and postoperative patient in the clinical setting. Dosage calculation and medication administration are incorporated into theory and clinical practice. Special needs and care of the Geriatric patient are integrated throughout. Basic and advanced nursing skills are performed in the clinical sites under the direct supervision of the instructor following successful skills check in Lab.

Corequisite: BIOL 211, 235, PNUR. 120

Prerequisite: BIOL 210, PNUR 100

HCLP 132 Medical Surgical Nursing II

9 PN Credit hours, Theory 145 hours, Clinical 180 hours

This course presents essential information related to care of the patients experiencing alterations in neurological/sensory function, neoplasm, the musculoskeletal system, urinary system, sexuality, sexually transmitted diseases and skin integrity with integrated geriatrics and pharmacology. Care of patients across the life span is integrated. Using the nursing process the course is a continuation of basic and advanced nursing skills performed in the care of these patients. Team concept, with increasing responsibility with groups of patients, and the role of the LPN, are emphasized as a vital part of this course.

Prerequisite: HCLP 120, 122

Corequisite: HCLP 134, 136

HCLP 134 Mental and Behavioral Health

2 PN Credit Hours, 20 Theory hours, Clinical 40 hours

The focus of this course is on the patient experiencing psychopathological, emotional, and behavioral alterations. Utilizing the nursing process approach students will perform nursing skills in mental health clinical sites under the direct supervision of the nursing instructor. Previous program content on interaction of biological and social conditions that influence the mind and behavior and communication skills will be emphasized. Students will intergrate these concepts in the care of the medical/sychiatric patient in the impatient setting.

Prerequisite: HCLP 120, 122

Corequisite: HCLP 132, 136

HCLP 136 Pharmacology II
1 PN Credit hours, Theory 45 hours

This course is a continuation of Introduction to Pharmacology. Drug administration techniques and nursing implications of medication administration to the pediatric client are explored. Emphasis on specific drug classes and their action are covered including: drugs that affect the nervous, urinary, immune musculoskeletal and integumentary systems. Drug effects, interactions and reactions are discussed so that the student obtains a sound knowledge for the safe monitoring of patients receiving drug therapy. Simulated drug administration by various routes is practiced in the Nursing Skill Lab prior to guided drug administration in the clinical setting.

Prerequisite: HCLP 120, 122

Corequisite: HCLP 132, 134

HCLP 140 Maternal - Newborn Nursing
2PN Credits hours, Theory 40, Clinical 40 hours

Concurrent theory and clinical course explores historical and current issues, trends, growth and development of the childbearing family, fetal development and gestation. Care of the patient during antepartal, intrapartal, and postpartum periods is included as well as care of the neonate in a variety of clinical settings.

Prerequisite: HCLP 132, 134, 136

Corequisite: HCLP 142, 144, 146

HCLP 142 Pediatric Nursing
2 PN Credit hours, Theory 40 hours, Clinical 40 Hours

This course presents essential information related to growth and development of infants and children, and those real or potential health threats common but not exclusive to the age groups. Using the nursing process, basic and advanced nursing skills are performed in meeting the needs of the pediatric patient in clinical sites under the direct supervision of the instructor.

Prerequisite: HCLP 132, 134, 136

Corequisite: HCLP 140, 144, 146

HCLP 144 Nursing Transitions

7 PN Credit hours, Theory 70 hours, Clinical 128 Hours

Using the nursing process, this course is a continuation of basic and advanced nursing skills performed in the care of patients with multiple medical surgical diagnoses in a variety of clinical settings. As the final nursing course prior to program completion, the course is intended to assist students in making immediate and future decisions concerning job choices and education growth. Students will be allowed to choose clinical rotation sites of interest from a list of selected clinical sites in the medical and surgical area.

Prerequisite: HCLP 132, 134, 136

Corequisite: HCLP 140, 142, 146

HCLP 146 IV Therapy

1PN Credit Hours, Theory 15 hours, Clinical 15 hours

This course includes legal implications of IV Therapy, equipment devices used, anatomy/physiology, methods and techniques, infection control measures, complications, and other vital information related to intravenous therapy. Supervised lab and clinical performance are included.

Prerequisite: HCLP 132, 134, 136

Corequisite: HCLP 140, 142, 144

Glossary

Academic Dismissal - Designates that a student is ineligible to continue enrollment in the college.

Academic Probation -Designates that a student's work is unsatisfactory and that, to remain eligible to enroll in courses, the student must achieve a 2.0 semester OLOL College GPA.

Academic Suspension - Designates that, because of unsatisfactory work, a student is ineligible to enroll in courses for a designated time period.

Academic Year - The period beginning with the fall semester and ending with the following summer session.

Adjunct Elective - Elective courses different from but closely allied to a student's major or area of concentration.

Associate's Degree - A college degree awarded for completion of an academic program consisting of freshman and sophomore level course work (e.g. Associate of Science, Associate of Arts).

Audit - To enroll in a course as an observer without seeking credit.

Baccalaureate - Relating to an academic program consisting of college course work through the senior level.

Bachelor's Degree - A college degree awarded for completion of a baccalaureate program (e.g., Bachelor of Science, Bachelor of Arts).

Beginning Freshman - A student who has never attended a regionally accredited college or university. A college student who has not earned credit for all first year courses in a program of study.

Behavioral Sciences - Sciences such as psychology, sociology, and anthropology that study human action and attempt to generalize about human behavior.

Biological Sciences - Sciences such as anatomy and botany that study living organisms and life processes.

Clinical Program - A curriculum that includes application of skills and knowledge within a clinical setting.

Concurrent Enrollment - A program that provides a means by which students still enrolled in high school may also enroll in college level courses.

Co-requisite - Two or more courses that must be taken concurrently.

Course Load - The total credit hours of course work for which a student is registered in a semester.

Credit - The quantitative measure of a course stated in semester hours.

Cross-listed - The same course offered under the rubrics of two or more departments.

Curriculum - An officially approved combination of courses, satisfactory completion of which may lead to a degree or other academic goal.

Cumulative or Overall Average - A student's grade point average based on the total number of quality points earned and total number of semester hours attempted.

See also: **Grade Point Average**

Drop/Add - A change in registration for a course or section during the designated drop/add period.

Elective - A course chosen ("elected") by a student, as opposed to a specific course requirement. A curriculum may stipulate that electives be chosen from among courses in a designated area/discipline.

Equivalent Course - When referring to a course prerequisite (e.g., "Prereq: MATH 112 or equivalent"), this term means either credit in a comparable course, or equivalency to be determined within an individual program.

Faculty Advisor - A faculty member assigned by the College to assist a student in designing a study plan, selecting courses, and resolving academic problems.

Freshman - A student who has earned less than thirty semester hours of credit.

Foundation Courses - Courses that provide knowledge and skills basic to all other course work.

Grade Point Average (GPA) - An index of scholastic performance; the ratio of quality points earned to semester hours attempted. See also: **Graduation Honors GPA, OLOL College GPA, Semester GPA.**

Graduation Honors Grade Point Average (GPA) - A grade point average based upon grades earned in courses required for a student's degree program.

Humanities - Academic disciplines such as philosophy and literature that study human life and thought.

Independent Study - Formal study completed in a one-to-one relationship with an instructor outside of the traditional classroom setting.

Junior - A student who has earned credit for at least 60 semester hours but less than 90 semester hours.

Late Registration - the last interval designated to register for classes after the Registration deadline has passed; a late fee is assessed to continuing students.

Major - A student's primary field of study, such as nursing or clinical laboratory science.

Matriculation - The state of being registered for credit and working toward a specific degree or certificate.

Minor - A student's secondary area of study. Some curricula do not require the completion of a minor.

OLOL College Grade Point Average (GPA) - A grade point average based upon the total quality points and the total credit hours attempted at OLOL College.

Physical Sciences - Natural sciences such as chemistry and physics that study primarily nonliving materials.

Pre-registration - An interval of time during which an admitted student is allowed to sign up for courses before payment of fees.

Prerequisite - A preliminary requirement, usually credit in another course, that must be met before a course may be taken.

Profile Examination - An instrument for diagnostic evaluation of the nursing knowledge of program applicants.

Quality Point - A numerical value assigned to each final course letter grade (A through F). The grade of A is valued at four quality points for each semester hour of credit in the course. B is three points per hour, C two, and D one. A grade of F has a quality point value of zero. These values are used in calculating a student's "grade point average" and academic standing.

Registration - the process by which tuition payments and required fees are made and students are allowed to attend classes.

Residency Requirement - The specified number of semester hours in course work that a degree seeking student must complete at the institution granting the degree.

Semester - A divisional unit of the academic year. At OLOL College, the academic year is divided into two “regular” semesters (fall and spring), “Maymester” (5 weeks), and “summer session” (June and July).

Semester Grade Point Average (GPA) - A grade point average based on the quality points earned and the credit hours attempted during a semester at OLOL College.

Semester Hour - Numerical value of a course usually based on the number of hours spent in the class per week in a regular session.

Senior - A college student who has earned at least 90 semester hours of credit.

Sophomore - A college student who has earned at least 30 semester hours of credit, but less than 60 semester hours of credit.

Transfer Student - A student who terminates enrollment in one regionally accredited institution of higher education and subsequently enrolls in another.

Undergraduate - A college student who has not earned a first degree (usually a bachelor’s degree).

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