College of Graduate and Undergraduate Studies 13

Mission Statement

The Mission of the Life University College of Graduate and Undergraduate Studies is to empower students to achieve successful careers and meaningful lives, based on a vitalistic philosophy that promotes optimum performance and transformational leadership, to produce a positive impact in a dynamic world.

College Organization

The department chairs for each of the academic programs report directly to the Dean of the College of Graduate and Undergraduate Studies on issues of program accreditation, graduate policy, assessment and program development. There are five departments in the College of Graduate and Undergraduate Studies: Natural Sciences and General Studies, Nutrition, Sport Health Science and Positive Human Development. The Undergraduate and Graduate Curriculum Committee is responsible for overseeing curricula.

Career Information

Information about careers is presented under each specific degree program.

Undergraduate Studies

General Application Procedures

Students applying to Life University must pay a $50.00 application fee. Upon receipt of the acceptance letter, an additional $100.00 is required to reserve your seat. Applications for admission to Life University may be obtained by writing the Office of Enrollment Services (Admissions), 1269 Barclay Circle, Marietta, GA 30060, by telephoning 800.543.3202 or 770.426.2884 or by e-mailing to Admissions@LIFE.edu.

Application Schedule

A student may begin his/her course of study at Life University in any quarter as applications for admission are accepted quarterly throughout the year. All admissions requirements should be met and all official documentation received in the Office of Enrollment Services (Admissions) 30 days (45 days for all international students) prior to the beginning of the quarter of intended matriculation.

Required Application Materials:

1. Completed application including application fee.
2. Final official high school/college transcripts with at an overall minimum grade point average of a 2.0 on a 4.0 grading scale from all institutions attended. Passing GED scores and home schooled students accepted. (Final official high school transcripts must reflect date of graduation.) Students with less than 60 semester/90 quarter hours of college-level credit must submit an official high school transcript and test scores.
3. American College Test (ACT) with a composite score of at least a 19 (including writing portion) or Scholastic Aptitude Test (SAT) with a combined score of a 1460 (including the essay portion) sent directly from the testing center, listed on the high school transcript, or faxed copy from student. The Higher Education Policy Commission requires that all freshmen submit the American College Test (ACT), or Scholastic Aptitude Test (SAT) scores, except applicants who graduated from high school five years or more ago. (Applicants who graduated from high school five years or more ago and who lack test scores must pass special placement exams or designated English and Mathematics prerequisites before they are permitted to enroll in courses in English and Mathematics.) ACT or SAT test scores are used for placement of students in English and Mathematic courses, scholarship and loan applications, academic counseling, determining eligibility for certain degree programs, and in part, to meet NCAA athletic eligibility requirements. The SAT Code for Life University is 7006.
4. Applications are considered in the order in which they are received. Any student falsifying admissions or registration information is subject to immediate dismissal from Life University.

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Criminal Record

All applicants must reveal whether they have a criminal record and cooperate by providing complete information for its review. A record of serious criminal convictions, particularly for a felony, may disqualify an applicant for admission.

In addition, all prospective or enrolled students in the nutrition programs must reveal whether they have a criminal record and cooperate by providing full information for its review as it may pertain to nutrition education and licensure.

A record of serious criminal convictions, particularly for a felony, disqualifies an applicant for licensure in most states.

Financial Aid Information

Students receiving any type of financial aid must see a counselor for an entrance interview. Entrance interviews are held every week, by appointment only. To continue receiving financial aid, students must make satisfactory academic progress, as defined by their cumulative grade point average and the number of successfully completed courses. Financial aid applications should be completed at least three months prior to entrance.

For additional information and details about financial aid, please contact the Office of Financial Aid at 800.543.3345 or 770.426.2901. In order to apply for financial aid as a full-time student, you must complete 12 quarter-credit hours per quarter.

Finances

Life University endeavors to maintain student costs of education at the lowest possible level without sacrificing quality. Although every attempt is made to offer applicable government, financial aid programs to the students, Life University remains a private, non-profit institution and receives no direct support from government funds (For applicable tuition and fees see page 18).

No refund of tuition or fees is made when a student is dismissed for disciplinary reasons. Students who plan to skip one or more quarters should notify the Registrar's Office in writing.

The University and its various divisions and departments reserve the right to modify and change requirements, rules and fees without prior notice.

Admission Requirements

Admissions Procedures

For all categories of applications, communications and files are maintained by the Office of Enrollment Services (Admissions). Recommendations for admission status are sent directly to the Dean of the College of Graduate and Undergraduate Studies or through the Undergraduate Admissions Committee. Recommendations for Admission Status, including denial, are confirmed by the Dean.

Study in the Undergraduate Program is comprehensive, challenging and demanding. Every student is expected to be a professional leader and an example of good character and goodwill in the community. The University has, therefore, set specific requirements for the following categories of admission.

Early High School Graduates

If a high school student has met all high school graduation requirements by the end of the fall semester of the senior year, s/he may be provisionally admitted for the spring semester of the senior year as a freshman student under the following conditions:

1. All general freshman admission requirements are met;
2. High school counselor must submit a letter indicating that the student has met all high school graduation requirements but will not receive a diploma until her/his graduating class receives the diploma;

3. Registration will be permitted for one term only. Students will not be permitted to register for subsequent terms until final high school transcript with graduation date has been received.

If a student cannot provide the aforementioned documentation, s/he may apply as an Early Entry student (see Early Entry section). Early High School Graduates and Early Entry students are not eligible for financial aid and may not reside on campus.

Freshman Admission Requirements – Full Acceptance

Students with less than 20 quarter (14 semester) hours of transferable college credit must meet freshman admission standards. The following minimum academic standards are required for full admission into the undergraduate programs within the College of Graduate and Undergraduate Studies (CGUS):

1. A 2.0 GPA from high school or a passing GED score.
2. A minimum SAT score of at least 1460 (if the SAT included the new writing portion of the exam) or a minimum ACT score of 19. Please check with the Office of Enrollment Services if you took the SAT or ACT tests prior to the addition of the writing portion of the tests. SAT/ACT tests must be retaken if students have been out of school at least five years.

Transfer Admission Requirements

Transfer Students with 20 quarter (14 semester) or more hours of transferable college credit must meet the following minimum academic standards for admission into the undergraduate programs within the College of Graduate and Undergraduate Studies (CGUS):

1. Transfer students must have official transcripts forwarded from all accredited institutions, colleges, or universities attended. High school transcripts must also be forwarded for all students with less than 60 semester hours or 90 quarter hours. Official transcripts must be sent directly from the Office of the Registrar at the home institution.
2. Transfer students must have a cumulative college grade point average (GPA) of 2.0 or higher on a 4.0 scale as calculated by Life University. Life University's College of Graduate and Undergraduate Studies uses earned credits (or hours) from all colleges attended to compute the grade point average for admission to the Undergraduate Program.
3. Foreign equivalents to courses may be considered; however, additional course information, such as a detailed course syllabus, may be required to determine equivalency.
4. Transfer applicants who are not eligible to return to the last institution attended will be considered for admission on a provisional basis.

Provisional Admission Requirements:

Any applicant who only partially satisfies entrance requirements may be granted admission as a provisional student. There are four categories of provisional students:

1. Freshmen and transfers with less than 20 hours of transfer credit who do not meet minimum admissions requirements and/or students who score between 990-1450 on the SAT or 14-18 on the ACT. These numbers are based on the addition of the writing portion of the SAT and ACT tests. If you have taken the test(s) prior to the addition of the writing portion, please check with the Office of Enrollment Services regarding acceptable scores.
2. International students who score between 60-89 on the TOEFL (or equivalent score on other approved tests).
3. Transfer students who are not eligible to return to the last institution attended.
4. Transfer students with 20 or more quarter hours of college work with an overall GPA of less than 2.0 on a 4.0 scale. Life University's College of Graduate and Undergraduate Studies uses earned credits (or hours) from all colleges attended to compute the grade point average for admission to the Undergraduate program.

Admission Procedures for International Students

Life University is approved by the United States Citizenship and Immigration Services (USCIS) to enroll international students.

International students must meet the same educational requirements as students from the United States or demonstrate academic preparation substantially equivalent to that possessed by beginning students admitted from United States institutions.

All international applicants must meet the requirements previously outlined and submit the following to Enrollment Services. **All documentation must be received at least 45 days prior to the start of the quarter.**

1. **Proof or proficiency in English.**
   TOEFL (Test of English as a Foreign Language) *Life University TOEFL code is 5358*.
   Applicants must score the following:
   500 or above on the paper based
   61 on the iBT
   173 on the computer based test.

   IELTS (International English Language Testing System) Applicants must score a minimum of a 5.5. or higher.

2. **Official transcripts.** International transcripts must be translated and evaluated by an approved evaluation agency. Some Canadian institutions do not need to be evaluated. Please contact Enrollment Services for a list of these colleges and universities. Contact Enrollment Services for a complete list of approved transcript evaluation agencies: The following is a sample list:
   * **Global Education Group** www.globaledu.com
   * **Josef Silny & Associates** www.jilny.com
   * **World Education Services (WES)** www.wes.org

3. ***Official SAT or ACT scores.*** All high school students need to take the SAT or ACT.

4. ***Financial Resources.*** Students must show evidence of having the financial resources to complete at least one year of your education. Financial resources should include tuition, books, housing and incidentals. Please contact Enrollment Services for a confidential financial statement. **This document must be dated within six months of applicant's anticipated matriculation date.**

5. **Transfer Eligibility Form.** If transferring from another institution, a SEVIS transfer eligibility form is needed. Please contact the Office of Enrollment Services for a copy of this document.

   In accordance with the rules and regulations set forth by the United States Citizenship and Immigration Services, international students must be enrolled in a degree seeking program with a minimum of 12 credit hours each quarter and maintain at least a 2.0 GPA . Please contact the Office of Enrollment Services for more information on maintaining your F-1 status.

Admissions Requirements for Accelerated Courses

ESL students will not be allowed to take Accelerated Biology.

- Students with poor grades (below C) in any biology, chemistry or physics course taken recently (within the last five years) at another institution, will not be allowed to take accelerated courses at LIFE.
- Students must have a "B" or better in Algebra to register for Accelerated Physics.
- Students must have a "B" or better in Algebra to register for Accelerated Chemistry.
- Students who fail an accelerated course can only repeat that course in a 10-week format.

Admission Status

Accepted – Full Standing:

This status is assigned to each applicant whose completed record has been evaluated by the admissions advisor who subsequently recommends that the applicant meets the admission requirements. This recommendation is presented to the Undergraduate Admissions Committee and/or the Dean of the College of Graduate and Undergraduate Studies. An applicant will be and is accepted by the Committee and/or the Dean with no outstanding requirements.

Conditional Admission:

Students who have met minimum admission requirements but who are unable to provide one or more of the required application materials may be admitted provisionally in some instances. Freshman students may be provisionally admitted to the University for one quarter only with the following minimum documentation:

1. Completed application for admission with appropriate fee.
2. Preliminary high school transcript showing senior schedule or passing score on GED exam.
3. American College Test (ACT) or Scholastic Aptitude Test (SAT) exams with minimum required scores.

Freshman students will be fully admitted to the University and will be eligible to register for succeeding terms when all admission requirements have been met and all required materials have been received.

If a student has been out of high school more than three months, s/he must complete the statement of activities since high school graduation on the admission application before s/he can be considered for admission to the University.

A student who attends another collegiate institution during the summer session immediately following graduation from high school is admitted as an entering freshman with advanced standing.

Accepted – Provisional:

This status is assigned to each applicant whose record has been evaluated by the admissions advisor who subsequently recommends that the applicant does not meet the admission requirements. This recommendation is presented to the Undergraduate Admissions Committee and/or the Dean of the College of Graduate and Undergraduate Studies. An applicant can be accepted by the Committee and/or the Dean with outstanding requirements. Provisional status will be evaluated again by the Admissions Committee and/or the Dean after completion of three academic quarters. At that time, full admission standing will be granted if the following conditions have been met:

1. Minimum of 20 earned credit hours towards a degree.
2. Life University cumulative grade point average of 2.0 or higher.
3. Satisfactory completion of any required Transitional Studies or ESL courses as determined by advisor.

Each provisional student will meet regularly with an advisor, who will monitor and track student progress. A provisional student who fully satisfies the above stated terms within three academic quarters will be granted full acceptance; a student who does not fulfill the terms of the provisional acceptance may be disallowed further study at Life University. A provisional student admitted with an iBT TOEFL score below 90 will be required to complete English as a Second Language courses as determined by our ESL department.

Accepted – Student-at-Large Admission:

Student-at-large status, which includes Auditing or Transient students, is designed for students who wish to take a limited number of undergraduate courses that are related to their personal interest, academic or professional background. Students who do not necessarily want to get a degree from Life University or who do not meet the requirements for full standing or provisional admission acceptance may apply for student-at-large status and, at a later time, apply for full standing. Students accepted under this status are not enrolled as degree-seeking candidates in an undergraduate degree program and, therefore, do not qualify for financial aid.

1. Students applying for student-at-large status should provide an official copy of all high school, undergraduate and graduate transcripts (if applicable) showing courses, grades and graduation date(s). Transcripts must come directly from the school, college, and/or university where the coursework was accomplished and sent directly to the Office of Enrollment Services (Admissions), Life University.
2. There is no limit to the number of hours that may be accumulated as a student-at-large, but if the student seeks to matriculate as a student in full standing and subsequently earn a degree, the last academic year of said degree must be taken as a full standing admitted student.
3. If a student seeks full-standing status to the Undergraduate program, all required admissions materials must be submitted for review. It is the prerogative of the Undergraduate Admissions Committee and/or the Dean to accept or reject the application for undergraduate study.

Accepted – Transient Student Admission

Transient students are those who are admitted to Life University to take a selected course or courses, but who are not transferring credits from another educational institution toward a degree at Life University.

A transient student must submit the following to be admitted:

1. A completed Life University application.

2. A letter from the home institution indicating that the student is in good academic standing.
3. Documentation of completion of prerequisites required for specific courses to be taken.

Accepted – Auditing Student Admission:

Students-at-large wishing to audit classes at Life University may apply at the Office of Enrollment Services (Admissions). Auditing placement is based upon registration seating availability. Proper paper work obtained from both the Office of Enrollment Services (Admissions) and the Office of the Registrar must be filed before the quarter begins. No credit is granted for courses scheduled on an auditing basis. Students are not permitted to change to or from an auditing status except through the regular procedures for admissions acceptance and registration schedule change. The grade for auditing is "AU" for Audit and students will not be permitted to have the audit grade changed at any future date.

Auditing is available to students, staff and faculty as well as interested persons from the general public. Students who audit a course will be charged $100 per course (+ $20 parking fee, as applicable). Students who wish to audit only portions of a course for course hours will be charged $100 per 30 hours (+ $20 parking fee, as applicable).

Students who are auditing are not allowed to take tests but may, at the instructor's discretion, observe practical/lab examinations.

Readmission

Any previously admitted Life University student, regardless of prior admission status, who voluntarily or involuntarily remains out of school for less than three consecutive quarters must first petition for readmission at the Registrar's Office. This petition may be referred for readmission evaluation by the Undergraduate Admissions Committee.

Reapplication for Admission

If an individual remains out for three consecutive quarters or more, for any reason, that individual must first reapply for admission (new application and application fee required) through the Office of Enrollment Services (Admissions) and their reapplication will be evaluated for readmission by the Undergraduate Admissions Committee and/or the Dean.

Admissions Statute of Limitations

An accepted applicant applying to the Undergraduate Program is expected to enroll in the quarter for which the student has applied. The applicant may request to change the intended enrollment date by providing written notification to the Office of Enrollment Services (Admissions). An accepted applicant failing either to give notice and secure prior approval of a change, or to enroll within one calendar year of the quarter for which he/she was originally accepted, will be required to reapply for admission. Life University reserves the right to request any or all of the required admission materials and fees for reapplication.

Denied Admission

This status is assigned to each applicant whose file has been deemed completed by the Office of Enrollment Services, evaluated by the admissions advisor, presented to the Admissions Committee and subsequently denied acceptance by the Committee and/or the Dean.

Transfer Credit

Students who have completed 20 or more quarter hours (14 semester hours) of college-level coursework at accredited colleges are considered transfer students. Transfer students shall receive credit for courses that are substantially equivalent to those of Life University in content, quality and contact hours. In order for a student to receive transfer credit, the equivalent course(s) under consideration must have been:

1. work done or equivalent to undergraduate college level or above (CLEP, AP etc.).
2. earned at or through an accredited institution.
3. satisfactorily completed with a minimum grade of "C" or better (grade "P"= pass will also be considered).

For transfer, students are required to have at least a "C" in English Composition I and II (for degree seeking programs), college-

level Algebra, Trigonometry or Pre-Calculus. The mathematics department must approve any mathematics class not listed.

Note: Foreign language will count only as a humanities course.

A maximum of three-quarter hours (two semester hours) in physical education courses may be accepted as transfer credit.

Students matriculating into the Nutrition program must complete three semester or five quarter hours of college-level Algebra, Trigonometry, Pre-Calculus or Calculus with a grade of "C" or higher.

Undergraduate students who have the appropriate prerequisites may enroll in selected cross-listed courses with the College of Chiropractic and may earn transfer credit to be used in appropriate undergraduate degree programs.

Students currently enrolled at another college can be accepted pending final classes or grades on a contract basis, provided current college work is satisfactory.

College-Level Examination Program (CLEP) and Advanced Placement (A.P.)

A maximum of 35 total quarter hours may be earned toward a degree by CLEP and/or AP credit. A maximum of 10 quarter hours of coursework achieved by CLEP or AP may be applied toward credit in any one discipline (i.e. business, history, humanities, math or social sciences).

CLEP tests may not be taken in place of courses that include a substantial lab or research component, such as Biology, Chemistry, Physics or English Composition (unless English Composition is with essay – see below).

Scores must be in at least the fiftieth percentile to earn CLEP credit. Students must wait six months to retake a CLEP exam for which they did not receive a score of 50 or above.

Exams should be taken at least one quarter before graduation in order to insure delivery of scores on time. It is the student's responsibility to have the Education Testing Service (ETS) forward their scores to Life University. Students currently enrolled in the College of Graduate and Undergraduate Studies should have their scores sent to the Registrar's Office, and students not yet registered should send scores directly to the Office of Enrollment Services (Admissions).

For AP credit, students must receive a score of 3 or higher on the test (for laboratory sciences, one must score a 4 or higher).

Credit hours earned through CLEP or AP do not count toward one's grade point average (GPA).

Note: Laboratory science credit to be applied toward entry into the chiropractic program may not be earned through CLEP Certification of grade and of the lab compoenent is required for AP credit.

Life University recognizes the following CLEP exams:

CLEP Exam	Life University
Business	**Course Equivalent**
Information Systems & Computer Applications	CIM 101
Principles of Accounting	ACT 201
Principles of Macroeconomics	ECO 202
Principles of Microeconomics	ECO 201
Principles of Management	MGT 301
Introduction to Business Law	BSN 301
Principles of Marketing	MKT 301
History	**Course Equivalent**
Western Civilization I	HIS 101
Western Civilization II	HIS 102
U.S. History I	HIS 201
U.S. History II	HIS 202
American Government	POL 201
Humanities and Foreign Language	
English Composition **with an essay**	ENG 101 &102
French	FRN 111 & 112

Spanish	SPN 111 & 112
American Literature	ENG 201
Analyzing & Interpreting Literature	Elective 200 level

Social Sciences

Introductory Psychology	PSY 101
Introductory Sociology	SOC 101
Human Growth & Development	Elective 100 Level
Introduction to Educational Psychology	Elective 100 Level

Math

College Algebra	MAT 101

Transitional Studies Placement Guidelines

Any new student lacking transfer credit for college-level English Composition and/or College Algebra must present SAT scores (or ACT scores, including the ACT Assessment Writing Test) upon admission to Life University.

Exemption from testing may be considered with satisfactory completion of certain college-level courses.

The following SAT score ranges will be used to determine student placement into Transitional Math and/or English:

MATH SCORE	390-460	TSM 099
	310-380	TSM 098
VERBAL SCORE	350-380	TSR 098
	381-420	TSR 099
ESSAY TEST SUBSCORE	6-7	TSE 099
	4-5	TSE 098

The equivalent ACT scores will be used to determine placement:

MATH SCORE	16-19	TSM 099
	13-15	TSM 098
ENGLISH TEST SCORE	14-15	TSR 098
	16-17	TSR 099
WRITING TEST SUBSCORE	6-7	TSE 099
	4-5	TSE 098

Currently, Life University does not offer any transitional studies (TS) coursework designed for levels below this.

As part of their admissions packet, students will be sent letters informing them, based on their SAT/ACT test scores, of their placement evaluation and need, upon becoming a student, to take one or more of these courses.

Applicants who submit test scores that fall below the following cutoffs will be considered ineligible for admission.

- SAT: 310 (Math), 350 (Verbal) or 4 (Essay Test Subscore)
- ACT: 13 (Math Test), 14 (English Test) or 4 (Writing Test)
- TOEFL: 60 iBT
- IELTS: 5.5

TOEFL (Test of English as a Foreign Language) Test

Life University requires the iBT TOEFL, which replaces earlier paper and computer-based versions of the test. Exception is made for the period during which ETS is transitioning to the new test, for those students in whose home countries the iBT test may be unavailable.

- iBT score range of 90-120 for full acceptance
- iBT score range of 60-89 for provisional acceptance and TSE 098/099 writing class placement
- iBT score range of below 60 denied acceptance

IELTS (International English Language Testing System) Test

The IELTS may be accepted in lieu of or during the time that ETS is transitioning to the new TOEFL test, for those students in whose home countries the iBT test may be unavailable. Applicants must score a minimum of a 5.5. or higher.

SAT/ACT math scores are still used to place students taking the TOEFL.

Orientation and Advisement

At the start of each quarter, an orientation program is conducted for all new students. All new undergraduate students must participate in orientation before being allowed to enroll for the quarter. The orientation program will acquaint new students with the campus, academic programs, policies and other institutional programs and services. Students accepted into the Undergraduate Program will receive an acceptance packet prior to orientation that will contain information regarding orientation, advisement, registration and course offerings along with dates and times for these activities.

All students will be assigned a permanent advisor and must meet with him/her before being allowed to enroll for the quarter. Advisement usually occurs during orientation. At this time, students will determine their courses of study in the undergraduate program and class schedules for the upcoming quarter. Lab assignments are on a first-come, first-served basis and will be determined during advisement.

PASS (Progressive Advisement for Student Success) Advisors

The PASS office plays a large role in students' holistic experiences at Life University. The Director of Student Advocacy and Advisement and a team of PASS advisors work closely with many of the other offices around campus to ensure that student needs are met and questions are answered. The PASS advisors make contact with students after acceptance by the enrollment management team and discuss orientation and class schedules for the students' first quarter. They also work with students to ensure needs are met with financial aid paperwork and housing arrangements.

First Year Experience Course Series

After orientation, members of the PASS advising team teach the First Year Experience (FYE) 101 and 103 series, helping students further orient to the LIFE campus and culture. Topics covered include LIFE library resources, University policies, academic advising and planning, motivation, financial health, academic skills (learning styles, time management and study skills), various assessments to engage students in discussions about these topics and presentations by a variety of campus offices and resources. These topics in FYE include all six elements of health in the Wellness Lifestyle on campus (physical, emotional, social, intellectual, spiritual and environmental), providing students with resources and tools to become knowledgeable and resourceful students and citizens.

General Policies

1. Students are subject to all academic and disciplinary rules published by and contained within the "Honor Code" of Life University.
2. Students may enroll for a maximum of 20 hours per quarter. Any combination of undergraduate classes totaling 12 hours per quarter is considered full-time enrollment.
3. Students interested in applying for financial aid should be enrolled full-time, at least 12 hours per quarter (Students may still qualify taking as few as six hours in a given quarter).
4. A full-time D.C. student in good academic standing may take an additional six hours per quarter as a means of obtaining a degree in the Undergraduate Program in order to complete both degrees in a timely manner. Students enrolled for less than 11 hours in the D.C. program who have chosen to be part time and are not on probation may take up to three classes or 15 hours in the Undergraduate Program.

5. If a student fails (grade of "F") the first part of a sequential set of courses (e.g., CHM 111, PHS 111, BIO 111, CHM 211), the student cannot proceed to the second session of the course. If a student receives a grade of "D," the student can proceed to the second part. However, a grade of "C" or better must be attained in any required prerequisite for entrance into the Doctor of Chiropractic program.
6. Criteria for independent study for courses in the undergraduate program:
    A. Independent study is awarded in the final quarter to students who have scheduling conflicts and/or need special academic requirements.
    B. Independent study may be request for a maximum of five credit hours (and no more than 25 total credit hours for the quarter).
    C. Independent study must be approved by the Dean or the Dean's Designate.
    D. Independent study will not be allowed for courses with labs; i.e. science or computer-intensive courses.

Accelerated Courses:

Students enrolling in Life University directly from high school must obtain written consent from the College of Graduate and Undergraduate Studies Dean's Office in order to enroll in accelerated courses. For more information concerning accelerated courses, please refer to the Department of Natural Sciences within this section. Prerequisite information is contained in the course descriptions.

Prerequisite for Undergraduate Classes:

College-level Algebra, Trigonometry or Pre-Calculus is required in order to enroll for physics and chemistry courses. No equivalent courses will be substituted. These math courses must be passed with a grade of "C" or higher.

Minor Programs:

A minor program is a prescribed area of academic study defined by the particular department consisting of at least 20 quarter hours of 300 and/or 400 level courses in the specific discipline (minor). These hours will not duplicate hours for any degree and will come from Area VI and/or Area VII of the discipline's curriculum.

Double Major Programs:

A major program is a prescribed area of academic study defined by the particular department consisting of at least 30 quarter hours of 300 and/or 400 level courses in the specific discipline (major). These hours will not duplicate hours for any other degree and will come from Area VI and/or Area VII of the discipline's curriculum.

Dual Degrees:

A student must earn a minimum of 45 quarter hours of residency credit to obtain a second baccalaureate degree and meet all requirements for a second degree, including prerequisites, in excess of the credit hours required for any previous degree earned. The student must earn the first baccalaureate degree from a regionally accredited institution.

An associate degree may be earned by a student who has completed all requirements of a baccalaureate or another associate degree. This degree requires a minimum of 25 quarter hours of residency credit in excess of the credit hours required for any previous degree earned. The student must earn the first degree from a regionally accredited institution.

Class Attendance:

(Refer to section on Academic Policies and Information.)

Deficient Grades:

When a student has received an incomplete grade in any subject, it is the responsibility of the student to see that the situation is resolved within the first week of the next quarter.

All Deficient Grades (Incompletes) That Are Not Converted Within Two Weeks Of The Next Quarter Will Automatically Be Converted To An "F."

NOTE: A grade of "F," "WF," "NP" or "WNP" is not removed from the permanent record nor is an "F" and "WF" removed the calculation of the cumulative average when the course is repeated. When students receive an "Incomplete," they must consult with the instructor.

Final Examinations:

Final examinations are compulsory at the scheduled date, time and place as published at the beginning of each quarter. Exceptions are granted by permission of the instructor and written approval of the Dean of the College. Students are required to follow the procedures established for taking final exams:

1. Student IDs are required before being allowed to take any exam and must be displayed throughout the final exam period.
2. Only appropriate writing instruments, calculators (if appropriate) and other materials authorized by the instructor are allowed in the testing area.
3. None of the following items will be permitted: hats, purses, briefcases, knapsacks, radios, beepers, head phones, smart phones, or books, notes or papers of any kind. Children are not permitted in the testing area.
4. Students will not be permitted to enter the testing area after the last test paper has been distributed and the formal commencement of the test has begun.
5. Students are required to exit the testing area immediately after completing the test. No loitering in the halls outside the test area is permitted.

Satisfactory Academic Progress Requirements

Satisfactory Academic Progress is determined by each degree-seeking student's Life University Cumulative GPA and satisfactory completion of academic course work. Degree-seeking students must meet minimum GPA requirements and complete each degree-required course with a limit of repeats. Degree-seeking students should be on track to complete their degree program within 150 percent of normal program length (measured in academic years) or less to maintain their "Good Standing" status or be subject to programmatic academic restriction designations ranging from Academic Warning to Academic Dismissal. Academic Restrictions for registration may also be included. Programmatic registration restrictions can include mandatory pre-registration advisement and/or quarterly performance contracts.

Completion Rate:

Students from the Undergraduate Program should have a completion rate of coursework of no less than 70 percent of attempted credit hours. (Credits completed divided by all credits attempted.)

Academic Standing

Student-at-Large

Student-at-large status is designed for students who wish to take a limited number of undergraduate courses and are not seeking a degree.

Provisionally Admitted Students Policy

Provisionally admitted students have no requirement for academic standing or SAP until they have been accepted fully by the Undergraduate Program. Provisionally admitted students are under performance contracts from their entry quarter that may extend two or three quarters before the student is held to Academic Standing or SAP policies and rules. If the provisions of their admission are satisfactorily completed, the student is then given an admission status of "fully accepted" and the student would then be governed by the same polices and procedures as follows.

If the provisions of their admission are not satisfactorily completed, the student would be academically dismissed and terminated from the Undergraduate Program.

Good Standing Requirements

1. Each "fully accepted" student must maintain satisfactory academic progress and be in "Good Standing" academically.
2. To be in "Good Standing" academically, a student must maintain a minimum cumulative grade point average of 2.0 with no outstanding or unresolved current failed classes.
3. Students should be on track to complete their degree program within 150 percent of normal program length (six years) or less

Academic Restriction Policies

Undergraduate Program Minimum Cumulative Grade Point Average Policy

1. Failure to maintain a minimum cumulative grade point average of 2.0 will cause a student to be placed on academic restriction (See Academic Probation).

Undergraduate Program Course Failure Policies

1. Any student who has previously failed (F, NP, WF and WNP) the same course two or more times will be on Academic Restriction (See Academic Probation).

Academic Restriction Designations and Rules

1. Academic Warning (AW) –
   a. Completion rate is less than 70 percent (Credits completed divided Credits attempted)
   b. The student will be restricted to a maximum of fifteen (15) credit hours during the next quarter.
2. Academic Probation (AP) – The student will remain on Academic Probation with academic restrictions of "Performance Contracts" until either successfully returning to "Good Standing" status or failing to complete satisfactorily the provisions of their current "Performance Contract."
   a. Cumulative GPA below 2.0 and/or
   b. Failed the same course at least twice.
      i. The student is will be placed on an individual "Performance Contract" (PC) in order to raise cumulative GPA to 2.0 or above and/or to resolve multiple outstanding failed classes.
   c. Students may not take any accelerated (5 week) classes
      i. If previously failed an accelerated course.
      ii. An exception may be made for a 2 or 3 credit course.
      iii. The student will be limited to twelve (12) credit hours for the quarter(s) of academic probation. Previously failed classes must be repeated before any others.
   d. If the cumulative GPA rises to 2.0 or better and all previously failed classes have been resolved, the student will be returned to "Good Standing" status without further restrictions.

   e. If the student meets the quarter's "Performance Contract" but their cumulative GPA does not rise to 2.0 or better, and/or there is still unresolved failed classes, a second or subsequent "Performance Contract" may be drawn.
   f. Dropping Courses and/or Programmatic Withdrawal while on a "Performance Contract"
      i. Dropping Courses and/or withdrawing from the Undergraduate Program without permission from the Dean's Office could be a violation of the terms of a "Performance Contract" with the result that the student will be terminated from the Program.
      ii. The student who wishes to drop a course(s) and/or withdraw from Undergraduate Program while on academic probation or during a performance contract quarter must provide "justifiable cause" to the Dean's Office and get permission to alter their registration and/or their performance contract. If the withdrawal is deemed "justifiable" the student can return to the program in the next quarter with the same probation/contract status.
3. Academic Dismissal (AD)
   a. A student who fails to complete satisfactorily the provisions of their current performance contract.
   b. A "Dismissed" student will be academically terminated from the Undergraduate Program.

Appeal Process

An undergraduate student has the right to appeal discrepancies in their Satisfactory Academic Progress to the Dean of the College of Undergraduate Studies or designate.

English as a Second Language (ESL)

ESLZ courses are designed for TOEFL preparation, writing skills development, pronunciation and for listening skills. Successful completion of the program and passing TOEFL scores would allow the student to matriculate into the undergraduate or possibly other programs.

If a student does matriculate into the Undergraduate program, there are available ENG 101 and ENG 102 (freshman English composition) "SL" section which can be used toward a degree.

Courses Offered Through ESL Include:

Beginning Courses

ESLZ 101	&	102	Reading	(3 credits, 3 hour lecture/week)*
ESLZ 103	&	104	Writing	(3 credits, 3 hour lecture/week)*
ESLZ 105	&	106	Pronunciation	(3 credits, 3 hour lecture/week)*
ESLZ 107	&	108	Conversation	(3 credits, 3 hour lecture/week)*

Intermediate Courses

ESLZ 201	&	202	Reading	(3 credits, 3 hour lecture/week)*
ESLZ 203	&	204	Writing	(3 credits, 3 hour lecture/week)*
ESLZ 205	&	206	Pronunciation	(3 credits, 3 hour lecture/week)*
ESLZ 207	&	208	Conversation	(3 credits, 3 hour lecture, week)*

Advanced Courses

ESLZ 301	&	302	Reading	(3 credits, 3 hour lecture/week)*
ESLZ 303	&	304	Writing	(3 credits, 3 hour lecture/week)*
ESLZ 305	&	306	Pronunciation	(3 credits, 3 hour lecture/week)*
ESLZ 307	&	308	Conversation	(3 credits, 3 hour lecture/week)*
ESLZ 400			Listening Lab	(3 credits, 6 hour lab/week)*

* *Institutional credit only; does not transfer into degree programs or courses of study; will calculate into CUM GPA and are considered when calculating both academic and financial aid SAP eligibility.*

The LIFE Sport Science Institute (LSSI)

Life University's vitalistic chiropractic orientation to optimizing personal physical performance is one of the most successful ways of achieving athletic success. The LIFE Sport Science Institute (LSSI) provides students in the undergraduate program with practical clinical experience working with the LIFE athletics community via Sport Health Science practicum opportunities. Under the supervision of faculty, students have the opportunity to gain expertise in providing:

- Multi-disciplinary injury assessment, care and recovery
- Rehabilitation and athletic training
- Kinetic chain assessment
- Rehabilitation strategies

Department of Transitional Studies

The Department of Transitional Studies supports the College of Undergraduate Studies by identifying students who are not academically prepared to attempt college level courses and by offering learning-assisted instruction in writing, math and reading. The Department also provides advisement and academic support to provisionally admitted students.

Goals:

1. Transitional Studies students will develop the basic writing, reading and math skills to successfully complete ENG 101 and MAT 101 (MAT 100).
2. Provisional Students (those that do not meet admission standards) will achieve full admission status with the University.

College entry-level English and Mathematics courses require sufficient minimum SAT or ACT scores or successful completion of the appropriate Transitional Studies (TS) course(s).

Based upon SAT/ACT test results, a student may be required to take classes in one or more of these areas (For course descriptions, see the back of this section).

Courses offered through TS include:

TSE 098*	Writing Fundamentals
TSE 099*	Introduction to Composition
TSM 098*	Elementary Algebra
TSM 099*	Intermediate Algebra
TSR 098*	Foundational Elements of College Reading Comprehension
TSR 099*	Practical College Reading

* *Institutional credit only; does not transfer into degree programs or courses of study; will calculate into cumulative GPA and are considered when calculating both academic and financial aid SAP eligibility.*

Department of General Education

Mission Statement

The Department of General Education is designed to cut across strict specialization in order to promote the development of well-rounded individuals who can read, write and speak analytically and insightfully on a variety of topics.

Goals:

1. Students will be able to discuss and apply critical and creative methods of the humanities, including the ability to respond to their aesthetic attributes by analyzing, critiquing and defending their reasoned opinions concerning works literature.
2. Students will be able to comprehend and to use quantitative concepts and methods to interpret, critically evaluate data, effectively problem-solve in a variety of contexts demanding quantitative literacy.
3. Students will have developed a deeper understanding of the relation of self to world through investigation of the influence of social and cultural institutions in shaping human thought, value and behavior.

Core Curriculum

Undergraduate Assembly Policies:

All undergraduate students are recommended to attend assemblies scheduled on Tuesdays, 11-1 pm, during the quarter (as your schedule of registered classes permits).

Life University is committed to delivering an education designed around a set of Core Life Proficiencies that advance personal integrity and provide the foundation for professional success, social contribution, and cultural change. These proficiencies distinguish a Life University education.

The Eight Core Life Proficiencies Seminar

Effective Winter Quarter 2008, for all new students entering the College of Graduate and Undergraduate Studies, The Core Life Proficiencies (CLP 090) seminar will be required in order to graduate and complete a degree program. The CLP 090 seminar is offered at no charge (0 credit). Students will be required to take and successfully complete the seminar before graduation.

CLP 090: The Eight Core Life Proficiencies
The Eight Core Life Proficiencies are:

1. Integrity & Citizenship
2. Leadership & Entrepreneurship
3. Learning Theory & Critical Thinking
4. Contemporary Scientific Paradigms
5. Philosophy of Human Existence & Healthcare Policy
6. Communication & Relationship Theory/Skills

7. Belief Systems & Performance
8. Integrative Change

First Year Experience Course Series

Effective Fall Quarter 2009, for all new students entering the College of Graduate and Undergraduate Studies and seeking any undergraduate degree, they must complete the First Year Experience Course Series consisting of FYE 101 and FYE 103. Student whom have matriculated to the University prior to Fall 2009 and entered either in the Master's or Doctor of Chiropractic Program may either be exempt or may substitute FYEX 1101-1104. See your PASS advisor for more details.

The Undergraduate Program offers several degree programs at the Associates and Baccalaureate level. These degree offerings are provided through the Departments of General Education, Sport Health Science, Natural Sciences, Nutrition and Positive Human Development. Students must complete requirements listed in specific degree programs and comply with academic regulations of the University, including completion of a Core Curriculum.

The Core Curriculum provides a common foundation of knowledge for the educated college graduate. Core Curriculum areas include communications and humanities, science, mathematics and computers, and social sciences. Provided below is the Core Curriculum for all Baccalaureate level degrees. A modified core listing is provided with respective Associate degree curricular offerings.

Area I: COMMUNICATION & HUMANITIES 20 Credit Hours

A. Communications (10 credit hours required)
Grade "C" or better required.

Courses	Course Name	Prerequisites	Credits
ENG 101	English Composition I	TSE 099, or Placement Test	5 cr.
ENG 102	English Composition II	ENG 101	5 cr.

B. Literature Requirement (5 credit hours required)
Nutrition majors only may opt to substitute a Foreign Language

Courses	Course Name	Prerequisites	Credits
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.

C. Communications or Humanities Electives (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
ENG 110	Fiction Writing	ENG 101	2 cr.
ENG 111	Poetry Writing	ENG 101	2 cr.
ENG 112	Screenwriting	ENG 101	2 cr.
ENG 121	Public Speaking		3 cr.
(mandatory for General Studies, Nutrition and Psychology majors)			
ENG 131	Workplace Communication	ENG 101	5 cr.
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Survey of Eastern Literature	ENG 101	5 cr.
ENG 206	African American Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.

ENG 230	Introduction to Short Fiction	ENG 101	5 cr.
FLM 101	Introduction to Classical Cinema		5 cr.
FLM 102	World Cinema		3 cr.
FLM 103	Contemporary Cinema		3 cr.
FRN 111	French I	TSE 099, TSR 099, if required	5 cr.
FRN 112	French II	1 yr. HS French, FRN 111 or equivalent	5 cr.
HUM 101	Music Appreciation		3 cr.
HUM 201	Introduction to Philosophy	ENG 101	5 cr.
HUM 211	Intercultural Communication	ENG 101	5 cr.
SPN 101	Spanish for Healthcare Providers		5 cr.
SPN 111	Spanish I	TSE 099, TSR 099, if required	5 cr.
SPN 112	Spanish II	1 yr. HS Spanish, SPN 111 or equivalent	5 cr.

Or any other Communications or Humanities classes not used elsewhere.

Area II: SCIENCE, MATHEMATICS & COMPUTERS 25 Credit Hours

See program details for specific requirements

A. Mathematics (5 credit hours required OR 10 credit hours required for Business and CIM majors) ***Grade "C" or better required.***

Courses	Course Name	Prerequisites	Credits
MAT101	College Algebra	TSM 099 or Placement Test	5 cr.
OR			
MAT100	Contemporary Mathematics	TSM 099 or Placement Test	5 cr.

(MAT 101 required for all Science majors, such as Biology, Biopsychology, Nutrition and Exercise Science; Business majors may choose MAT 100)

B. Science or Math (15 credit hours required)

Courses	Course Name	Prerequisites	Credits
BIO 111	General Biology I		5 cr.
BIO 112	General Biology II	BIO 111 or equivalent	5 cr.
CHM 111	General Chemistry I	MAT 101 or equivalent	5 cr.

(BIO 111, BIO 112 and CHM 111 are required for Science majors such as Biology, Biopsychology and Exercise Science; BIO 111, BIO 201 and CHM 111 are required for Nutrition majors) *Grade "C" or better also required.*

MAT 102	Decision Mathematics	MAT 100 or MAT 101	5 cr.
MAT 103	Survey of Calculus	MAT 100 or MAT 101	5 cr.

(MAT 102 or MAT 103 required for Business Majors)

BIO 101	Survey of Biology*		5 cr.
BIO 103	Survey of Biodiversity*		5 cr.
NTR 209	Principles of Food Preparation*		3 cr.
NTR 240	Medical Terminology*		2 cr.
NTR 301	Research Methodology*	CIM 101	2 cr.
NTR 307	Nutrition Education*	CIM 101 & ENG 101	2 cr.
SHS 102	Personal Health and Fitness*		2 cr.
SHS 105	Foundation of Exercise Science*		5 cr.
SHS 142	First Aid and CPR*		2 cr.

OR any 100 level or above Basic Science, Exercise Science, Natural Science, Nutrition or Mathematics course (for business majors only), but no activity courses. Biology, Nutrition, Exercise Science, BioPsychology and Pre-Chiropractic students should take those sciences that are needed for their program of study.

**These sciences cannot be used to fulfill Areas II, IV–VI for the Science degrees or for Pre-Chiropractic science requirements.*

C. Computer Information Management (5 credit hours required for all programs of study) *Grade of "C" or better required for Business and CIM majors.*

Courses	Course Name	Prerequisites	Credits
CIM 101	Introduction to Computers		5 cr.

Area III: SOCIAL SCIENCES — 20 Credit Hours

A. History or American Government
(5 credit hours required, choose one of the following)

Courses	Course Name	Prerequisites	Credits
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
POL 201	American Government		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.

B. Social Science electives (15 credit hours required – not taken above)

Courses	Course Name	Prerequisites	Credits
ECO 201	Principles of Microeconomics	ENG 101 (non-business majors)	5 cr.
ECO 202	Principles of Macroeconomics	ENG 101 (non-business majors)	5 cr.
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
HIS 428	U.S. History since 1945	HIS 201 or 202	5 cr.
POL 110	World Issues		2 cr.
POL 201	American Government		5 cr.
POL 202	Comparative and International Politics		5 cr.
POL 211	American Legal System		2 cr.
PSY 101	General Psychology		5 cr.

Is mandatory for all Grade of "C" or better required for all Nutrition, Psychology and Exercise Science majors and Pre-Chiropractic students
Grade "C" or Better also required.

PSY 160	Careers in Psychology		2 cr.
PSY 242	Research Methods in Psychology	MSC 201	5 cr.
PSY 255	Positive Psychology	PSY 101	5 cr.
PSY 256	Psychology of Excellence	PSY 101	5 cr.
PSY 257	Psychology of Adjustment	PSY 101	5 cr.
PSY 290	Life-Span Developmental Psych.	PSY 101	5 cr.
PSY 311	Introduction to Life Coaching	PSY 101	5 cr.
PSY 312	Advanced Life Coaching	PSY 311	5 cr.
PSY 320	Health Psychology	PSY 101	5 cr.
PSY 329	Environmental Psychology	PSY 101	5 cr.
PSY 340	Sport Psychology	PSY 101	5 cr.
PSY 356	Personality Psychology	PSY 101	5 cr.
PSY 357	Social Psychology	PSY 101	5 cr.
PSY 358	Psych. of Religion & Spirituality	PSY 101	5 cr.

PSY 359	Health Practitioner/Pat. Relations.	PSY 101	5 cr.
PSY 366	Behavior Modification	PSY 101	5 cr.
PSY 367	Legal Issues & Ethics in Coaching	PSY 101	2 cr.
PSY 369	Internat. & Cross-Cultural Psych.	PSY 101	5 cr.
PSY 375	Marriage & Family	PSY 101	5 cr.
PSY 376	Human Sexuality	PSY 101	5 cr.
PSY 377	Introduction to Counseling	PSY 101	5 cr.
PSY 455	Abnormal Psychology	PSY 101	5 cr.
PSY 456	Biopsychology	PSY 101	5 cr.
PSY 457	Psych. of Motivation & Emotion	PSY 101	5 cr.
PSY 458	Psychological Tests & Measurement	PSY 101	5 cr.
PSY 459	Leadership and Group Processes	PSY 101	5 cr.
PSY 465	Psychology in the Workplace	PSY 101	5 cr.
PSY 466	Psychology of Mind/Body	PSY 101	5 cr.
PSY 468	Psychosocial Aspects of Pain Mgt.	PSY 101	5 cr.
SOC 101	Introduction to Sociology		5 cr.

Pre-Chiropractic Curriculum

The University offers a pre-chiropractic curriculum that is designed for those interested in a career in health professions, particularly Chiropractic. The pre-chiropractic curriculum is a 7-11 quarter, non-degree-granting program. Pre-chiropractic matriculants may have eligibility for financial aid only during the last calendar year of completion. Coursework distribution areas offered includes:

1. English and Communication Skills
2. Psychology
3. Humanities and Social Sciences
4. Biological Sciences
5. Chemistry (including general, inorganic, organic, biologic)
6. Physics and related studies
7. Mathematics (Prerequisite for Chemistry & Physics)
8. Electives

Minimum Completion Requirements:

1. At least of 135 quarter hour's credits is required for completion of the pre-chiropractic curriculum.
2. At least a 2.50 cumulative GPA is required for courses both in Distribution Areas I –VI and for the required 135 quarters hours of instruction.
3. A minimum grade of "B" or better is required for all courses in Areas 1 – VII listed below.

(See College of Chiropractic, Doctor of Chiropractic Admission Requirements for further information.)

It is strongly recommended for all matriculants without a Bachelor's degree that their efforts toward fulfilling the pre-chiropractic admission requirements coincide with a plan toward completing a future Bachelor's degree.

I. English Composition, Literature or Communication Skills:
(min. 9 credit hours required)

Courses	Course Name	Prerequisites	Credits
ENG 101	English Composition I	TSE 099, TOEFL or Placement Test	5 cr.
ENG 102	English Composition II	ENG 101	5 cr.
ENG 110	Fiction Writing	ENG 101	2 cr.
ENG 111	Poetry Writing	ENG 101	2 cr.
ENG 112	Screenwriting	ENG 101	2 cr.
ENG 121	Public Speaking		2 cr.
ENG 131	Workplace Communication	ENG 101	5 cr.

ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Survey of Eastern Literature	ENG 101	5 cr.
ENG 206	African American Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.
ENG 240	Critical Thinking and Literature	ENG 101	5 cr.

II. Psychology: (min. 4.5 credit hours required)

Courses	Course Name	Prerequisites	Credits
PSY 101	General Psychology		5 cr.

III. Humanities and Social Sciences:
(min. 22.5 credit hours required – not taken above)

Courses	Course Name	Prerequisites	Credits
ART 101	Digital Photography		5 cr.
ART 120	Theatre Arts Appreciation I	ENG 101	5 cr.
ART 121	Theatre Arts Appreciation II	ENG 101	5 cr.
CHN 111	Mandarin Chinese I	TSE 099, TSR 099, or Placement Test	5 cr.
CHN 112	Mandarin Chinese II	CHN 111	5 cr.
CPH 605	Intro. to Chiropractic History		2 cr.
ECO 201	Principles of Microeconomics	ENG 101/MAT 101	5 cr.
ECO 202	Principles of Macroeconomics	ENG 101/MAT 101	5 cr.
ENG 102	English Composition II	ENG 101	5 cr.
ENG 110	Fiction Writing	ENG 101	2 cr.
ENG 111	Poetry Writing	ENG 101	2 cr.
ENG 112	Screenwriting	ENG 101	2 cr.
ENG 121	Public Speaking		3 cr.
ENG 131	Workplace Communication	ENG 101	5 cr.
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Survey of Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.
FLM 101	Introduction to Classical Cinema		5 cr.
FLM 102	Contemporary World Cinema		3 cr.
FLM 103	Contemporary Cinema		3 cr.
FRN 111	French I	TSE 099, TSR 099 or Placement Test	5 cr.
FRN 112	French II	1 yr. HS French or FRN 111	5 cr.
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	US History to 1877		5 cr.
HIS 202	US History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.

HIS	212	African-American History since 1877		3 cr.
HIS	428	US History since 1945	HIS 201 or 202	5 cr.
HU	M 10	Music Appreciation		3 cr.
HU	M 201	Introduction to Philosophy	ENG 101	5 cr.
HU	M 211	Intercultural Communication	ENG 101	5 cr.
LFS	105	Academic Strategies		3 cr.
LFS	106	Life Management		3 cr.
POL	110	World Issues		2 cr.
POL	201	American Government		5 cr.
POL	202	Comparative and International Politics		5 cr.
POL	211	American Legal System		2 cr.
PSY	160	Careers in Psychology	PSY 101	2 cr.
PSY	242	Research Methods in Psychology	MSC 201	5 cr.
PSY	255	Positive Psychology	PSY 101	5 cr.
PSY	256	Psychology of Excellence	PSY 101	5 cr.
PSY	257	Psychology of Adjustment	PSY 101	5 cr.
PSY	290	Life-Span Developmental Psych.	PSY 101	5 cr.
PSY	311	Introduction to Life Coaching	PSY 101	5 cr.
PSY	312	Advanced Life Coaching	PSY 311	5 cr.
PSY	320	Health Psychology	PSY 101	5 cr.
PSY	329	Environmental Psychology	PSY 101	5 cr.
PSY	340	Sport Psychology	PSY 101	5 cr.
PSY	356	Personality Psychology	PSY 101	5 cr.
PSY	357	Social Psychology	PSY 101	5 cr.
PSY	358	Psych. of Religion & Spirituality	PSY 101	5 cr.
PSY	359	Health Practitioner/Pt. Relations.	PSY 101	5 cr.
PSY	366	Behavior Modification	PSY 101	5 cr.
PSY	367	Legal Issues & Ethics in Coaching	PSY 311	2 cr.
PSY	369	Internat. & Cross-Cultural Psych.	PSY 101	5 cr.
PSY	375	Marriage & Family	PSY 101	5 cr.
PSY	376	Human Sexuality	PSY 101	5 cr.
PSY	377	Introduction to Counseling	PSY 101	5 cr.
PSY	455	Abnormal Psychology	PSY 101	5 cr.
PSY	456	Biopsychology	PSY 101	5 cr.
PSY	457	Psych. of Motivation & Emotion	PSY 101	5 cr.
PSY	458	Psychological Tests & Measurement	PSY 101	5 cr.
PSY	459	Leadership and Group Processes	PSY 101	5 cr.
PSY	465	Psychology in the Workplace	PSY 101	5 cr.
PSY	466	Psychology of Mind/Body	PSY 101	5 cr.
PSY	468	Psychosocial Aspects of Pain Mgt.	PSY 101	5 cr.
SOC	101	Introduction to Sociology		5 cr.
SPN	111	Spanish I	TSE 099, TSR 099 or Placement Test	5 cr.
SPN	112	Spanish II	1 yr. HS Spanish or SPN 111	5 cr.
SPN	101	Spanish for Healthcare Providers		5 cr.

IV. Biological Sciences: (min. 9 credit hours – with at least two courses with labs)

Courses		Course Name	Prerequisites	Credits
BIO	111+	General Biology I		5 cr.
BIO	112+	General Biology II	BIO 111	5 cr.
BIO	201	Anatomy and Physiology I	BIO 111 & CHM 112	5 cr.
BIO	203	Anatomy and Physiology II	BIO 201	5 cr.

V. Chemistry: (min. 18 credit hours required)

(Minimum 4.5 credits General Chem.; 9 credits Organic Chem. or Biochemistry; 4.5 credits of any other Chemistry – 9 credits of the above must include pertinent Lab)

Courses	Course Name	Prerequisites	Credits
CHM 111+	General Chemistry I	MAT 101	5 cr.
CHM 112+	General Chemistry II	CHM 111	5 cr.
CHM 211+	Organic Chemistry I	CHM 112	5 cr.
CHM 212+	Organic Chemistry II	CHM 211	5 cr.

VI. Physics and Related Studies: (min. 9 credit hours required)

Courses	Course Name	Prerequisites	Credits
PHS 111+	General Physics I	MAT 101 or equivalent	5 cr.
PHS 112+	General Physics II	PHS 111	5 cr.
Or 4.5 credits of Biomechanics, Exercise Physiology, Kinesiology or Statistics			
MSC 201	Introduction to Statistics	MAT 101 or equivalent	5 cr.
SHS 300	Exercise Physiology	BIO 112 or CHM 112	5 cr.

VII. Mathematics: (Prerequisite for Chemistry, Physics & Statistics)

Courses	Course Name	Prerequisites	Credits
MAT 101	College Algebra	TSM 099 or Placement Test	5 cr.

VIII. Electives (Approximate Credits 52-63 needed)

Although not preferred or encouraged, a grade "D" may be used in this area.

Courses	Course Name	Prerequisites	Credits
ATW 108	Athletic Wellness		3 cr.
BIO 101	Survey of Biology		5 cr.
SHS 105	Foundation of Exercise Science		5 cr.
BIO 201	Anatomy and Physiology I	BIO 111 & CHM 112	5 cr.
BIO 203	Anatomy and Physiology II	BIO 201	5 cr.
BIO 312	Cell Biology	BIO 112 & CHM 112	5 cr.
BIO 315	Principles of Ecology	BIO 111 & BIO 112	5 cr.
BIO 316	Principles of Genetics	BIO 112 & CHM 112	5 cr.
BIO 335	Vertebrate Physiology	BIO 201 & BIO 203	5 cr.
CIM 101	Introduction to Computers		5 cr.
ENV 101	An Introduction to Meteorology and Weather		5 cr.
ENV 300	Environmental Science and Sustainability	BIO 112	5 cr.
MSC 201	Introduction to Statistics	PSY 101	5 cr.
MGT 201	Career Management		3 cr.
PHS 112+	General Physics II	PHS 111	5 cr.
PHS 213	General Physics III for Pre-Professionals	PHS 112	5 cr.
SHS 102	Personal Health and Fitness		2 cr.
SHS 300	Exercise Physiology	BIO 112 or CHM 112	5 cr.

Or other courses not previously used, i.e. Biology, Exercise Science, Nutrition, Business, etc.

+ Courses offered in both standard and accelerated format

Bachelor of Science in General Studies

Goals:

1. Students will complete a curriculum of core classes in English, Math, Science and the Social Sciences before completing classes in three major disciplines of 20 credit hours each.
2. Students who have changed majors or who have varied interests will be able to combine two or more disciplines in a degree program.
3. Students who desire a liberal education or need an undergraduate degree for professional advancement on the job or who are preparing for graduate studies will be equipped to achieve their goal.

Degree Requirements

To complete the Bachelor of Science with 185 credit hours and a major in General Studies students are required to take the following curriculum listed below for Area I-VII.

Core Curriculum Offerings

Area I:	Communications & Humanities	20 Credit Hours
Area II:	Science, Mathematics and Computers	25 Credit Hours
Area III:	Social Sciences	20 Credit Hours
Total		**65 Credit Hours**

Bachelor of Science Offerings

Area IV:	General Studies Core	40 Credit Hours
Area V:	Major Requirements	60 Credit Hours
Area VI:	General Studies Electives	10 Credit Hours
Area VII:	Free Electives	10 Credit Hours
Total		**120 Credit Hours**
Total Bachelor of Science Requirements		**185 Credit Hours**

Additional Completion Requirements

1. Completion of at least four years of prescribed study, of which the last year must be in residence at Life University, with at least at least 47 hours of courses applied to the degree in the last year of residency at Life University.
2. No courses used to meet core curriculum requirements may be used in Areas IV – VII.
3. All courses used in Areas IV – VI must be passed with a "C" or better.
4. Satisfactory completion of all courses with a minimum overall cumulative GPA of 2.0.
5. A recommendation for graduation and completion of an exit interview with General Education faculty.
6. File a petition to graduate.
7. Administrative and student reviews of records:
   a. Registrar Office – Complete a formal academic records review
   b. Financial Aid Office – Exit interviews with a Counselor
   c. Student Accounting – "Perkins" Exit interview and rectify account balance
8. Confirm CLP 090, FYE 101 and FYE 103 completion status requirements.

Area I: COMMUNICATION & HUMANITIES 20 Credit Hours

A. Communications (10 credit hours required)

Grade "C" or better required.

Courses	Course Name	Prerequisites	Credits
ENG 101	English Composition I	TSE 099, or Placement Test	5 cr.
ENG 102	English Composition II	ENG 101	5 cr.

B. Literature Requirement (5 credit hours required)

Nutrition majors only may opt to substitute a Foreign Language

Courses	Course Name	Prerequisites	Credits
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.

C. Communications or Humanities Electives (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
ENG 110	Fiction Writing	ENG 101	2 cr.
ENG 111	Poetry Writing	ENG 101	2 cr.
ENG 112	Screenwriting	ENG 101	2 cr.
ENG 121	Public Speaking		3 cr.
(mandatory for General Studies, Nutrition and Psychology majors)			
ENG 131	Workplace Communication	ENG 101	5 cr.
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Survey of Eastern Literature	ENG 101	5 cr.
ENG 206	African American Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.
FLM 101	Introduction to Classical Cinema		5 cr.
FLM 102	World Cinema		3 cr.
FLM 103	Contemporary Cinema		3 cr.
FRN 111	French I	TSE 099, TSR 099, if required	5 cr.
FRN 112	French II	1 yr. HS French, FRN 111 or equivalent	5 cr.
HUM 101	Music Appreciation		3 cr.
HUM 201	Introduction to Philosophy	ENG 101	5 cr.
HUM 211	Intercultural Communication	ENG 101	5 cr.
SPN 101	Spanish for Healthcare Providers		5 cr.
SPN 111	Spanish I	TSE 099, TSR 099, if required	5 cr.
SPN 112	Spanish II	1 yr. HS Spanish, SPN 111 or equivalent	5 cr.

Or any other Communications or Humanities classes not used elsewhere.

Area II: SCIENCE, MATHEMATICS & COMPUTERS 25 Credit Hours

See program details for specific requirements.

A. Mathematics (5 credit hours required OR 10 credit hours required for Business and CIM majors)
Grade "C" or better required.

Courses	Course Name	Prerequisites	Credits
MAT 101	College Algebra	TSM 099 or Placement Test	5 cr.
	OR		
MAT 100	Contemporary Mathematics	TSM 099 or Placement Test	5 cr.

(MAT 101 required for all Science majors, such as Biology, Biopsychology, Nutrition and Exercise Science; Business majors may choose MAT 100)

B. Science or Math (15 credit hours required)

Courses	Course Name	Prerequisites	Credits
BIO 111	General Biology I		5 cr.
BIO 112	General Biology II	BIO 111 or equivalent	5 cr.
CHM 111	General Chemistry I	MAT 101 or equivalent	5 cr.

(BIO 111, BIO 112 and CHM 111 are required for Science majors such as Biology, Biopsychology and Exercise Science; BIO 111, BIO 201 and CHM 111 are required for Nutrition majors) *Grade "C" or better also required.*

MAT 102	Decision Mathematics	MAT 100 or MAT 101	5 cr.
MAT 103	Survey of Calculus	MAT 100 or MAT 101	5 cr.

(MAT 102 or MAT 103 required for Business Majors)

BIO 101	Survey of Biology*		5 cr.
BIO 103	Survey of Biodiversity*		5 cr.
NTR 209	Principles of Food Preparation*		3 cr.
NTR 240	Medical Terminology*		2 cr.
NTR 301	Research Methodology*	CIM 101	2 cr.
NTR 307	Nutrition Education*	CIM 101 & ENG 101	2 cr.
SHS 102	Personal Health and Fitness*		2 cr.
SHS 105	Foundation of Exercise Science*		5 cr.
SHS 142	First Aid and CPR*		2 cr.

OR any 100 level or above Basic Science, Exercise Science, Natural Science, Nutrition or Mathematics course (for business majors only), but no activity courses. Biology, Nutrition, Exercise Science, BioPsychology and Pre-Chiropractic students should take those sciences that are needed for their program of study.

**These sciences cannot be used to fulfill Areas II, IV–VI for the Science degrees or for Pre-Chiropractic science requirements.*

C. Computer Information Management (5 credit hours required for all programs of study) *Grade of "C" or better required for Business and CIM majors.*

Courses	Course Name	Prerequisites	Credits
CIM 101	Introduction to Computers		5 cr.

Area III: SOCIAL SCIENCES — 20 Credit Hours

A. History or American Government
(5 credit hours required, choose one of the following)

Courses	Course Name	Prerequisites	Credits
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
POL 201	American Government		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.

B. Social Science electives (15 credit hours required – not taken above)

Courses	Course Name	Prerequisites	Credits
ECO 201	Principles of Microeconomics (non-business majors)	ENG 101	5 cr.
ECO 202	Principles of Macroeconomics (non-business majors)	ENG 101	5 cr.
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.

HIS	110	World Geography		5 cr.
HIS	201	U.S. History to 1877		5 cr.
HIS	202	U.S. History since 1877		5 cr.
HIS	211	African-American History to 1877		3 cr.
HIS	212	African-American History since 1877		3 cr.
POL	110-119	World Issues		2 cr.
POL	201	American Government		5 cr.
POL	202	Comparative and International Politics		5 cr.
POL	211	American Legal System		2 cr.
PSY	101	General Psychology		5 cr.

Is mandatory for all Grade of "C" or better required for all Nutrition, Psychology and Exercise Science majors and Pre-Chiropractic students) Grade "C" or better also required.

PSY	160	Careers in Psychology		2 cr.
PSY	242	Research Methods in Psychology	MSC 201	5 cr.
PSY	255	Positive Psychology	PSY 101	5 cr.
PSY	256	Psychology of Excellence	PSY 101	5 cr.
PSY	257	Psychology of Adjustment	PSY 101	5 cr.
PSY	290	Life-Span Developmental Psych.	PSY 101	5 cr.
PSY	311	Introduction to Life Coaching	PSY 101	5 cr.
PSY	312	Advanced Life Coaching	PSY 311	5 cr.
PSY	320	Health Psychology	PSY 101	5 cr.
PSY	329	Environmental Psychology	PSY 101	5 cr.
PSY	340	Sport Psychology	PSY 101	5 cr.
PSY	356	Personality Psychology	PSY 101	5 cr.
PSY	357	Social Psychology	PSY 101	5 cr.
PSY	358	Psych. of Religion & Spirituality	PSY 101	5 cr.
PSY	359	Health Practitioner/Pat. Relations.	PSY 101	5 cr.
PSY	366	Behavior Modification	PSY 101	5 cr.
PSY	367	Legal Issues & Ethics in Coaching	PSY 101	2 cr.
PSY	369	Internat. & Cross-Cultural Psych.	PSY 101	5 cr.
PSY	375	Marriage & Family	PSY 101	5 cr.
PSY	376	Human Sexuality	PSY 101	5 cr.
PSY	377	Introduction to Counseling	PSY 101	5 cr.
PSY	455	Abnormal Psychology	PSY 101	5 cr.
PSY	456	Biopsychology	PSY 101	5 cr.
PSY	457	Psych. of Motivation & Emotion	PSY 101	5 cr.
PSY	458	Psychological Tests & Measurement	PSY 101	5 cr.
PSY	459	Leadership and Group Processes	PSY 101	5 cr.
PSY	465	Psychology in the Workplace	PSY 101	5 cr.
PSY	466	Psychology of Mind/Body	PSY 101	5 cr.
PSY	468	Psychosocial Aspects of Pain Mgt.	PSY 101	5 cr.
SOC	101	Introduction to Sociology		5 cr.

Area IV: GENERAL STUDIES CORE — 40 Credit Hours

Grade of "C" or better required.

A. Humanities (10 – 20 Quarter Hours Required)
Courses drawn from Communications or Humanities not taken above (at least five hours of Literature and five hours of Film, Foreign Language, Writing courses or HUM 201).

B. Social Sciences (10 – 20 Quarter Hours Required)
Courses drawn from History, Political Science, Psychology, Sociology or other social sciences courses not taken above (at least five hours of History and five hours of Psychology or SOC 101).

C. Science, Mathematics and Computers (10 – 20 Quarter Hours Required)
Courses drawn from Business, Exercise Science, Math, Natural Science or Nutrition not taken above needed as prerequisites for upper level degree coursework.

Area V: MAJOR AREA REQUIREMENTS 60 quarter hours

Grade of "C" or better required.
(All courses must be level 300 or above and not used previously above)

Area VI: GENERAL STUDIES ELECTIVES 10 quarter hours

Grade of "C" or better required.
(All courses must be level 300 or above and not used previously above)

Area VII: FREE ELECTIVES 10 Credit Hours

Any course offered not previously taken.

Department of Positive Human Development & Social Change

Coaching Psychology Program

The Coaching Psychology certificate, undergraduate and graduate programs at Life University seek to enhance the performance, productivity and quality of life of individuals, organizations and the broader community through excellence in the practice of coaching psychology. The Coaching Psychology programs in the Department of Positive Human Development and Social Change at Life University is the world's second university-based Coaching Psychology Unit and emphasizes an integrative, holistic and evidence-based model for optimizing both personal and professional growth.

Students are educated in cognitive, affective and behavioral modalities— the major domains of functioning—and their reciprocal, dynamic relation to each other and are taught empirically validated strategies and techniques to facilitate self – development of the "coachee." Students gain an understanding of core coaching competencies and the ability to apply them appropriately in different contexts. The program is designed to enable undergraduate and graduate level, and non-degree students to obtain the certificate in four quarters of course work. In addition to the Coaching Psychology certificate program, traditional students may obtain a Coaching Psychology concentration as part of their A.S. or B.S. in undergraduate psychology or M.S. in Positive Psychology.

Life University is a Center for Credentialing & Education (CCE), Approved Board Certified Coach (BCC) training provider and holds ACSTH accreditation through the International Coach Federation (ICF). Therefore, students who complete the program are eligible to pursue Associate Certified Coach (ACC) as well as Board Certified Coach (BCC) designations.

The educational goals of the Coaching Psychology Certificate and the Associate of Science Degree in Coaching psychology are as follows:

Participants will:

- Learn and adhere to the ICF definition of coaching: "Partnering with clients in a thought-provoking and creative process that inspires them to maximize their personal and professional potential;"
- Be able to co-create the coaching relationship by establishing trust, intimacy and coaching presence;
- Be able to distinguish between clinical and non-clinical issues and respond accordingly;
- Know how to establish coaching agreements and engagements that are in alignment with current ICF and CCE ethical guidelines and professional standards;
- Have an extensive communication repertoire, including the ability to craft powerful questions, listen actively, create rapport, support informing, advising, motivation and evaluating in a variety of client settings; and
- Be able to facilitate learning and results through effective goal setting, creating awareness, action planning, and accountability and managing progress.

Certificate in Coaching Psychology

The educational goals of the Coaching Psychology Certificate program are as follows:

- Students will be able to distinguish between clinical and non-clinical issues;
- Students will understand and be able to implement cognitively, behaviorally and effectively focused evidenced-based coaching strategies;
- Students will know ethical guidelines and professional standards of coaching;
- Students will know how to establish a coaching agreement;
- Students will have extensive communication skills (e.g., powerful questioning, active listening, creating rapport, supporting, informing, advising, motivating and evaluating) and be able to apply them in various settings;
- Students will be able to identify and create awareness of potential areas of concern and collaboratively apply problem-solving skills in appropriate contexts;
- Students will be able to facilitate positive sustained change and learning through action plans, goal settings, managing progress and accountability; and
- Students will complete training consistent with the core competency guidelines set forth by the International Coaching Federation.

Coaching Psychology Certificate Curriculum

Certificate Requirements:

Students acquiring the Coaching Psychology Certificate will complete 63 credit hours in the Coaching Psychology Curriculum. This curriculum with a practicum experience and a comprehensive examination has a three-hour written section as well as a graded assessment of students' coaching skills in the coaching/client context. The practicum experiences will require each student to be coached in a mentor-coach relationship, and to coach three people under the supervision of a psychology faculty member. The curriculum offerings are as follows:

Certificate Curriculum Offerings

Area A:	Coaching Psychology Core Requirements	30 Credit Hours
Area B:	Applied Coaching Psychology Requirements	23 Credit Hours
Area C:	Coaching Psychology Electives	10 Credit Hours
	Total	63 Credit Hours

Area A: COACHING PSYCHOLOGY CORE 30 Credit Hours

Courses	Course Name	Prerequisites	Credits
PSY 101	General Psychology		5 cr.
PSY 255	Positive Psychology	PSY 101	5 cr.
PSY 290	Life-Span Developmental Psyc.	PSY 101	5 cr.
PSY 356	Personality Psychology	PSY 101	5 cr.
PSY 455	Abnormal Psychology	PSY 101	5 cr.
PSY 457	Psyc. of Motivation & Emotion	PSY 101	5 cr.

Area B: APPLIED COACHING PSYCHOLOGY REQ. 23 Credit Hours

Courses	Course Name	Prerequisites	Credits
PSY 256	Psychology of Excellence	PSY 101	5 cr.
PSY 325	Behavior Modification	PSY 101	5 cr.
PSY 311	Introduction to Life Coaching	PSY 101	5 cr.
PSY 312	Advanced Life Coaching	PSY 311	5 cr.
PSY 367	Legal & Ethical Issues in Coaching	PSY 101	2 cr.
PSY 497	Coaching Practicum	Dept. Permission	3 cr.
PSY 498	Coaching Practicum.	Dept. Permission	3 cr.

Area C: COACHING PSYCHOLOGY ELECTIVES 10 Credit Hours

Courses	Course Name	Prerequisites	Credits
PSY 257	Psychology of Adjustment	PSY 101	5 cr.
PSY 313	Career Coaching	PSY 101	5 cr.
PSY 340	Sport Psychology	PSY 101	5 cr.
PSY 358	Psyc. of Religion & Spirituality	PSY 101	5 cr.
PSY 369	International & Cross-Cultural Psyc.	PSY 101	5 cr.
PSY 375	Marriage & Family	PSY 101	5 cr.
PSY 435	Compassion and Secular Ethics	PSY 101	5 cr.
PSY 458	Psychological Tests & Measurement	PSY 101	5 cr.
PSY 459	Leadership and Group Processes	PSY 101	5 cr.
PSY 465	Psychology in the Workplace	PSY 101	5 cr.
PSY 466	Psychology of Mind/Body	PSY 101	5 cr.
PSY 468	Psychosocial Aspects of Pain Mgt.	PSY 101	5 cr.

Additional Completion Requirements

1. Satisfactory completion of all psychology courses with a minimum grade of C.
2. Satisfactory performance on the three hour written comprehensive examination as well the graded assessment of student's coaching skills in the coaching/client context with a minimum grade of C.
3. A recommendation for Certification and completion of an exit interview with Psychology faculty.
4. Student Administrative records reviews
   A. Registrar Office – Complete a formal records review
   B. Financial Aid Office – Exit interviews with a Counselor
   C. Student Accounting – Accounting Balance Reconciliation and/or "Perkins" Exit interview
5. Confirm CLP 090, FYE 101 and FYE 103 completion status requirements.

Associate of Science Degree in Coaching Psychology

Associate of Science in Coaching Psychology Curriculum

Core Curriculum Offerings

Area I:	Communication and Humanities	15 Credit Hours
Area II:	Science, Mathematics and Computers	15 Credit Hours
Area III:	Social Sciences	10 Credit Hours
	Total	**40 Credit Hours**

Associate of Science in Offerings

Area IV:	Core Requirements	30 Credit Hours
Area V:	Applied Coaching Psychology Requirements	23 Credit Hours
Area VI:	Coaching Psychology Electives	5 Credit Hours
Area VII:	General Electives	0 Credit Hours
	Total	**58 Credit Hours**
Total of Associate of Science in Coaching Psychology Degree		**98 Credit Hours**

Area I: COMMUNICATION AND HUMANITIES 15 Credit Hours

Courses	Course Name	Prerequisites	Credits
ENG 101	English Composition I	TSE 099, TOEFL, or Placement Test	5 cr.
ENG 102	English Composition II	ENG 101	5 cr.
	AND Any Com/Hum Elective		5 cr.

Area II: SCIENCE, MATHEMATICS AND COMPUTERS 15 Credit Hours

Courses	Course Name	Prerequisites	Credits
CIM 101	Introduction to Computers and the Internet	5 cr.	
MAT 101	College Algebra	TSM 099	
		or Placement Test	5 cr.
AND	Any Science Elective		5 cr.

Area III: SOCIAL SCIENCES 10 Credit Hours

A. History or American Government
(5 credit hours required, choose one of the following)

Courses	Course Name	Prerequisites	Credits
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
POL 201	American Government		5 cr.

B. Social Science Required

PSY 101	General Psychology		5 cr.

Area IV: LIFE COACHING CORE 30 Credit Hours

Courses	Course Name	Prerequisites	Credits
PSY 255	Positive Psychology	PSY 101	5 cr.
PSY 256	Psychology of Excellence	PSY 101	5 cr.
PSY 290	Life-Span Developmental Psyc.	PSY 101	5 cr.
PSY 356	Personality Psychology	PSY 101	5 cr.
PSY 455	Abnormal Psychology	PSY 101	5 cr.
PSY 457	Psyc. of Motivation & Emotion	PSY 101	5 cr.

Area V: APPLIED LIFE COACHING REQUIREMENTS 23 Credit Hours

Courses	Course Name	Prerequisites	Credits
PSY 311	Introduction to Life Coaching	PSY 101	5 cr.
PSY 312	Advanced Life Coaching	PSY 311	5 cr.
PSY 366	Behavior Modification	PSY 101	5 cr.
PSY 367	Legal & Ethical Issues in Coaching	PSY 101	2 cr.
PSY 497	Coaching Practicum	Dept. Permission	6 cr.

Area VI: LIFE COACHING ELECTIVES 5 Credit Hours

Courses	Course Name	Prerequisites	Credits
PSY 257	Psychology of Adjustment	PSY 101	5 cr.
PSY 313	Career Coaching	PSY 101	5 cr.
PSY 340	Sport Psychology	PSY 101	5 cr.
PSY 358	Psyc. of Religion & Spirituality	PSY 101	5 cr.
PSY 369	International & Cross-Cultural Psyc.	PSY 101	5 cr.
PSY 375	Marriage & Family	PSY 101	5 cr.
PSY 459	Leadership and Group Processes	PSY 101	5 cr.
PSY 465	Psychology in the Workplace	PSY 101	5 cr.
PSY 466	Psychology of Mind/Body	PSY 101	5 cr.
PSY 468	Psychosocial Aspects of Pain Mgt.	PSY 101	5 cr.
SHS 320	Health Coaching	PSY 101 & Dept	
		Permission	5 cr.

Area VII: GENERAL ELECTIVES 0 Credit Hours

Additional Completion Requirements

1. Satisfactory completion of all psychology courses with a minimum grade of C.
2. Satisfactory performance on the three-hour written comprehensive examination as well the graded assessment of student's coaching skills in the coaching/client context with a minimum grade of C.
3. A recommendation for Certification and completion of an exit interview with Psychology faculty.
4. Student Administrative records reviews
   a. Registrar Office – complete a formal records review
   b. Financial Aid Office – Exit interviews with a Counselor
   c. Student Accounting – Accounting Balance Reconciliation and/or "Perkins" Exit interview
5. Confirm CLP 090, FYE 101 and FYE 103 completion status requirements.

Bachelor of Science in Psychology

The educational goals of the Bachelor of Science in Psychology program are as follows:

1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings and historical trends in psychology;
2. Students will understand and apply basic research methods in psychology, including research design, data analysis and interpretation;
3. Students will respect and use critical and creative thinking and skeptical inquiry;
4. Students will understand and apply psychological principles to personal, social and organizational issues;
5. Students will be able to communicate effectively in a variety of formats;
6. Students will recognize, understand, and respect the complexity of socio-cultural and international diversity;
7. Students will develop insight into their own and others' behavior and mental process and apply effective strategies for self-management and self-improvement;
8. Students will emerge from the major with realistic ideas about how to implement their psychological knowledge, skills and values in occupational pursuits in a variety of positions and settings, especially leadership positions and entrepreneurial settings;
9. Students will demonstrate an understanding concerning the "vitalistic," as opposed to the mechanistic, perspective on human functioning in which the mind, body and spirit operate dynamically to create quality of health and wellbeing; and
10. Students will demonstrate an understanding of personal integrity and how to manage it effectively to promote excellence in the personal and professional realm.

Bachelor of Science in Psychology (Coaching Track)

To obtain a coaching track concentration, students are required to take the following:

PSY 312	Advanced Life Coaching,
PSY 367	Legal Issues and Ethics in Coaching
and PSY 49	Coaching Practicum I
PSY 498	Coaching Practicum II

Minor in Psychology

A minor in psychology consists of 30 quarter hours of psychology. Students must take General Psychology (PSY 101) an additional 25 hours, 15 of which must be junior/senior level courses. Students may transfer up to 15 quarter hours of psychology courses taken at other educational institutions if a "C" or better was obtained and it is approved by psychology faculty.

Bachelor Of Science In Psychology Degree Curriculum

Degree Requirements

Students receiving a Bachelor of Science in Psychology degree must complete a minimum total of 188 cr. hr. of instruction.

Core Curriculum Offerings

Area I:	Communications & Humanities	20 Credit Hours
Area II:	Science, Mathematics and Computers	25 Credit Hours
Area III:	Social Sciences	20 Credit Hours
	Total	**65 Credit Hours**

Bachelor of Science Offerings

Area IV:	Psychology Science Core	45 Credit Hours
Area V:	Applied Psychology Requirements	48 Credit Hours
Area VI:	Psychology Electives	20 Credit Hours
Area VII:	Free Electives	10 Credit Hours
	Total	**123 Credit Hours**

Total Bachelor of Science Requirements 188 Credit Hours

Additional Completion Requirements

1. Completion of at least four years of prescribed study, of which a student must earn a minimum of the last 47 credits in residence at Life University, with at least 25 hours of psychology courses in residency.
2. Satisfactory completion of all psychology courses in Areas IV – VI with a minimum grade of C.
3. Satisfactory completion of all courses with a minimum overall cumulative GPA of 2.0.
4. A recommendation for graduation and completion of an exit interview with Psychology faculty.
5. File a petition to graduate.
6. Student Administrative records reviews
   a. Registrar Office – Complete a formal records review
   b. Financial Aid Office – Exit interviews with a Counselor
   c. Student Accounting – "Perkins" Exit interview
7. Confirm CLP 090, FYE 101 and FYE 103 completion status requirements

Area I: COMMUNICATION & HUMANITIES 20 Credit Hours

A. Communications (10 credit hours required) *Grade "C" or better required.*

Courses	Course Name	Prerequisites	Credits
ENG 101	English Composition I	TSE 099, TOEFL, or Placement Test	5 cr.
ENG 102	English Composition II	ENG 101	5 cr.
ENG 121	Public Speaking		3 cr.

B. Literature Requirement (2 credit hours required)

Courses	Course Name	Prerequisites	Credits
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 206	African American Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.
ENG 240	Critical Thinking and Literature	ENG 101	5 cr.

C. Communications or Humanities Electives (5 credit hours not used in Area I)

Courses	Course Name	Prerequisites	Credits
ART 101	Digital Photography		5 cr.
ART 120	Theatre Arts Appreciation I	ENG 101	5 cr.
ART 121	Theatre Arts Appreciation II	ENG 101	5 cr.
CHN 111	Mandarin Chinese I	TSE 099, TSR 099, or Placement Test	5 cr.
CHN 112	Mandarin Chinese II	CHN 111	5 cr.
ENG 110	Fiction Writing	ENG 101	2 cr.
ENG 111	Poetry Writing	ENG 101	2 cr.
ENG 112	Screenwriting	ENG 101	2 cr.
ENG 121	Public Speaking **(mandatory for Psychology majors)**		3 cr.
ENG 131	Workplace Communication	ENG 101	5 cr.
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.
ENG 240	Critical Thinking and Literature	ENG 101	5 cr.
FLM 101	Introduction to Classical Cinema		5 cr.
FLM 102	World Cinema		3 cr.
FLM 103	Contemporary Cinema		3 cr.
FRN 111	French I	TSE 099, TSR 099, or Placement Test	5 cr.
FRN 112	French II	1 yr. HS French or FRN 111	5 cr.
HUM 101	Music Appreciation		3 cr.
HUM 201	Introduction to Philosophy	ENG 101	5 cr.
HUM 211	Intercultural Communication	ENG 101	5 cr.
SPN 111	Spanish I	TSE 099, TSR 099, or Placement Test	5 cr.
SPN 112	Spanish II	1 yr. HS Spanish or SPN 111	5 cr.
SPN 101	Spanish for Healthcare Providers		5 cr.

Area II: SCIENCES, MATHEMATICS AND COMPUTERS 25 Credit Hours

A. Mathematics Required (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
MAT 101	College Algebra	TSM 099 or Placement Test	5 cr.

B. Science or Math Required (15 credit hours required)

Course	Course Name	Prerequisites	Credits

Any Science, Math, or Computer course not needed elsewhere (BIO 111 is recommended)

C. Computers Required (5 credit hours required)

Course	Course Name	Prerequisites	Credits
CIM 101	Intro to Computers		5 cr.

Area III SOCIAL SCIENCES — 20 Credit Hours

A. History or American Government

(5 credit hours required, choose one of the following)

Courses	Course Name	Prerequisites	Credits
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
POL 201	American Government		5 cr.

B. Social Science Required (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
PSY 101	General Psychology		5 cr.

C. Social Science electives (10 credit hours required)

Courses	Course Name	Prerequisites	Credits
ECO 201	Principles of Microeconomics	ENG 101	5 cr.
ECO 202	Principles of Macroeconomics	ENG 101	5 cr.
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
HIS 428	U.S. History since 1945	HIS 201 or 202	5 cr.
POL 110	World Issues		2 cr.
POL 201	American Government		5 cr.
POL 202	Comparative and International Politics		5 cr.
POL 211	American Legal System		2 cr.
PSY 101	General Psychology		5 cr.
SOC 101	Introduction to Sociology		5 cr.

Area IV: PSYCHOLOGY CORE — 45 Credit Hours

Courses	Course Name	Prerequisites	Credits
MSC 201	Introduction to Statistics	MAT 101	5 cr.
PSY 242	Research Methods in Psychology	MSC 201	5 cr.
PSY 290	Life-Span Developmental Psyc.	PSY 101	5 cr.
PSY 356	Personality Psychology	PSY 101	5 cr.
PSY 357	Social Psychology	PSY 101	5 cr.
PSY 358	Psyc. of Religion & Spirituality	PSY 101	5 cr.
PSY 455	Abnormal Psychology	PSY 101	5 cr.
PSY 456	Biopsychology	PSY 101	5 cr.
PSY 457	Psych. of Motivation & Emotion	PSY 101	5 cr.

Area V: APPLIED PSYCHOLOGY REQUIREMENT — 42 Credit Hours

Courses	Course Name	Prerequisites	Credits
PSY 160	Careers in Psychology	PSY 101	2 cr.
PSY 255	Positive Psychology	PSY 101	5 cr.
PSY 256	Psychology of Excellence	PSY 101	5 cr.

PSY	311	Introduction to Life Coaching	PSY 101	5 cr.
PSY	320	Health Psychology	PSY 101	5 cr.
PSY	435	Compassion and Secular Ethics	PSY 101	5 cr.
PSY	359	Health Practitioner/Pt. Relationship	PSY 101	5 cr.
PSY	366	Behavior Modification	PSY 101	5 cr.
PSY	498	Senior Capstone Seminar	Senior Standing	5 cr.

And 6 Credits from one of the following groups

Group. 1

PSY	472	Senior Research Project I	Dept. Permission	2 cr.
PSY	474	Senior Research Project II	Dept. Permission	2 cr.
PSY	476	Senior Research Project III	Dept. Permission	2 cr.

Group 2

PSY	485	Internship in Psychology	Dept. Permission	6 cr.

Group 3

PSY	497	Coaching Practicum I	Dept. Permission	3 cr.
PSY	498	Coaching Practicum II	Dept. Permission	3 cr.

Area VI: PSYCHOLOGY ELECTIVES 20 Credit Hours

Any psychology course in the University curriculum, not previously used toward degree requirements.

Courses		Course Name	Prerequisites	Credits
PSY	257	Psychology of Adjustment	PSY 101	5 cr.
PSY	312	Advanced Life Coaching	PSY 311	5 cr.
PSY	313	Career Coaching	PSY 101	5 cr.
PSY	329	Environmental Psychology	PSY 101	5 cr.
PSY	340	Sport Psychology	PSY 101	5 cr.
PSY	367	Legal Issues & Ethics in Coaching	PSY 311	2 cr.
PSY	369	International & Cross-Cultural Psyc.	PSY 101	5 cr.
PSY	375	Marriage & Family	PSY 101	5 cr.
PSY	376	Human Sexuality	PSY 101	5 cr.
PSY	377	Introduction to Counseling	PSY 101	5 cr.
PSY	458	Psychological Tests & Measurement	PSY 101	5 cr.
PSY	459	Leadership and Group Processes	PSY 101	5 cr.
PSY	465	Psychology in the Workplace	PSY 101	5 cr.
PSY	466	Psychology of Mind/Body	PSY 101	5 cr.
PSY	468	Psychosocial Aspects of Pain Mgt.	PSY 101	5 cr.
PSY	495	Directed Study	Dept. Permission	1-5 cr.
PSY	496	Directed Research	Dept. Permission	1-5 cr.

Area VII: GENERAL ELECTIVES 10 Credit Hours

Any undergraduate course, 100 level or above, not used previously.

Bachelor of Science in Psychology (Coaching Track)

To obtain a coaching track concentration, students are required to take PSY 312 – Advanced Coaching, PSY 367 – Legal Issues and Ethics in Coaching and PSY 497 – Coaching Practicum.

Obtaining a Minor in Psychology With Other Degrees

Students who are seeking Bachelor's Degree in anything other than Psychology may obtain a minor in psychology. Obtaining this minor consists of completing 30 quarter hours of psychology. Students must take General Psychology (PSY 101) and an additional 25 hours, 15 of which must be junior/senior level courses. Students may transfer up to 15 quarter hours of psychology courses taken at other educational institutions if a "C" or better was obtained and it is approved by psychology faculty.

Bachelor of Science Degree in Biopsychology (Interdisciplinary)

This interdisciplinary program in the Department of Positive Human Development and Social Change at Life University immerses students in the complex interdependencies between "mind" and "body." Students receiving a Bachelor of Science in Biopsychology gain knowledge of fundamental biopsychological concepts regarding bases of behavior, emotion, cognition and their relation to overall wellbeing. Future professions for graduates frequently involve applying this knowledge of physiology and psychology to issues of health promotion, motivation, stress, illness, drug use and abuse and more. Students are also prepared to take on graduate work in fields such as Chiropractic, medicine, nursing, dentistry, psychology or neuroscience.

Objectives:

The educational goals of the Biopsychology program are as follows:

1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings and historical trends in biology, chemistry and psychology;
2. Students will understand and apply basic research methods in biology, chemistry and psychology including research design, data analysis and interpretation;
3. Students will respect and use critical and creative thinking, and skeptical inquiry;
4. Students will be able to communicate effectively in a variety of formats;
5. Students will develop insight into their own and others' behavior and mental process;
6. Students will emerge from the major with realistic ideas about how to implement their psychological knowledge, skills and values in occupational pursuits in a variety of positions and settings, especially leadership positions and entrepreneurial settings;
7. Students will demonstrate an understanding concerning the "vitalistic," as opposed to the mechanistic, perspective on human functioning in which the mind, body, and spirit operate dynamically to create quality of health and wellbeing; and
8. Students will demonstrate an understanding of personal integrity and how to manage it effectively to promote excellence in the personal and professional realm.

Bachelor of Science Degree In Biopsychology Curriculum (Interdisciplinary) Degree Requirements

Students receiving a Bachelor of Science in Biopsychology degree must complete a minimum total of 188 cr. hr. of instruction.

Core Curriculum Offerings

Area I:	Communications & Humanities	20 Credit Hours
Area II:	Science, Mathematics and Computers	25 Credit Hours
Area III:	Social Sciences	20 Credit Hours
	Total	**65 Credit Hours**

Bachelor of Science Offerings

Area IV:	Natural Science Core	50 Credit Hours
Area V:	Applied Psychology Requirements	35 Credit Hours
Area VI:	Biopsychology Electives	25 Credit Hours
Area VII:	Free Electives	13 Credit Hours
	Total	**123 Credit Hours**
Total Bachelor of Science Requirements		**188 Credit Hours**

Additional Completion Requirements

1. Completion of at least four years of prescribed study, of which a student must earn a minimum of the last 47 credits in residence at Life University, with at least 25 hours of biopsychology courses in residency.
2. Satisfactory completion of all Biology and Psychology courses with a minimum grade of C.
3. Satisfactory completion of all courses with a minimum overall cumulative GPA of 2.0.

4. A recommendation for graduation and completion of an exit interview with General Education faculty.
5. File a petition to graduate.
6. Administrative and student reviews of records
   a. Registrar Office – Complete a formal academic records review
   b. Financial Aid Office – Exit interviews with a Counselor
   c. Student Accounting – "Perkins" Exit interview and rectify account balance
7. Confirm CLP 090, FYE 101 and FYE 103 completion status requirements.

Area I: COMMUNICATION & HUMANITIES 20 Credit Hours

A. Communications (10 credit hours required) *Grade "C" or better required.*

Courses	Course Name	Prerequisites	Credits
ENG 101	English Composition I	TSE 099, TOEFL, or Placement Test	5 cr.
ENG 102	English Composition II	ENG 101	5 cr.

B. Literature Requirement (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 206	African American Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.

C. Communications or Humanities Electives (5 credit hours not used previously)

Courses	Course Name	Prerequisites	Credits
CHN 111	Mandarin Chinese I	TSE 099, TSR 099, or Placement Test	5 cr.
CHN 112	Mandarin Chinese II	CHN 111	5 cr.
ENG 110	Fiction Writing	ENG 101	2 cr.
ENG 111	Poetry Writing	ENG 101	2 cr.
ENG 112	Screenwriting	ENG 101	2 cr.
ENG 121	Public Speaking		3 cr.
(mandatory for General Studies, Nutrition and Psychology majors)			
ENG 131	Workplace Communication	ENG 101	5 cr.
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.
ENG 240	Critical Thinking and Literature	ENG 101	5 cr.
FLM 101	Introduction to Classical Cinema		5 cr.
FLM 102	World Cinema		3 cr.
FLM 103	Contemporary Cinema		3 cr.
FRN 111	French I	TSE 099, TSR 099, or Placement Test	5 cr.

FRN 112	French II	1 yr. HS French or FRN 111	5 cr.
HUM 101	Music Appreciation		3 cr.
HUM 201	Introduction to Philosophy	ENG 101	5 cr.
HUM 211	Intercultural Communication	ENG 101	5 cr.
SPN 111	Spanish I	TSE 099, TSR 099, or Placement Test	5 cr.
SPN 112	Spanish II	1 yr. HS Spanish or SPN 111	5 cr.
SPN 101	Spanish for Healthcare Providers		5 cr.

Area II: SCIENCE, MATHEMATICS & COMPUTERS 25 Credit Hours

A. Mathematics (5 credit hours required) *Grade "C" or better required.*

Courses	Course Name	Prerequisites	Credits
MAT 101	College Algebra	TSM 099 or Placement Test	5 cr.
	OR (for Business majors only)		
MAT 100	Contemporary Mathematics	TSM 099 or Placement Test	5 cr.

B. Science or Math (15 credit hours required)

Courses	Course Name	Prerequisites	Credits
BIO 111	General Biology I		5 cr.
BIO 112	General Biology II	BIO 111 or equivalent	5 cr.
CHM 111	General Chemistry I	MAT 101 or equivalent	5 cr.

(Grade "C" or better also required.)

C. Computer Information Management (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
CIM 101	Introduction to Computers		5 cr.

Area III: SOCIAL SCIENCES 20 Credit Hours

A. History or American Government

(5 credit hours required, choose one of the following)

Courses	Course Name	Prerequisites	Credits
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
POL 201	American Government		5 cr.

B. Social Science Required (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
PSY 101	General Psychology		5 cr.

(Grade "C" or better also required.)

C. Social Science electives (10 credit hours required – not taken above)

Courses	Course Name	Prerequisites	Credits
ECO 201	Principles of Microeconomics	ENG 101	5 cr.
ECO 202	Principles of Macroeconomics	ENG 101	5 cr.

HIS	101	World Civilization to 1500		5 cr.
HIS	102	World Civilization since 1500		5 cr.
HIS	110	World Geography		5 cr.
HIS	201	U.S. History to 1877		5 cr.
HIS	202	U.S. History since 1877		5 cr.
HIS	211	African-American History to 1877		3 cr.
HIS	212	African-American History since 1877		3 cr.
HIS	428	U.S. History since 1945	HIS 201 or 202	5 cr.
POL	110	World Issues		2 cr.
POL	201	American Government		5 cr.
POL	202	Comparative and International Politics		5 cr.
POL	211	American Legal System		2 cr.
PSY	160	Careers in Psychology	PSY 101	2 cr.
PSY	242	Research Methods in Psychology	MSC 201	5 cr.
PSY	255	Positive Psychology	PSY 101	5 cr.
PSY	256	Psychology of Excellence	PSY 101	5 cr.
PSY	257	Psychology of Adjustment	PSY 101	5 cr.
PSY	290	Life-Span Developmental Psych.	PSY 101	5 cr.
PSY	311	Introduction to Life Coaching	PSY 101	5 cr.
PSY	312	Advanced Life Coaching	PSY 311	5 cr.
PSY	313	Career Coaching	PSY 101	5 cr.
PSY	320	Health Psychology	PSY 101	5 cr.
PSY	329	Environmental Psychology	PSY 101	5 cr.
PSY	340	Sport Psychology	PSY 101	5 cr.
PSY	356	Personality Psychology	PSY 101	5 cr.
PSY	357	Social Psychology	PSY 101	5 cr.
PSY	358	Psych. of Religion & Spirituality	PSY 101	5 cr.
PSY	359	Health Practitioner/Pat. Relations.	PSY 101	5 cr.
PSY	366	Behavior Modification	PSY 101	5 cr.
PSY	367	Legal Issues & Ethics in Coaching	PSY 311	2 cr.
PSY	369	Internat. & Cross-Cultural Psych.	PSY 101	5 cr.
PSY	375	Marriage & Family	PSY 101	5 cr.
PSY	376	Human Sexuality	PSY 101	5 cr.
PSY	377	Introduction to Counseling	PSY 101	5 cr.
PSY	455	Abnormal Psychology	PSY 101	5 cr.
PSY	456	Biopsychology	PSY 101	5 cr.
PSY	457	Psych. of Motivation & Emotion	PSY 101	5 cr.
PSY	458	Psychological Tests & Measurement	PSY 101	5 cr.
PSY	459	Leadership and Group Processes	PSY 101	5 cr.
PSY	465	Psychology in the Workplace	PSY 101	5 cr.
PSY	466	Psychology of Mind/Body	PSY 101	5 cr.
PSY	468	Psychosocial Aspects of Pain Mgt.	PSY 101	5 cr.
SOC	101	Introduction to Sociology		5 cr.

Area IV: NATURAL SCIENCE CORE — 50 Credit Hours

Courses	Course Name	Prerequisites	Credits
BIO 312	Cell Biology	BIO 112 & CHM 112	5 cr.
BIO 316	Principles of Genetics	BIO 112 & CHM 112	5 cr.
CHM 112	General Chemistry I I	CHM 111	5 cr.
CHM 211	Organic Chemistry I	CHM 112	5 cr.
CHM 212	Organic Chemistry II	CHM 211	5 cr.
PHS 111	General Physics I	MAT 101	5 cr.

5 Credits from one of the Following

BIO	335	Vertebrate Physiology	BIO 201 & BIO 203	5 cr.
	OR			
BIO	410	Neurophysiology	BIO 302, 303, 1501	5 cr.

5 Credits from one of the Following

PHS	112	General Physics II	PHS 111	5 cr.
	OR			
SHS	300	Exercise Physiology I	BIO 201	5 cr.

10 Credits from one of the following groups

Group 1

BIO	201	Anatomy and Physiology I	BIO 111 & CHM 112	5 cr.
	AND			
BIO	203	Anatomy and Physiology II	BIO 201	5 cr.

Group 2

BIO	401	Anatomy and Physiology	BIO 112 or equivalent	4 cr.
	AND			
BIO	425	Visceral Physiology	BIO 312, BIO 335 or BIO 401	6 cr.

Area V: PSYCHOLOGY REQUIREMENTS — 35 Credit Hours

Courses	Course Name	Prerequisites	Credits
MSC 201	Introduction to Statistics	MAT 101	5 cr.
PSY 242	Research Methods in Psychology	MSC 201	5 cr.
PSY 320	Health Psychology	PSY 101	5 cr.
PSY 359	Health Practitioner/Pt. Relationship	PSY 101	5 cr.
PSY 456	Biopsychology	PSY 101	5 cr.
PSY 466	Psychology of Mind/Body	PSY 101	5 cr.

5 Credits from one of the Following

Group. 1

PSY	290	Life-Span Developmental Psyc.	PSY 101	5 cr.

Group 2

PSY	505	Human Development	PSY 101	2 cr.
	AND			
PSY	605	Clinical Psychology	PSY 101	3 cr.

Area VI: BIOPSYCHOLOGY ELECTIVES — 25 Credit Hours

Course	Course Name	Prerequisites	Credits
BIO 302	Embryology	BIO 112 or equivalent	2 cr.
BIO 420	Endocrinology	BIO 525	4 cr.
BIO 431	Microbiology I	CHM312	5 cr.
BIO 433	Microbiology II	BIO 231	3 cr.
BIO 435	Physiology Lab	BIO 510	3 cr.
BIO 437	Immunology & Disease Pattern	BIO 331	3 cr.
BIO 515	Public Health	BIO 112 or equivalent	2 cr.
CHM 311	Biochemistry I	BIO 112 & CHM 212	6 cr.
CHM 312	Biochemistry II	CHM 311	5 cr.
NTR 300	Fundamentals of Nutrition	BIO 112 & CHM 212	4 cr.

Any 250 level or above Psychology Course not previously used

Area VII: GENERAL ELECTIVES 13 Credit hours

Any undergraduate course, 100 level or above, not used previously

Associate of Science in Computer Information Management

Degree Requirements

Students receiving a Associate of Science in Computer Information Management degree must complete a minimum total of 95 cr. hr. of instruction.

Core Curriculum Offerings

Area I:	Communications and Humanities	15 Credit Hours
Area II:	Sciences, Mathematics and Computers	15 Credit Hours
Area III:	Social Science	20 Credit Hours
	Total	**50 Credit Hours**

Associate Degree Offerings

Area IV:	Business	10 Credit Hours
Area V:	CIM Core Offerings	20 Credit Hours
Area VI:	CIM Electives	15 Credit Hours
	Total	**45 Credit Hours**
	Total Degree Requirements	**95 Credit Hours**

Additional Completion Requirements:

1. Completion of at least two years of prescribed study, of which the last year must be in residence at Life University, with at least 25 hours of courses in the last year of residency.
2. Satisfactory completion of all in Areas IV – VI courses with a minimum grade of "C" or better.
3. Satisfactory completion of all courses with a minimum overall cumulative GPA of 2.0.
4. File a petition to graduate.
5. Administrative and student reviews of records
   a. Registrar Office – Complete a formal academic records review
   b. Financial Aid Office – Exit interviews with a Counselor
   c. Student Accounting – "Perkins" Exit interview and rectify account balance
6. Confirm CLP 090, FYE 101 and FYE 103 completion status requirements.

Area I: COMMUNICATIONS AND HUMANITIES 15 Credit Hours

Courses	Course Name	Prerequisites	Credits
ENG 101*	English Composition I	TSE 099, TOEFL or Placement Test	5 cr.
ENG 102*	English Composition II	ENG 101	5 cr.
ENG 131	Workplace Communication	ENG 101	5 cr.
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 205	Survey to Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
HUM 201	Introduction to Western Philosophy	ENG 101	5 cr.

Area II: SCIENCES, MATHEMATICS AND COMPUTERS 15 Credit Hours

A. Mathematics Required (5 Credits)

Courses	Course Name	Prerequisites	Credits
MAT 100	Contemporary Mathematics	TSM 099 or Placement Test	5 cr.
OR			
MAT 101	College Algebra	TSM 099 or Placement Test	5 cr.

B. Math or Science Elective (5 Credits)

Courses	Course Name	Prerequisites	Credits
BIO 101	Survey of Biology		5 cr.
BIO 103	Survey of Biodiversity		5 cr.
ENV 101	An Introduction to Meteorology and Weather		5 cr.
MAT 102	Decision Mathematics	MAT 100 or MAT 101	5 cr.
SHS 105	Foundation of Exercise Science		5 cr.

Or any 5 credits of Math or Science course not previously taken.

C. Computer Required (5 Credits)

Courses	Course Name	Prerequisites	Credits
CIM 101	Introduction to Computers		5 cr.

Area III: SOCIAL SCIENCES 20 Credit Hours

Course	Course Name	Prerequisites	Credits
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 201	US History to 1877		5 cr.
HIS 202	US History since 1877		5 cr.
POL 201	American Government		5 cr.

Area IV: BUSINESS OFFERINGS 10 Credit Hours

Course	Course Name	Prerequisites	Credits
BSN 101*	Introduction to Business		5 cr.
BSN 201	Ethics & Corporate Social Responsibility	BSN 101	5 cr.
BSN 301	Business Law	BSN 101	5 cr.
ECO 201	Principles of Microeconomics	BSN 101/MAT 101	5 cr.
ECO 202	Principles of Macroeconomics	BSN 101/MAT 101	5 cr.
FIN 303	Principles of Finance	ACT 202	5 cr.
MGT 301	Principles of Management	BSN 101	5 cr.
MSC 201	Introduction to Statistics	MAT 101	5 cr.

**Required*

Any other Business or Management Elective

Area V: CIM CORE OFFERINGS 20 Credit Hours

Courses	Course Name	Prerequisites	Credits
CIM 201	Computer Programming I VB	CIM 101	5 cr.
CIM 250	Operating Systems	CIM 201	5 cr.
CIM 305	Management Information Systems	CIM 101	5 cr.
CIM 350	Multimedia for Individual & Business Performance	CIM 101	5 cr.

Area VI: CIM ELECTIVES — 15 Credit Hours

Courses	Course Name	Prerequisites	Credits
CIM 204	Programming IV -Adv VB	CIM 201	5 cr.
CIM 310	Data Communication and Network	CIM 101 or MAT 101	5 cr.
CIM 330	Database Design	CIM 101 or MAT 101	5 cr.
CIM 355	Web Programming and Design	CIM 101	5 cr.
CIM 370	Software Project Management	CIM 201 or MAT 101	5 cr.

Area VII: GENERAL ELECTIVES — 0 Credit Hours

Bachelor of Science in Computer Information Management

Degree Requirements

Students receiving a Bachelor of Science in Computer Information Management degree must complete a minimum total of 185 credit hours of instruction.

Core Curriculum Offerings

Area I:	Communications and Humanities	20 Credit Hours
Area II:	Sciences, Mathematics and Computers	25 Credit Hours
Area III:	Social Sciences	20 Credit Hours
	Total	**65 Credit Hours**

Bachelor Degree Offerings

Area IV:	Business Administration Requirements	50 Credit Hours
Area V:	Computer Information Mgt. Requirements	30 Credit Hours
Area VI:	Computer Information Mgt. Electives	30 Credit Hours
Area VII:	Free Electives	10 Credit Hours
	Total	**120 Credit Hours**
Total Bachelor's Degree Requirements		**185 Credit Hours**

Additional Completion Requirements:

1. Completion of at least four years of prescribed study, of which the last year must be in residence at Life University, with at least 47 credit hours of Computer Information Management (CIM) courses being earned in the last year of residency.
2. Satisfactory completion of all in Areas IV – VI courses with a minimum grade of "C" or better.
3. Satisfactory completion of all courses with a minimum overall cumulative GPA of 2.0.
4. A recommendation for graduation based on completion of the Exit Exam by the Dept. of Business faculty. Once declared a degree candidate by the Registrar's Office, students will be invited to sit for the Exit Exam session most proximate to his/her eligible graduation ceremony. Failure to apply for graduation and/or failure to sit for the Exit Exam will preclude the student from graduation until the exam is taken at the next biannual Exit Exam session. Under absolutely no circumstances will the Exit Exam be given on an individual basis, remotely, or outside the normally scheduled biannual Exit Exam sessions in Fall and Spring terms.
5. File a petition to graduate.
6. Administrative and student reviews of records
   a. Registrar Office – Complete a formal academic records review
   b. Financial Aid Office – Exit interviews with a Counselor
   c. Student Accounting – "Perkins" Exit interview and rectify account balance
7. Confirm CLP 090, FYE 101 and FYE 103 completion status requirements.

Area I: COMMUNICATION & HUMANITIES 20 Credit Hours

A. Communications (10 credit hours required) *Grade "C" or better required.*

Courses	Course Name	Prerequisites	Credits
ENG 101	English Composition I	TSE 099, TOEFL, or Placement Test	5 cr.
ENG 102	English Composition II	ENG 101	5 cr.

B. Literature Requirement (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.

C. Communications or Humanities Electives (5 credit hours not used previously)

Courses	Course Name	Prerequisites	Credits
CHN 111	Mandarin Chinese I	TSE 099, TSR 099, or Placement Test	5 cr.
CHN 112	Mandarin Chinese II	CHN 111	5 cr.
ENG 110	Fiction Writing	ENG 101	2 cr.
ENG 111	Poetry Writing	ENG 101	2 cr.
ENG 112	Screenwriting	ENG 101	2 cr.
ENG 121	Public Speaking		2 cr.
ENG 131	Workplace Communication	ENG 101	5 cr.
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.
FLM 101	Introduction to Classical Cinema		5 cr.
FLM 102	World Cinema		3 cr.
FLM 103	Contemporary Cinema		3 cr.
FRN 111	French I	TSE 099, TSR 099, or Placement Test	5 cr.
FRN 112	French II	1 yr. HS French or FRN 111	5 cr.
HUM 101	Music Appreciation		3 cr.
HUM 201	Introduction to Philosophy	ENG101	5 cr.
SPN 111	Spanish I	TSE 099, TSR 099, or Placement Test	5 cr.
SPN 112	Spanish II	1 yr. HS Spanish or SPN 111	5 cr.

Area II: SCIENCE, MATHEMATICS &COMPUTERS 25 Credit Hours

A. Mathematics Required (10 Credits Required)

Courses	Course Name	Prerequisites	Credits
MAT 100	Contemporary Mathematics	TSM 099 or Placement Test	5 cr.
OR			
MAT 101	College Algebra	TSM 099 or Placement Test	5 cr.
MAT 102	Decision Mathematics	MAT 100 or 101	5 cr.
OR			
MAT 103	Survey of Calculus	MAT 100 or 101	5 cr.

B. Sciences (10 Credits Required)

Courses	Course Name	Prerequisites	Credits
BIO 101	Survey of Biology*		5 cr.
BIO 103	Survey of Biodiversity*		5 cr.
SHS 105	Foundation of Exercise Science		5 cr.
BIO 111	General Biology I		5 cr.
BIO 112	General Biology II	BIO 111 or equivalent	5 cr.
BIO 201	Anatomy & Physiology I	BIO 111 & CHM 112	5 cr.
BIO 203	Anatomy & Physiology II	BIO 201	5 cr.
CHM 111	General Chemistry I	MAT 101 or equivalent	5 cr.
CHM 112	General Chemistry II	CHM 111 or equivalent	5 cr.
ENV 101	An Introduction to Meteorology and Weather		5 cr.
PHS 111	General Physics I	MAT 101	5 cr.
PHS 112	General Physics II	PHS 111	5 cr.

Or any 5 credit 100 level or above Basic Science, Natural Science, Nutrition, Mathematics or Exercise Science course

C. Computer Information Management (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
CIM 101	Introduction to Computers		5 cr.

Area III: SOCIAL SCIENCES 20 Credit Hours

A. History or American Government
(5 credit hours required, choose one of the following)

Courses	Course Name	Prerequisites	Credits
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
POL 201	American Government		5 cr.

B. Social Science Required (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
PSY 101	General Psychology		5 cr.

C. Social Science electives (10 credit hours required – not taken above)

Courses	Course Name	Prerequisites	Credits
ECO 201	Principles of Microeconomics	BSN 101, MAT 101	5 cr.
ECO 202	Principles of Macroeconomics	BSN 101, MAT 101	5 cr.

HIS	101	World Civilization to 1500		5 cr.
HIS	102	World Civilization since 1500		5 cr.
HIS	110	World Geography		5 cr.
HIS	201	U.S. History to 1877		5 cr.
HIS	202	U.S. History since 1877		5 cr.
HIS	211	African-American History to 1877		3 cr.
HIS	212	African-American History since 1877		3 cr.
HIS	428	U.S. History since 1945	HIS 201 or 202	5 cr.
POL	110	World Issues		2 cr.
POL	201	American Government		5 cr.
POL	202	Comparative and International Politics		5 cr.
PSY	242	Research Methods in Psychology	MSC 201	5 cr.
PSY	255	Positive Psychology	PSY 101	5 cr.
PSY	256	Psychology of Excellence	PSY 101	5 cr.
PSY	257	Psychology of Adjustment	PSY 101	5 cr.
PSY	290	Life-Span Developmental Psych.	PSY 101	5 cr.
PSY	311	Introduction to Life Coaching	PSY 101	5 cr.
PSY	312	Advanced Life Coaching	PSY 311	5 cr.
PSY	320	Health Psychology	PSY 101	5 cr.
PSY	340	Sport Psychology	PSY 101	5 cr.
PSY	356	Personality Psychology	PSY 101	5 cr.
PSY	357	Social Psychology	PSY 101	5 cr.
PSY	358	Psych. of Religion & Spirituality	PSY 101	5 cr.
PSY	359	Health Practitioner/Pat. Relations.	PSY 101	5 cr.
PSY	366	Behavior Modification	PSY 101	5 cr.
PSY	367	Legal Issues & Ethics in Coaching	PSY 311	2 cr.
PSY	369	Internat. & Cross-Cultural Psych.	PSY 101	5 cr.
PSY	375	Marriage & Family	PSY 101	5 cr.
PSY	376	Human Sexuality	PSY 101	5 cr.
PSY	377	Introduction to Counseling	PSY 101	5 cr.
PSY	455	Abnormal Psychology	PSY 101	5 cr.
PSY	456	Biopsychology	PSY 101	5 cr.
PSY	457	Psych. of Motivation & Emotion	PSY 101	5 cr.
PSY	458	Psychological Tests & Measurement	PSY 101	5 cr.
PSY	459	Leadership and Group Processes	PSY 101	5 cr.
PSY	465	Psychology in the Workplace	PSY 101	5 cr.
PSY	466	Psychology of Mind/Body	PSY 101	5 cr.
PSY	468	Psychosocial Aspects of Pain Mgt.	PSY 101	5 cr.
SOC	101	Introduction to Sociology		5 cr.

Area IV: BUSINESS ADMINISTRATION REQUIREMENTS 50 Credit Hours

Courses	Course Name	Prerequisites	Credits
BSN 101	Introduction to Business		5 cr.
ECO 202	Principles of Macroeconomics	BSN 101/MAT 101	5 cr.
MGT 301	Principles of Management	BSN 101 or NTR 209 for Nutr. majors	5 cr.
MKT 301	Principles of Marketing	BSN 101	5 cr.
MSC 201	Introduction to Statistics	MAT 100 or MAT 101	5 cr.

25 Credit Hours of other Business/Management Listings (See Below)
Any combination of the following not previously used toward degree requirements:

Courses	Course Name	Prerequisites	Credits
ACT 201	Principles of Accounting I	MAT 100/101 or MAT 102/103	5 cr.

ACT 202	Principles of Accounting II	ACT 201	5 cr.
BSN 201	Ethics & Corporate Social Responsibility	BSN 101	5 cr.
BSN 270	Diversity in Organizations		5 cr.
BSN 301	Business Law	BSN 101	5 cr.
ECO 201	Principles of Microeconomics	BSN 101/MAT 101	5 cr.
FIN 303	Principles of Finance	ACT 202	5 cr.
MGT 302	Leadership Development	MGT 301	5 cr.
MGT 401	Organizational Behavior	MGT 301	5 cr.
MGT 402	Human Resource Management	MGT 301	5 cr.
MGT 403	Labor Relations	MGT 402	5 cr.
MGT 404	International Management	MGT 301	5 cr.
MKT 410	Integrated Marketing Communications	MKT 301	5 cr.
MGT 415	Entrepreneurship & Small Business Strategies	ACT 202, CIM 305, and MGT 301	5 cr.
MGT 430	Prin. of Prod. & Operations Mgt.	MGT 301 & MSC 301	5 cr.
MGT 441-445	Internship (15 credits max.)	Instructor's Approval	1-5 cr.
MGT 455	Total Quality Management	MGT 301	5 cr.
MGT 460	Senior Research Project I	Instructor's Approval	3 cr.
MGT 461	Senior Research Project II	Instructor's Approval	3 cr.
MKT 320	Entrepreneurship & Social Media	BSN 101 or PPBM 451	15 cr.

Area V: COMPUTER INFORMATION MANAGEMENT 30 Credit Hours

Courses	Course Name	Prerequisites	Credits
CIM 201	Programming I—Visual Basic	CIM 101	5 cr.
CIM 250	Operating Systems	CIM 201	5 cr.
CIM 305	Management Information Systems	CIM 101	5 cr.
CIM 310	Data Communication and Network	CIM 101 & MAT 101	5 cr.
CIM 330	Database Design	CIM 101 & MAT 101	5 cr.
CIM 410	Systems Analysis and Design	CIM 305	5 cr.

Area VI: COMPUTER INFORMATION MGT. ELECTIVES 30 Credit Hours

Courses	Course Name	Prerequisites	Credits
CIM 204	Programming IV – Adv. VB	CIM 201	5 cr.
CIM 320	Health Information Management	CIM 101	5 cr.
CIM 350	Multimedia for Individual & Business Performance	CIM 101 & MAT 101	5 cr.
CIM 355	Web Design and Programming	CIM 101	5 cr.
CIM 370	Software Project Management	CIM 201, MAT 101	5 cr.
CIM 450	Senior CIM Project I	CIM 305, CIM 330	5 cr.
CIM 451	Senior CIM Project II	Faculty Approval	5 cr.

Area VII: GENERAL ELECTIVES 10 Credit Hours

Any undergraduate course offered not previously taken.

Bachelor of Business Administration

The Bachelor of Business Administration (BBA) program builds on the general curriculum. Students complete a comprehensive business curriculum with the functional emphasis on management.

Degree Requirements

Students receiving a Bachelor of Business Administration degree must complete a minimum total of 185 credit hours of instruction.

Core Curriculum Offerings

Area I:	Humanities	20 Credit Hours
Area II:	Sciences, Mathematics and Computers	25 Credit Hours
Area III:	Social Sciences	20 Credit Hours
	Total	**65 Credit Hours**

Business Administration Degree Offerings

Area IV:	Business Administration Requirements	65 Credit Hours
Area V:	Management Requirements	20 Credit Hours
Area VI:	Management Electives	30 Credit Hours
Area VII:	General Electives	5 Credit Hours
	Total	**120 Credit Hours**
Total Bachelor's Degree Requirements		**185 Credit Hours**

Additional Completion Requirements:

1. Completion of at least four years of prescribed study, of which the last year must be in residence at Life University, with at least 47 credit hours of business courses being earned in the last year of residency.
2. Satisfactory completion of all in Areas IV – VI courses with a minimum grade of "C" or better.
3. Satisfactory completion of all courses with a minimum overall cumulative GPA of 2.0.
4. A recommendation for graduation based on completion of the Exit Exam by the Dept. of Business faculty. Once declared a degree candidate by the Registrar's Office, students will be invited to sit for the Exit Exam session most proximate to his/her eligible graduation ceremony. Failure to apply for graduation and/or failure to sit for the Exit Exam will preclude the student from graduation until the exam is taken at the next biannual Exit Exam session. Under absolutely no circumstances will the Exit Exam be given on an individual basis, remotely, or outside the normally scheduled biannual Exit Exam sessions in Fall and Spring terms.
5. File a petition to graduate.
6. Administrative and student reviews of records
   a. Registrar Office – Complete a formal academic records review
   b. Financial Aid Office – Exit interviews with a Counselor
   c. Student Accounting – "Perkins" Exit interview and rectify account balance
7. Confirm CLP 090, FYE 101 and FYE 103 completion status requirements.

Area I: COMMUNICATION & HUMANITIES 20 Credit Hours

A. Communications (10 credit hours required) *Grade "C" or better required.*

Courses	Course Name	Prerequisites	Credits
ENG 101	English Composition I	TSE 099, TOEFL, or Placement Test	5 cr.
ENG 102	English Composition II	ENG 101	5 cr.

B. Literature Requirement (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.

C. Communications or Humanities Electives (5 credit hours not used previously)

Courses	Course Name	Prerequisites	Credits
CHN 111	Mandarin Chinese I	TSE 099, TSR 099, or Placement Test	5 cr.
CHN 112	Mandarin Chinese II	CHN 111	5 cr.
ENG 110	Fiction Writing	ENG 101	2 cr.
ENG 111	Poetry Writing	ENG 101	2 cr.
ENG 112	Screenwriting	ENG 101	2 cr.
ENG 121	Public Speaking		2 cr.
ENG 131	Workplace Communication	ENG 101	5 cr.
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.
FLM 101	Introduction to Classical Cinema		5 cr.
FLM 102	World Cinema		3 cr.
FLM 103	Contemporary Cinema		3 cr.
FRN 111	French I	TSE 099, TSR 099, or Placement Test	5 cr.
FRN 112	French II	1 yr. HS French or FRN 111	5 cr.
HUM 101	Music Appreciation		3 cr.
HUM 201	Introduction to Philosophy	ENG 101	5 cr.
SPN 111	Spanish I	TSE 099, TSR 099, or Placement Test	5 cr.
SPN 112	Spanish II	1 yr. HS Spanish or SPN 111	5 cr.

Area II: SCIENCE, MATHEMATICS &COMPUTERS 25 Credit Hours

A. Mathematics Required (10 Credits Required)

Courses	Course Name	Prerequisites	Credits
MAT 100	Contemporary Mathematics	TSM 099 or Placement Test	5 cr.
OR			
MAT 101	College Algebra	TSM 099 or Placement Test	5 cr.
MAT 102	Decision Mathematics	MAT 100 or 101	5 cr.
OR			

MAT 103	Survey of Calculus	MAT 100 or 101	5 cr.

B. Sciences (10 Credits Required)

Courses	Course Name	Prerequisites	Credits
BIO 101	Survey of Biology*		5 cr.
BIO 103	Survey of Biodiversity*		5 cr.
SHS 105	Foundation of Exercise Science		5 cr.
BIO 111	General Biology I		5 cr.
BIO 112	General Biology II	BIO 111 or equivalent	5 cr.
BIO 201	Anatomy & Physiology I	BIO 111 & CHM 112	5 cr.
BIO 203	Anatomy & Physiology II	BIO 201	5 cr.
CHM 111	General Chemistry I	MAT 101 or equivalent	5 cr.
CHM 112	General Chemistry II	CHM 111 or equivalent	5 cr.
ENV 101	An Introduction to Meteorology and Weather	5 cr.	
PHS 111	General Physics I	MAT 101	5 cr.
PHS 112	General Physics II	PHS 111	5 cr.

Or any 5 credit 100 level or above Basic Science, Natural Science, Nutrition, Mathematics or Exercise Science course

C. Computer Information Management (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
CIM 101	Introduction to Computers		5 cr.

Area III: SOCIAL SCIENCES — 20 Credit Hours

A. History or American Government
(5 credit hours required, choose one of the following)

Courses	Course Name	Prerequisites	Credits
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
POL 201	American Government		5 cr.

B. Social Science Required (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
PSY 101	General Psychology		5 cr.

C. Social Science electives (10 credit hours required – not taken above)

Courses	Course Name	Prerequisites	Credits
ECO 201	Principles of Microeconomics	BSN 101, MAT 101	5 cr.
ECO 202	Principles of Macroeconomics	BSN 101, MAT 101	5 cr.
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
HIS 428	U.S. History since 1945	HIS 201 or 202	5 cr.
POL 110	World Issues		2 cr.

POL	201	American Government		5 cr.
POL	202	Comparative and International Politics		5 cr.
PSY	242	Research Methods in Psychology	MSC 201	5 cr.
PSY	255	Positive Psychology	PSY 101	5 cr.
PSY	256	Psychology of Excellence	PSY 101	5 cr.
PSY	257	Psychology of Adjustment	PSY 101	5 cr.
PSY	290	Life-Span Developmental Psych.	PSY 101	5 cr.
PSY	311	Introduction to Life Coaching	PSY 101	5 cr.
PSY	312	Advanced Life Coaching	PSY 311	5 cr.
PSY	320	Health Psychology	PSY 101	5 cr.
PSY	340	Sport Psychology	PSY 101	5 cr.
PSY	356	Personality Psychology	PSY 101	5 cr.
PSY	357	Social Psychology	PSY 101	5 cr.
PSY	358	Psych. of Religion & Spirituality	PSY 101	5 cr.
PSY	359	Health Practitioner/Pat. Relations.	PSY 101	5 cr.
PSY	366	Behavior Modification	PSY 101	5 cr.
PSY	367	Legal Issues & Ethics in Coaching	PSY 311	2 cr.
PSY	369	Internat. & Cross-Cultural Psych.	PSY 101	5 cr.
PSY	375	Marriage & Family	PSY 101	5 cr.
PSY	376	Human Sexuality	PSY 101	5 cr.
PSY	377	Introduction to Counseling	PSY 101	5 cr.
PSY	455	Abnormal Psychology	PSY 101	5 cr.
PSY	456	Biopsychology	PSY 101	5 cr.
PSY	457	Psych. of Motivation & Emotion	PSY 101	5 cr.
PSY	458	Psychological Tests & Measurement	PSY 101	5 cr.
PSY	459	Leadership and Group Processes	PSY 101	5 cr.
PSY	465	Psychology in the Workplace	PSY 101	5 cr.
PSY	466	Psychology of Mind/Body	PSY 101	5 cr.
PSY	468	Psychosocial Aspects of Pain Mgt.	PSY 101	5 cr.
SOC	101	Introduction to Sociology		5 cr.

Area IV: BUSINESS ADMINISTRATION REQUIREMENTS 65 Credit Hours

Courses		Course Name	Prerequisites	Credits
ACT	201	Principles of Accounting I	BSN 101 MAT 100/101 or MAT 102/103	5 cr.
ACT	202	Principles of Accounting II	ACT 201	5 cr.
BSN	101	Introduction to Business		5 cr.
BSN	201	Ethics & Corporate Social Responsibility	BSN 101	5 cr.
BSN	301	Business Law	BSN 101	5 cr.
CIM	305	Management Information Systems	CIM 101	5 cr.
ECO	201	Principles of Microeconomics	BSN 101, MAT 101	5 cr.
ECO	202	Principles of Macroeconomics	BSN 101, MAT 101	5 cr.
FIN	303	Principles of Finance	ACT 202	5 cr.
MGT	301	Principles of Management	BSN 101 or NTR 209	5 cr.
MGT	302	Leadership Development	MGT 301	5 cr.
MKT	301	Principles of Marketing	BSN 101	5 cr.
MSC	201	Introduction to Statistics	MAT 100 or 101	5 cr.

Area V: MANAGEMENT REQUIREMENTS 20 Credit Hours

Course	Course Name	Prerequisites	Credits
MGT 401	Critical Thinking for Organizational Behavior	MGT 301	5 cr.
MGT 402	Human Resource Management	MGT 301	5 cr.
MGT 415	Entrepreneurship & Small Business Strategies	ACT 202, CIM 305, & MGT 302	5 cr.
MGT 450	Systems Theory Applied to Business Policy	MKT 301, FIN 303, 145 hours min	5 cr.

Area VI: MANAGEMENT ELECTIVES (CONCENTRATIONS*) 30 Credit Hours

Any combination of the following not previously used toward degree requirements. ***It is recommended that students choose multiple courses in the same content area to broaden experiences in their Business program:***

Course	Course Name	Prerequisites	Credits
BSN 270	Diversity in Organizations	BSN 101	5 cr.
CIM 201	Programming I—Visual Basic	CIM 101	5 cr.
CIM 204	Programming IV – Adv. VB	CIM 101	5 cr.
CIM 230	CIM Seminars	CIM 101	5 cr.
CIM 250	Operating Systems	CIM 201	5 cr.
CIM 302	C# Programming	CIM 201 or CIM 301	5 cr.
CIM 310	Data Comm. & Networking	CIM 305	5 cr.
CIM 330	Database Design	CIM 305	5 cr.
CIM 355	Web Design and Programming	CIM 101	5 cr.
CIM 350	Multimedia for Individual & Business Performance	CIM 101	5 cr.
CIM 370	Software Project Management	CIM 201	5 cr.
CIM 405	Decision Support and Expert Sys.	CIM 205 or CIM 305	5 cr.
CIM 410	Business Systems Analysis & Design	CIM 310 and CIM 330	5 cr.
CIM 441-445	CIM Internship	CIM 201, 305, Fac. App.	1 cr.
CIM 450	Senior CIM Project I	CIM 410 or Dept. approval	5 cr.
HCM 301	Intro. to Health Care Management	MGT 301	5 cr.
HCM 350	Health Care Ethics and Policy	HCM 301 or NTR 300	5 cr.
HCM 401	Health Care Financing	HCM 301	5 cr.
MGT 404	International Management	MGT 401	5 cr.
MGT 403	Labor Relations	MGT 402	5 cr.
MGT 404	International Management	MGT 401	5 cr.
MGT 407	Public Relations	MKT 301	5 cr.
MGT 415	Entrepreneurship & Small Business Strategies	ACT 202, CIM 305, & MGT 302	5 cr.
MGT 325	Entrepreneurship & Social Change	BSN 101 or PPBM 4511	5 cr.
MGT 430	Princ. of Prod. & Operations Mgt.	MGT 301 and MSC 3201	5 cr.
MGT 441-445	Internship	Instructor's Approval	1 cr.
MGT 455	Total Quality Management	MGT 301	5 cr.
MGT 460	Senior Research Project I	Instructor's Approval	3 cr.
MGT 461	Senior Research Project II	Instructor's Approval	3 cr.
MKT 320	Entrepreneurship & Social Media	BSN 101 or PPBM 4511	5 cr.
MKT 340	Marketing Research	MKT 301 & MSC 201	5 cr.
MKT 360	Creative Marketing, Branding & Advertising	MKT 301	5 cr.
MKT 450	International Marketing	MKT 301	5 cr.
PMT 301	Principles of Project Management	MGT 402	5 cr.
PMT 350	Practices of Project Management	PMT 301	5 cr.

PMT 450	Project Mgt. Case Study Capstone	PMT 350	5 cr.

Area VII: General Electives 5 Credit Hours

Choose any undergraduate course not chosen to this point. May use MGT 441-445 *(with department* permission)

Minor in Sports Business

The minor in Sports Business is available for students in the Bachelor of Business Administration program, as well as for students majoring in other programs who have an interest in the business of sports. The minor consists of 20 credit hours to include the following courses:

Course	Course Name	Prerequisites	Credits
MGT 330	Principles of Sports Management *	BSN 101	5 cr.
MGT 470	Event Planning	BSN 101 & MAT 100/101 Or MAT 102/103	5 cr.
MKT 370	Principles of Sports Marketing **	BSN 101	5 cr.
SHS 488	Current Topics	Senior Lvl/Fac Appr	1-5 cr.

* Principles of Sports Management cannot substitute for MGT 301 (Principles of Management for BBA majors).

** Principles of Sports Marketing cannot substitute for MKT 301 (Principles of Marketing for BBA majors).

Department of Sport Health Science

The mission of the Sport Health Science Department at Life University is to educate and prepare students for careers in fields related to fitness, health and sport, and to enable these students to be successful in a variety of fields. The department offers Bachelor's degrees in Exercise Science and Health Coaching.

Bachelor of Science in Exercise Science

The Department of Sport Health Science offers a Bachelor's Degree in Exercise Science at Life University that prepares students for a broad range of health and fitness related professions through a curriculum that focuses on the applied sciences of exercise physiology, biomechanics, kinesiology and cardiopulmonary physiology. Furthermore, the curriculum ensures that students are presented with the most contemporary issues and trends in the application of exercise for weight management, cardiopulmonary health, maintenance of functional movement throughout the lifespan, and the application of exercise science to athletic performance. Students who graduate with a degree in Exercise Science continue to study in areas such as medicine, exercise science, kinesiology, biomechanics, Chiropractic, nutrition, psychology, physical therapy, occupational therapy, athletic training and education. In addition, students can find employment as a healthcare professional, whether in a cardiovascular/pulmonary rehabilitation setting or a medically supervised fitness program that focuses on exercise assessment, training, rehabilitation and risk factor modification for individuals.

It is the goal of the Sport Health Science Department to provide the education to ensure the Exercise Science student will:

- Be able to demonstrate knowledge and skills needed to pursue endeavors within their selected field of study;
- Have the requisite knowledge, skills and abilities, necessary to complete the certification process established by the American College of Sports Medicine and the National Strength and Conditioning Organization;
- Have the ability to interpret, analyze, and apply information;
- Understand the role of wellness in enhancing the quality of life;
- Be able to generalize Exercise Science concepts of the responses to physical activity, sport performance and detraining;
- Have an understanding of the major risk factors for hypokinetic/chronic diseases and the role that exercise plays in reducing these risks;
- Be able to design exercise and performance enhancement programs for individuals ranging from healthy to at-risk populations;

- Have an understanding of nutrition and biochemistry as it relates to health and performance; and
- Have an understanding of the mechanical principles related to human movement.

Technical Standards for Exercise Science Students

Life University complies with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, as amended and the ADAA 2008. These laws provide a framework for qualified individuals with documented disabilities to request reasonable accommodations needed to participate in a program. Reasonable accommodations are defined as adjustments or modifications that enable a qualified individual with a documented disability to participate as fully as possible in an educational program. An adjustment or modification must be reasonable and may not be provided if it would alter essential academic or technical requirements or result in undue financial or administrative burdens.

Qualified candidates with documented disabilities who wish to request accommodations under the American with Disabilities Act or the Rehabilitation Act must follow the University's procedure for requesting an accommodation. This procedure requires the submission to the Student Success Center of a written request for accommodations, along with supporting documentation from a licensed professional demonstrating the existing of a disability, the functional limitations resulting from the disability, and the need for specific accommodations. Documentation must meet specific guidelines, which are set forth in the Student Handbook.

Technical Standards Procedures

While inviting and encouraging voluntary self-identification by students with disabilities, Life University has always related to its students as responsible adults with the independent right to make such life decisions. One of those responsibilities is to work with the Student Success Center in requesting reasonable accommodations, academic adjustments and/or auxiliary aids and services pursuant to the procedures set forth in this catalog.

Any Undergraduate candidates who self-identify their disability during any of the four stages:

- Prior to applying for admission,
- During the application process,
- After acceptance but before attending classes,
- While currently attending classes,

Will be referred to the Director of the Student Success Center (SSC).

The Director of the SSC will work in concert with the Disability Advisory Committee (DAC) whenever a question arises as to an individual's ability to meet the requirements and technical standards of the specific program to which the student is applying, or in which the student is enrolled. The DAC has been established to adjudicate this process in a timely manner. The Director of the SSC ensures compliance with policy.

Exercise Science Students

Individuals who seek to earn a Bachelor of Science degree in Exercise Science must be able to assume responsibility for providing services to patients and/or clients safely and ethically in the fitness, health and athletic (sport) fields. All students must complete the curriculum in order to graduate with the respective degree. Students in Exercise Science must demonstrate certain minimum essential skills, including, but not limited to the following in order to be admitted to and successfully complete these programs:

Sensory/Observation:

1. Obtain an appropriate health/fitness/medical history from the patient/client.
2. Accurately examine body systems and determine visual, hearing, speech and non-verbal communication, cognition, strength, flexibility, body composition and functional capacities of patients/clients.
3. Accurately examine cardiovascular fitness, including but not limited to, vital signs, blood pressure, heart sounds, respiration rate/breathing patterns and exercise endurance.
4. Observe demonstrations and participate in classroom and laboratory experiences.
5. Reliably read all equipment monitors and dials.

Communication:

1. Communicate effectively with patient/clients and others in a respectful, professional, polite and confident manner in order to elicit information.
2. Communicate effectively with patients/clients in order to elicit information.
3. Maintain accurate documentation in patient/client records.
4. Demonstrate effective use of therapeutic communication including, but not limited to maintaining eye contact, attending, clarifying, coaching, facilitating and palpation.
5. Demonstrate respect of personal space of patients/clients and others.
6. Demonstrate appropriate non-verbal communication.
7. Translate and communicate complex information simply and clearly.
8. Maintain confidentiality of patient/client information/records according to all federal and state standards.
9. Demonstrate understanding of English including speaking, reading, and writing.
10. Use communication technology effectively (i.e. telephone, computer, e-mail).

Motor/Strength/Coordination:

1. Accurately and effectively use manual techniques to assess pulses, skin condition, musculoskeletal, joint and limb movement.
2. Manipulate with precision dials, knobs and other parts of equipment used in the clinical setting.
3. Negotiate level surfaces, stairs, ramps and equipment that move as necessary to assist patients/clients appropriately; perform a variety of examinations and procedures effectively which require changing position, sitting, standing, squatting, kneeling and maintaining balance.
4. Respond quickly and effectively to sudden or unexpected movements of patients/clients.
5. Perform basic Cardiopulmonary Resuscitation (C.P.R.), infant through adult, including the proper use of an AED.
6. Demonstrate the ability to sustain adequate performance in the clinical setting.

Intellectual-Conceptual, Integrative and Quantitative Abilities:

1. Demonstrate the ability to recall knowledge, comprehend and interpret, apply, analyze and evaluate information obtained during didactic, laboratory and/or practice setting experiences.
2. Demonstrate problem-solving skills necessary for identifying/prioritizing problems, and developing appropriate solutions and treatment plans for patient/client problems as well as evaluating those solutions for efficacy.
3. Demonstrate the ability to evaluate and apply scientific research as well as the ability to effectively identify relevant research literature in the field using electronic databases.
4. Demonstrate the ability to identify complex relationships and to problem solve in group, individual and collaborative settings.
5. Demonstrate the ability to successfully pass various skill assessments composed of, but not limited to essay, oral and/or extended multiple choice tests, compositions, oral presentations and lab practicals designed to assess cognitive and non-cognitive skills.

Behavioral and Social Attributes:

1. Demonstrate attributes of honesty, integrity, enthusiasm, compassion and empathy for others.
2. Demonstrate ability to critique own performance, accept responsibility for one's own actions and follow through on commitments and assignments.
3. Actively seek help when necessary and appropriately utilize constructive feedback.
4. Demonstrate organizational skills, completing all professional responsibilities and assignments in a timely manner.
5. Adapt to ever-changing environments, demonstrating flexibility and learning in the face of the uncertainties and stresses inherent in the educational and practice settings.
6. Respect cultural and personal differences of others, including being non-judgmental.
7. Delegate responsibility appropriately, and function as a member of a team.

8. Maintain appropriate personal hygiene and adhere to dress codes mandated by the University and clinical setting(s).
9. Demonstrate appropriate judgment in the prompt completion of all academic and clinical responsibilities.
10. Demonstrate mature, sensitive, ethical and effective relationships with patients/clients and other professionals.
11. Demonstrate the ability to function effectively under stress and/or potentially life threating emergency.
12. Demonstrate the ability to adapt to change to exhibit flexibility in the face of stressful situations.
13. Demonstrate empathy, integrity, compassion, motivation and commitment commensurate with professional standards in the field.
14. Demonstrate the professional attributes of honesty, caring, respect, trustworthiness, competence and responsibility to and for their colleagues and patients/clients.
15. Maintain appropriate professional boundaries with patients/clients.

Admitted Students

Upon application to the College of Undergraduate Studies, all candidates are subject to the Technical Standards Policy as presented in this Catalog. During application, all candidates mist sign a certifying statement as represented below for placement in their permanent record.

"I hereby certify that I have read, and understand the Technical Standards Policy as listed in the Life University Catalog and am able to perform the essential and fundamental functions and tasks of the Exercise Science Bachelor's degree program with or without a reasonable accommodation."

Bachelor of Science In Exercise Science Curriculum

Degree Requirements

Students receiving a Bachelor of Science in Exercise Science degree must complete a minimum total of 188 cr. hr. of instruction.

Core Curriculum Offerings

Area I:	Communications & Humanities	20 Credit Hours
Area II:	Science, Mathematics and Computers	25 Credit Hours
Area III:	Social Sciences	20 Credit Hours
	Total	**65 Credit Hours**

Bachelor of Science Offerings

Area IV:	Natural Science Core	29-30 Credit Hours
Area V:	Exercise Science Requirements	57 Credit Hours
Area VI:	Exercise Science Electives	29 Credit Hours
Area VII:	General Electives	7-8 Credit Hours
	Total	**123 Credit Hours**
Total Bachelor of Science Requirements		**188 Credit Hours**

Area I: COMMUNICATION & HUMANITIES 20 Credit Hours

A. Communications (10 credit hours required) *Grade "C" or better required.*

Courses	Course Name	Prerequisites	Credits
ENG 101	English Composition I	TSE 099, TOEFL, or Placement Test	5 cr.
ENG 102	English Composition II	ENG 101	5 cr.

B. Literature Requirement (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.

ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.

C. Communications or Humanities Electives (5 credit hours not used previously)

Courses	Course Name	Prerequisites	Credits
CHN 111	Mandarin Chinese I	TSE 099, TSR 099, or Placement Test	5 cr.
CHN 112	Mandarin Chinese II	CHN 111	5 cr.
ENG 110	Fiction Writing	ENG 101	2 cr.
ENG 111	Poetry Writing	ENG 101	2 cr.
ENG 112	Screenwriting	ENG 101	2 cr.
ENG 121	Public Speaking		3 cr.
ENG 131	Workplace Communication	ENG 101	5 cr.
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.
ENG 240	Critical Thinking and Literature	ENG 101	5 cr.
FLM 101	Introduction to Classical Cinema		5 cr.
FLM 102	World Cinema		3 cr.
FLM 103	Contemporary Cinema		3 cr.
FRN 111	French I	TSE 099, TSR 099, or Placement Test	5 cr.
FRN 112	French II	1 yr. HS French or FRN 111	5 cr.
HUM 101	Music Appreciation		3 cr.
HUM 201	Introduction to Philosophy	ENG101	5 cr.
SPN 111	Spanish I	TSE 099, TSR 099, or Placement Test	5 cr.
SPN 112	Spanish II	1 yr. HS Spanish or SPN 111	5 cr.

Area II: SCIENCE, MATHEMATICS & COMPUTERS 25 Credit Hours

See program details for specific requirements

A. Mathematics (5 credit hours required) ***Grade "C" or better required.***

Courses	Course Name	Prerequisites	Credits
MAT 101	College Algebra	TSM 099 or Placement Test	5 cr.

B. Science or Math (15 credit hours required)

Courses	Course Name	Prerequisites	Credits
BIO 111	General Biology I		5 cr.
BIO 112	General Biology II	BIO 111 or equivalent	5 cr.
CHM 111	General Chemistry I	MAT 101 or equivalent	5 cr.

C. Computer Information Management (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
CIM 101	Introduction to Computers		5 cr.

Area III: SOCIAL SCIENCES — 20 Credit Hours

A. History or American Government
(5 credit hours required, choose one of the following)

Courses	Course Name	Prerequisites	Credits
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
POL 201	American Government		5 cr.

B. Social Science Required (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
PSY 101	General Psychology		5 cr.

Grade "C" or better also required.

C. Social Science electives (10 credit hours required – not taken above)

Courses	Course Name	Prerequisites	Credits
ECO 201	Principles of Microeconomics	ENG 101	5 cr.
ECO 202	Principles of Macroeconomics	ENG 101	5 cr.
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
HIS 428	U.S. History since 1945	HIS 201 or 202	5 cr.
POL 110	World Issues		2 cr.
POL 201	American Government		5 cr.
POL 202	Comparative and International Politics		5 cr.
PSY 242	Research Methods in Psychology	MSC 201	5 cr.
PSY 255	Positive Psychology	PSY 101	5 cr.
PSY 256	Psychology of Excellence	PSY 101	5 cr.
PSY 257	Psychology of Adjustment	PSY 101	5 cr.
PSY 290	Life-Span Developmental Psych.	PSY 101	5 cr.
PSY 311	Introduction to Life Coaching	PSY 101	5 cr.
PSY 312	Advanced Life Coaching	PSY 311	5 cr.
PSY 320	Health Psychology	PSY 101	5 cr.
PSY 340	Sport Psychology	PSY 101	5 cr.
PSY 356	Personality Psychology	PSY 101	5 cr.
PSY 357	Social Psychology	PSY 101	5 cr.
PSY 358	Psych. of Religion & Spirituality	PSY 101	5 cr.
PSY 359	Health Practitioner/Pat. Relations.	PSY 101	5 cr.
PSY 366	Behavior Modification	PSY 101	5 cr.
PSY 367	Legal Issues & Ethics in Coaching	PSY 311	2 cr.
PSY 369	Internat. & Cross-Cultural Psych.	PSY 101	5 cr.
PSY 375	Marriage & Family	PSY 101	5 cr.
PSY 376	Human Sexuality	PSY 101	5 cr.
PSY 377	Introduction to Counseling	PSY 101	5 cr.
PSY 455	Abnormal Psychology	PSY 101	5 cr.
PSY 456	Biopsychology	PSY 101	5 cr.

PSY	457	Psych. of Motivation & Emotion	PSY 101	5 cr.
PSY	458	Psychological Tests & Measurement	PSY 101	5 cr.
PSY	459	Leadership and Group Processes	PSY 101	5 cr.
PSY	465	Psychology in the Workplace	PSY 101	5 cr.
PSY	466	Psychology of Mind/Body	PSY 101	5 cr.
PSY	468	Psychosocial Aspects of Pain Mgt.	PSY 101	5 cr.
SOC	101	Introduction to Sociology		5 cr.

Area IV: NATURAL SCIENCE CORE 29-30 Credit Hours

Grade "C" or better required for Graduation Credit.

A. Required Sciences – 19 – 20 credits

Courses		Course Name	Prerequisites	Credits
BIO	201	Anatomy and Physiology I	BIO 111 & CHM 112	5 cr.
BIO	203	Anatomy and Physiology II	BIO 201	5 cr.

Or any 9-10 credit hours in anatomy and physiology courses

B. Choice of Sciences – 10 credits

CHM212	Organic Chemistry 2	CHM 212	5 cr
CHM 315	Biochemistry 1	BIO 112 & CHM 212	5 cr
CHM 316	Biochemistry 2	CHM 315	5 cr
MSC 201	Introduction to Statistics	MAT 101	5 cr
PHS 112	Physics II	PHS 111	5 cr.

Any area IV class taken in excess of 30 credits can be applied to Area VI electives.

Area V: EXERCISE SCIENCE REQUIREMENTS 57 Credit Hours

Grade "C" or better required for Graduation Credit.

Courses		Course Name	Prerequisites	Credits
SHS	142	First Aid and CPR		2 cr.
SHS	300	Exercise Physiology I	BIO 112, CHM 112	5 cr.
SHS	312	Exercise Testing & Prescription	SHS 300	5 cr.
SHS	370	Kinesiology	BIO 112	5 cr.
SHS	400	Exercise Physiology II	SHS 300	5 cr.
SHS	406	Sport and Exercise Nutrition	SHS 300	5 cr.
SHS	410	ECG & Exercise Stress Testing	SHS 300	5 cr.
SHS	412	Exercise Biochemistry	SHS 406	5 cr.
SHS	420	Sci. Prin. Strength Train. & Cond.	SHS 300, SHS 370	5 cr.
SHS	428	Clinical Exercise Physiology	SHS 420, SHS 312	5 cr.
SHS	472	Biomechanics	SHS 370, PHS 111	5 cr.
SHS	480	Intro. to Research Methods	SHS 400	5 cr.

Area VI: EXERCISE SCIENCE ELECTIVES 29 Credit Hours

Courses		Course Name	Prerequisites	Credit Hours
PSY	340	Sport Psychology	PSY 101	5 cr.
SHS	320	Health Coaching	PSY 101	5 cr.
SHS	321	Integrative Medicine	PSY 101	5 cr.
SHS	322	Introduction to Public Health	PSY 101	5 cr.
SHS	323	Fundamentals & Concepts of Homeopathy	PSY 101	2 cr.
SHS	324	Fundamentals & Concepts of Chiropractic	PSY 101	2 cr.
SHS	330	Trends in Physical Fitness	SHS 102 or 105 or 300	2 cr.
SHS	340	Intro. to Sport Injury Mgt.	SHS 105, or 300, or any A&P	5 cr.

SHS	401	Current Trends Weight Management	SHS 320, 400	2 cr.
SHS	402	Motor Learning and Devel.	SHS 300	5 cr.
SHS	426	Cardiopulmonary Rehab.	SHS 410	4 cr.
SHS	431	Practicum Health Coaching	Instructor Approval	2 cr.
SHS	486	Individual Study	Sr. Standing & Fac. Approval	1-8 cr.
SHS	488	Cur. Topics & Prob. in Exe. Sci.	Sr. Standing & Fac. Approval	1-5 cr.
SHS	490	Field Clinical Experience I	SHS 312 & 142	1 cr.
SHS	491	Field Clinical Experience II	SHS 410, 412, & 490	1 cr.
SHS	492	Practicum	Sr. Standing & Fac. Approval	1-12 cr.
SHS	493	Internship	Sr. Standing & Fac. Approval	12 cr.

Grade "C" or better required for Graduation Credit.

Seventeen (17) of these credits may be interdepartmental and include the following:

PHS 112	Physics II
MSC 201	Intro to Statistics
NTR 209	Principles of Food Preparation
NTR 240	Medical Terminology
PSY 340	Sport Psychology

Any 300 level class of Exercise Science, Nutrition, Psychology, Biology, Business or Computer Science

Area VII: GENERAL ELECTIVES 7-8 Credit Hours

Courses	Course Name	Prerequisites	Credit Hours
SHS 102	Personal Health and Fitness		2 cr.

Or any undergraduate course not previously taken.

Bachelor of Science in Health Coaching and Life Sciences Degree Curriculum

Degree Requirements

Students receiving the Bachelor of Science in Health Coaching degree must complete a minimum of 188 credit hours of instruction and complete CLP 090 (Eight Core LIFE Proficiencies seminars) and FYE 101/FYE (LIFE Year Experience). The degree is as follows:

Core Curriculum Offerings

Area I	Communication and Humanities	20 Quarter Hours
Area II	Science, Mathematics and Computers	25 Quarter Hours
Area III	Social Sciences	20 Quarter Hours
	Total	**65 Quarter Hours**

Bachelor of Science in Health Coaching Offerings

Area IV	Natural Science Core	15 Quarter Hours
Area V:	Health Coaching Requirements	59 Quarter Hours
Area VI:	Health Coaching Electives and Minors	37 – 39 Quarter Hours
Area VII:	General Electives	10 – 12 Quarter Hours
	TOTAL	**123 Quarter Hours**

Total for Bachelor of Science in Health Coaching 188 Quarter Hours

Health Coaching Outcomes

1. Be able to demonstrate knowledge and skills needed to pursue endeavors within their selected field of study.
2. Have the requisite knowledge, skills and abilities, necessary to complete the certification process as determined by the professional agencies.
3. Have the ability to interpret, analyze and apply information.
4. Demonstrate knowledge about health and chronic diseases.
5. Understand the role of wellness in enhancing the quality of life.
6. Have an understanding of the major risk factors for hypokinetic/chronic diseases and the role that exercise plays in reducing these risks.
7. Have interpersonal and communication skills that result in effective delivery of information to clients, greater community and other healthcare professionals.
8. Demonstration professionalism and contribute of the healthcare community.
9. Be able to design exercise and performance enhancement programs for individuals ranging from healthy to at-risk populations.
10. Have an understanding of nutrition as it relates to health and performance.
11. Have an understanding of the psychology and coaching principles related to human behavior.

Additional Completion Requirements

1. Completion of at least four years of prescribed study, of which the last year must be in residence at Life University, with at least 45 credit hours of Health Coaching courses being earned in the last year of residency.
2. Satisfactory completion of all Health Coaching and Natural Science core courses (Areas IV – VI) courses with a minimum grade of "C."
3. Satisfactory completion of all courses with a minimum overall cumulative GPA of 2.0.
4. A recommendation for graduation and completion of an exit interview with the Sport Health Science faculty.
5. Exit interviews with Financial Aid, Career Placement and Accounting Counselors.
6. Official Graduation Records Review with the Registrar or designate.

To complete the Bachelor of Science with 188 credit hours and a major in Health Coaching, students are required to take the following core curriculum listed below for Area I-VII.

AREA I: Communication & Humanities (20 credit hours required)

A. Communications (13 credit hours required)
Grade "C" or better required.

Courses	Course Name	Prerequisites	Credits
ENG 101	English Composition I	TSE 099 or Placement Test	5 cr.
ENG 102	English Composition II	ENG 101	5 cr.
ENG 121	Public Speaking		3 cr.

B. Communications or Humanities Electives
(7 credit hours required – 5 cr. must be a literature class)

Courses	Course Name	Prerequisites	Credits
ENG 110	Fiction Writing	ENG 101	2 cr.
ENG 111	Poetry Writing	ENG 101	2 cr.
ENG 112	Screenwriting	ENG 101	2 cr.
ENG 131	Workplace Communication (recommended)	ENG 101	5 cr.
ENG 201	Survey of American Literature	ENG 101	5 cr.

ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.
FLM 101	Introduction to Classical Cinema		5 cr.
FLM 102	World Cinema		3 cr.
FLM 103	Contemporary Cinema		3 cr.
FRN 101	Conversational French I		5 cr.
FRN 102	Conversational French II	FRN 101	5 cr.
HUM 101	Introduction to Classical Music		3 cr.
HUM 201	Introduction to Western Philosophy	ENG101	5 cr.
SPN 101	Conversational Spanish I		5 cr.
SPN 102	Conversational Spanish II	SPN 101	5 cr.

Area II: Natural Sciences, Mathematics, & Computers 25 cr.

A. Mathematics (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
MAT 101	College Algebra **(5 credit hours required)**	TSM 099 or advisor's approval	5 cr.

B. Science (15 credit hours required)

Courses	Course Name	Prerequisites	Credits
BIO 111	General Biology I		5 cr.
BIO 112	General Biology II	BIO 111 or equivalent	5 cr.
CHM 111	General Chemistry I	MAT 101 or equivalent	5 cr.

C. Computers (5 credit hours required)

CIM 101	Intro to Computers	5 cr.

AREA III: SOCIAL SCIENCES (20 credit hours required)

A. History/American Government
(5 credit hours required, choose one of the following)

Courses	Course Name	Prerequisites	Credits
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
POL 201	American Government		5 cr.

B. Social Science Required (5 credit hours required)

PSY 101	General Psychology	5 cr.

C. Social Science electives
(10 credit hours required – not taken above – Sociology recommended)

Courses	Course Name	Prerequisites	Credits
ECO 201	Principles of Microeconomics	ENG 101	5 cr.
ECO 202	Principles of Macroeconomics	ENG 101	5 cr.
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.

HIS 428	U.S. History since 1945	HIS 201 or 202	5 cr.
POL 201	American Government		5 cr.
POL 202	Comparative and International Politics		5 cr.
POL 205	World Issues		2 cr.
PSY 241	Quantitative Methods in Psychology	MAT 101 & PSY 101	5 cr.
PSY 242	Research Methods in Psychology	PSY 241	5 cr.
PSY 255	Positive Psychology	PSY 101	5 cr.
PSY 256	Psychology of Excellence	PSY 101	5 cr.
PSY 257	Psychology of Adjustment	PSY 101	5 cr.
PSY 290	Life-Span Developmental Psychology	PSY 101	5 cr.
PSY 311	Introduction to Coaching	PSY 101	5 cr.
PSY 312	Advanced Coaching	PSY 311	5 cr.
PSY 320	Health Psychology	PSY 101	5 cr.
PSY 340	Sport Psychology	PSY 101	5 cr.
PSY 356	Personality Psychology	PSY 101	5 cr.
PSY 357	Social Psychology	PSY 101	5 cr.
PSY 358	Psychology of Religion & Spirituality	PSY 101	5 cr.
PSY 359	Health Practitioner/Patient Relationship	PSY 101	5 cr
PSY 366	Behavior Modification	PSY 101	5 cr.
PSY 367	Legal Issues and Ethics in Coaching	PSY 311	2 cr.
PSY 369	International & Cross-Cultural Psychology	PSY 101	5 cr.
PSY 375	Marriage & Family	PSY 101	5 cr.
PSY 376	Human Sexuality	PSY 101	5 cr.
PSY 377	Introduction to Counseling	PSY 101	5 cr.
PSY 455	Abnormal Psychology	PSY 101	5 cr.
PSY 456	Biopsychology	PSY 101	5 cr.
PSY 457	Psychology of Motivation & Emotion	PSY 101	5 cr.
PSY 459	Leadership and Group Processes	PSY 101	5 cr.
PSY 465	Psychology in the Workplace	PSY 101	5 cr.
PSY 466	Psychology of Mind/Body	PSY 101	5 cr.
SOC 101	Introduction to Sociology		5 cr.

Area IV: Natural Science Core (15 Credit Hours Required)

Course	Course Name	Prerequisites	Credits
BIO 201	Anatomy and Physiology I	BIO 112 and CHM 112	5 cr.
BIO 203	Anatomy and Physiology II	BIO 201	5 cr.
CHM 112	General Chemistry II	CHM 111	5 cr.

Area V: Health Coaching Core Requirements (59 Quarter Hours Required)

Course	Course Name	Prerequisites	Credits
SHS 142	First Aid and CP		2 cr.
SHS 300	Exercise Physiology 1	BIO 112	5 cr.
SHS 312	Exercise Testing and Prescription	SHS 300	5 cr.
SHS 400	Exercise Physiology II	SHS 300	5 cr.
SHS 406 *	Sport and Exercise Nutrition	SHS 300	5 cr.
NTR 240	Medical Terminology	ENG 101	2 cr.
NTR 360	Nutrition Through the Life Cycle	NTR 300 or SHS 406	3 cr.
PSY 311	Introduction to Life Coaching	PSY 101	5 cr.
PSY 359	Health Practitioner/Patient Relationship	PSY 101	5 cr.
PSY 366	Behavior Modification	PSY 101	5 cr.
SHS 320	Health Coaching	PSY 101	5 cr.
SHS 321 **	Integrative Medicine (CAM Therapies)	PSY 101	5 cr.

SHS 322	Introduction to Public Health	PSY 101	5 cr.
SHS 431	Health Coaching Field Work 1***	400 &320, PSY 311	2 cr.

** NTR 300 and NTR 405 can substitute for SHS 406 (7 credits – NTR 306 is a pre-req for NTR 405)*

*** NTR 320, NTR 321 and NTR 433 can substitute for SHS 321*

Area VI: Health Coaching Electives – Choose from Natural Science, Business, Computer Science, SHS, Psychology or NTR Courses (37-39 Quarter Hours)

CHM 211, CHM 212, PHS111, PHS 112, PHS 113, PHS 213 or any 300 level or above from Natural Science, Business, Computer Science, SHS Psychology or NTR Courses or any class listed below as part of the minors. NTR 401 and NTR 402 or SHS 428 are strongly recommended.

OR

Area VI for BS in Health Coaching and Life Sciences with a minor in Natural Sciences (recommended for students going into Chiropractic or other professional programs – 36 Quarter Hours required)

Course	Course Name	Prerequisites	Credits
PHS 111	Physics I	MAT 101	5 cr.
CHM 315	Biochemistry I	BIO 112 & CHM 212	6 cr.
CHM 316	Biochemistry II	CHM 315	5 cr.
BIO 312	Cell Biology	BIO 112 & CHM 112	5 cr.
BIO 316	Principles of Genetics	BIO 112 & CHM 112	5 cr.
PHS 112	Physics II	PHS 111	5 cr.
OR			
PHS 213	Physics III	PHS 112	3 cr.
OR			
BIO 335	*Vertebrate Physiology	BIO 201 & BIO 203	5 cr.

** BIO 203 and BIO 335 recommended for pre-chiropractic students.*

OR

Area VI for BS in Health Coaching and Life Science with a minor in Entrepreneurial Business (35 Quarter Hours required)

Course	Course Name	Prerequisites	Credits
ACT 201	Principles of Accounting I	BSN 101	5 cr.
BSN 101	Introduction to Business	ENG 101	5 cr.
BSN 201	Business Ethics	BSN 101	5 cr.
BSN 301	Business Law	BSN 101	5 cr.
CIM 350	Multimedia Business Presentations	CIM 101	5 cr.
CIM 355	Web Design and Programming	CIM 350	5 cr.
MGT 301	Principles of Management	BSN 101	5 cr.

Area VII: General Electives 10-12 Quarter Hours

Total Credits **188 Quarter Hours**

The Health Coaching Field Work course is the only new class to LIFE. Students will have the opportunity to work in the area of health coaching. Through interaction with the community, students will acquire a deeper understanding of health coaching through supervised, hands-on experience. Field work sites may include local YMCA centers, cardiac rehab facilities, smoking cessation programs, weight loss clinics or other health-related locations. SHS 341 will start with a health coaching approach in an environment that promotes wellness. The student will have a chance to see the struggles that individuals make when trying to change their behaviors to improve their health. After completion of this class, students pursuing the Health Coaching degree will be encouraged to take SHS 492, Practicum, or SHS 493, Internship, with a health coaching concentration.

Department Of Natural Sciences

The Department of Natural Sciences maintains the qualified faculty and physical facilities necessary to provide an array of sound courses in the fields of Biology (BIO), Chemistry (CHM) and Physics (PHS). The Department is located in the College of Graduate and Undergraduate Studies (CGUS), where it shares facilities and faculty with the Basic Sciences Division of the College of Chiropractic.

Objectives

The objectives of the Department are to:

1. Provide courses that will satisfy natural science requirements in non-science/non-allied health undergraduate curricula;
2. Provide courses in the natural sciences necessary for the sound preparation of students in allied health fields;
3. Provide courses necessary for admission to Graduate and Professional schools (chiropractic, medical, dental, veterinary medicine, podiatry, optometry, etc.); and
4. Provide the courses necessary to complete Bachelor of Science level degree programs in the sciences.

The Department offers BIO 111-112, CHM 111-112, CHM 211-212 and PHS 111-112 in an accelerated five-week format as well as the traditional 10-week quarter. The courses are identical but meet for twice as many hours per week of lecture and laboratory. Students can therefore complete a two-course sequence in one quarter. Students with the appropriate math background can complete all their biology, general chemistry, organic chemistry and physics requirements for entry into the Doctor of Chiropractic program in as little as two quarters. To be eligible for admission into the accelerated program, students must have a minimum of a 2.0 GPA in their previous coursework. They should also have completed English and college algebra requirements. Students who made a grade of "D" in college algebra may not enroll in the accelerated program. Any special consideration regarding admission to this program is at the discretion of the Dean of the College of Graduate and Undergraduate Studies.

Twelve hours per quarter is considered a full-time load. A student interested in applying for financial aid must be enrolled full-time. Students are allowed to enroll for a maximum of 20 credit hours per quarter.

If a student fails (grade "F") the first part of a sequential set of courses (e.g. CHM 111, PHS 111, BIO 111, CHM 211), the student cannot proceed to the second session of the course. A student can proceed to the second part if the student receives a grade of "D." However, a grade of "C" or higher must be attained in any required prerequisite for entrance into the Doctor of Chiropractic program.

Students who are not comfortable with mathematics or want to take a lesser load are advised to enroll in the 10-week courses. Students who are seeking only a Bachelor of Science degree are encouraged to enroll in the 10-week courses.

Degrees Offered:

Bachelor of Science in Biology

Bachelor of Science in Biology

Degree Requirements

Students receiving a Bachelor of Science in Biology degree must complete a minimum total of 188 cr. hr. of instruction.

Core Curriculum Offerings

Area I:	Communications & Humanities	20 Credit Hours
Area II:	Science, Mathematics and Computers	25 Credit Hours
Area III:	Social Sciences	20 Credit Hours
Total		**65 Credit Hours**

Bachelor of Science Offerings

Area IV:	Natural Science Core	30 Credit Hours
Area V:	Biology Requirements	57 Credit Hours
Area VI:	Biology Electives	14-16 Credit Hours
Area VII:	Free Electives	20-23 Credit Hours
Total		**123 Credit Hours**

Total Bachelor of Science Requirements **188 Credit Hours**

Additional Completion Requirements

1. Completion of at least four years of prescribed study, of which the last year must be in residence at Life University, with at least 47 credit hours of Biology courses being earned in the last year of residency.
2. Satisfactory completion of all in Areas IV – VI courses with a minimum grade of C. All BIO, CLIM and PHS courses must be completed with a minimum grade of C.
3. Satisfactory completion of all courses with a minimum overall cumulative GPA of 2.0.
4. A recommendation for graduation and completion of an exit interview with the Natural Sciences faculty.
5. File a petition to graduate.
6. Administrative and student reviews of records
   a. Registrar Office – Complete a formal academic records review
   b. Financial Aid Office – Exit interviews with a Counselor
   c. Student Accounting – "Perkins" Exit interview and rectify account balance
7. Confirm CLP 090, FYE 101 and FYE 103 completion status requirements.

Area I: COMMUNICATION & HUMANITIES **20 Credit Hours**

A. Communications (10 credit hours required) *Grade "C" or better required.*

Courses	Course Name	Prerequisites	Credits
ENG 101	English Composition I	TSE 099, TOEFL, or Placement Test	5 cr.
ENG 102	English Composition II	ENG 101	5 cr.

B. Literature Requirement (5 credit hours required)

Nutrition majors only may opt to substitute a Foreign Language.

Courses	Course Name	Prerequisites	Credits
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 206	African American Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.

C. Communications or Humanities Electives (5 credit hours not used previously)

Courses	Course Name	Prerequisites	Credits
CHN 111	Mandarin Chinese I	TSE 099, TSR 099, or Placement Test	5 cr.
CHN 112	Mandarin Chinese II	CHN 111	5 cr.
ENG 110	Fiction Writing	ENG 101	2 cr.
ENG 111	Poetry Writing	ENG 101	2 cr.
ENG 112	Screenwriting	ENG 101	2 cr.
ENG 121	Public Speaking		2 cr.
ENG 131	Workplace Communication	ENG 101	5 cr.
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.

FLM 101	Introduction to Classical Cinema		5 cr.
FLM 102	World Cinema		3 cr.
FLM 103	Contemporary Cinema		3 cr.
FRN 111	French I	TSE 099, TSR 099, or Placement Test	5 cr.
FRN 112	French II	1 yr. HS French or FRN 111	5 cr.
HUM 101	Music Appreciation		3 cr.
HUM 201	Introduction to Philosophy	ENG101	5 cr.
SPN 111	Spanish I	TSE 099, TSR 099, or Placement Test	5 cr.
SPN 112	Spanish II	1 yr. HS Spanish or SPN 111	5 cr.

Area II: SCIENCE, MATHEMATICS & COMPUTERS 25 Credit Hours

A. Mathematics (5 credit hours required) ***Grade "C" or better required.***

Courses	Course Name	Prerequisites	Credits
MAT 101	College Algebra	TSM 099 or Placement Test	5 cr.
	OR (for Business majors only)		
MAT 100	Contemporary Mathematics	TSM 099 or Placement Test	5 cr.

B. Science or Math (15 credit hours required)

Courses	Course Name	Prerequisites	Credits
BIO 111	General Biology I		5 cr.
BIO 112	General Biology II	BIO 111 or equivalent	5 cr.
CHM 111	General Chemistry I	MAT 101 or equivalent	5 cr.

C. Computer Information Management (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
CIM 101	Introduction to Computers		5 cr.

Area III: SOCIAL SCIENCES 20 Credit Hours

A. History or American Government (5 credit hours required)
(choose one or two of the following)

Courses	Course Name	Prerequisites	Credits
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
POL 201	American Government		5 cr.

B. Social Science Required (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
PSY 101	General Psychology		5 cr.

Grade "C" or better required.

C. Social Science electives (15 credit hours required – not taken above)

Courses	Course Name	Prerequisites	Credits
ECO 201	Principles of Microeconomics	ENG 101	5 cr.
ECO 202	Principles of Macroeconomics	ENG 101	5 cr.
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
HIS 428	U.S. History since 1945 HIS 201 or 202		5 cr.
POL 110	World Issues		2 cr.
POL 201	American Government		5 cr.
POL 202	Comparative and International Politics		5 cr.
PSY 242	Research Methods in Psychology	MSC 201	5 cr.
PSY 255	Positive Psychology	PSY 101	5 cr.
PSY 256	Psychology of Excellence	PSY 101	5 cr.
PSY 257	Psychology of Adjustment	PSY 101	5 cr.
PSY 290	Life-Span Developmental Psych.	PSY 101	5 cr.
PSY 311	Introduction to Life Coaching	PSY 101	5 cr.
PSY 312	Advanced Life Coaching	PSY 311	5 cr.
PSY 320	Health Psychology	PSY 101	5 cr.
PSY 340	Sport Psychology	PSY 101	5 cr.
PSY 356	Personality Psychology	PSY 101	5 cr.
PSY 357	Social Psychology	PSY 101	5 cr.
PSY 358	Psych. of Religion & Spirituality	PSY 101	5 cr.
PSY 359	Health Practitioner/Pat. Relations.	PSY 101	5 cr.
PSY 366	Behavior Modification	PSY 101	5 cr.
PSY 367	Legal Issues & Ethics in Coaching	PSY 311	2 cr.
PSY 369	Internat. & Cross-Cultural Psych.	PSY 101	5 cr.
PSY 375	Marriage & Family	PSY 101	5 cr.
PSY 376	Human Sexuality	PSY 101	5 cr.
PSY 377	Introduction to Counseling	PSY 101	5 cr.
PSY 455	Abnormal Psychology	PSY 101	5 cr.
PSY 456	Biopsychology	PSY 101	5 cr.
PSY 457	Psych. of Motivation & Emotion	PSY 101	5 cr.
PSY 458	Psychological Tests & Measurement	PSY 101	5 cr.
PSY 459	Leadership and Group Processes	PSY 101	5 cr.
PSY 465	Psychology in the Workplace	PSY 101	5 cr.
PSY 466	Psychology of Mind/Body	PSY 101	5 cr.
PSY 468	Psychosocial Aspects of Pain Mgt.	PSY 101	5 cr.
SOC 101	Introduction to Sociology		5 cr.

Area IV: NATURAL SCIENCE CORE (with "C" or better) 30 Credit Hours

Courses	Course Name	Prerequisites	Credits
CHM 112	General Chemistry II	CHM 111	5 cr.
CHM 211	Organic Chemistry I	CHM 112	5 cr.
CHM 212	Organic Chemistry II	CHM 211	5 cr.
CHM 315	Biochemistry	BIO 112 & CHM 212	5-6 cr.
PHS 111	General Physics I	MAT 101 or equivalent	5 cr.
PHS 112	General Physics II	PHS 111	5 cr.

Area V: BIOLOGY REQUIREMENTS (with "C" or better) 57 Credit Hours

Courses	Course Name	Prerequisites	Credits
BIO 302	Embryology BIO 112		2 cr.
BIO 303	Histology BIO 112		4 cr.
BIO 312	Cell Biology	BIO 112 & CHM 112	5 cr.
BIO 315	Principles of Ecology	BIO 112	5 cr.
BIO 316	Principles of Genetics	BIO 112 & CHM 112	5 cr.
BIO 335	Vertebrate Physiology	BIO 201 & 203	5 cr.
BIO 336	Vertibrate Biology	BIO 112	5 cr.
BIO 410	Cellular, Neuromuscular Physiology	BIO 335 or BIO 336 & CHM 315	5 cr.
BIO 431	Microbiology I	CHM 315	5 cr.
BIO 433	Microbiology II	BIO 431	3 cr.
BIO 437	Immunology & Disease Pattern	BIO 431	3 cr.
BIO 445	Endocrinology	BIO 335 or BIO 336, BIO 410, CHM 315	4 cr.

10 Credits from one of the following groups

BIO 201	Anatomy & Physiology I	BIO 111 & CHM 112	5 cr.
BIO 203	Anatomy & Physiology II	BIO 201	5 cr.
OR			
BIO 401	Anatomy & Physiology	BIO 112 or equivalent	4 cr.
BIO 425	Visceral Physiology	BIO 335 or BIO 401	6 cr.

Area VI: BIOLOGY ELECTIVES (with "C" or better) 14 -16 Credit Hours

Course	Course Name	Prerequisites	Credits
BIO 415	Public Health	BIO 112 & CHM 112	2 cr.
BIO 441	Pathology I	BIO 303	4 cr.
BIO 442	Pathology II	BIO 441	4 cr.
CHM 316	Biochemistry II	CHM 315	5 cr.
NTR 300	Fundamentals of Nutrition	BIO 201 & CHM 112	4 cr.
SHS 300	Exercise Physiology I	BIO 201 or 501	5 cr.

Or any 300, 400 or 500 level Natural Sciences, Basic Sciences, Nutrition or Exercise Science courses.

Area VII: GENERAL ELECTIVES 20 -23 Credit Hours

For this area students may use any course not previously taken.

Department of Nutrition

Mission Statement

The mission of the Department of Nutrition is to support the Life University mission and to provide students with the knowledge and skills necessary for a successful career in the various nutritional settings within their community. This is to diversify the mission of the University in its service to the community. The Department of Nutrition also strives to provide an educationally challenging environment, so that a graduate of any of the nutrition programs can successfully meet the challenges of today's healthcare system.

Introduction

The Department of Nutrition was established under the auspices of the College of Undergraduate Studies initially to provide a nutrition degree as a complement to the Doctor of Chiropractic Program. In December 1993, the Didactic Program in Nutrition and Dietetics (DP) received approval by the Academy of Nutrition and Dietetics (Council on Education Division of Education Accreditation/Approval). In 2005, the Didactic Program in Dietetics was granted initial accreditation by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (AND).

In 1998, the nutrition curricula, the Didactic Program in Nutrition and Dietetics in particular, underwent a major revision to realign itself with the Accreditation Council for Education in Nutrition and Dietetics (ACEND) Academy of Nutrition and Dietetics (AND) revised standards and objectives.

The degree originally called the Bachelor of Science in Nutrition for Chiropractic Science was renamed to Bachelor of Science in Nutrition.

In addition, the Nutrition Department expanded its curricula further to provide an Associate of Science in Nutrition Technology and a Dietetic Internship Program. In October 2001, the Commission on Accreditation/Approval for Dietetics Education of the Academy of Nutrition and Dietetics, a specialized accrediting body recognized by the Commission on Recognition of Post Secondary Accreditation and the United States Department of Education, granted developmental accreditation for the Dietetic Internship Program. In 2005, the Dietetic Internship Program was granted initial accreditation by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (AND).

Educators in the Department of Nutrition

The Department of Nutrition boasts a breadth and depth of faculty with over 80 years of combined experience in the areas of community, education, research, clinical, and management and a better than 15:1 student faculty ratio. When the Southern Association of Colleges and Schools (SACS) visited the University in 2001, they wrote:

> *"…strengths of the program include a dedicated faculty who have expended a tremendous effort to plan new and innovative programs in the field of dietetics and nutrition…Students were enthusiastic about the quality of education that they receive at Life University…The practitioner background of each faculty is clearly a strength of the program. These same faculty advise the undergraduate students, which provides for timely progress through the program."*

Facilities

In early 2010, the Department of Nutrition was relocated to a newly remolded area in the Center for Undergraduate Studies building. With approximately 3,465 square feet, this extraordinary, state of the art department includes seven offices, a reception area, work room, food experimental/kitchen lab with six stations, two computer stations and a large cooking demonstration lab. Additionally, the department has other physical facilities sufficient to meet the program objectives to include space for Dietetic students, the nutrition research clinic, rooms for the assessment and nutrition tutoring labs, nutrition tutoring lab and a nutrition office in the Center for Health and Optimum Performance (C-HOP).

Technical Standards for Nutrition and Dietetics Students

Life University complies with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, as amended and the ADAA 2008. These laws provide a framework for qualified individuals with documented disabilities to request reasonable accommodations needed to participate in a program. Reasonable accommodations are defined as adjustments or modifications that enable a qualified individual with a documented disability to participate as fully as possible in an educational program. An adjustment or modification must be reasonable and may not be provided if it would alter essential academic or technical requirements or result in undue financial or administrative burdens.

Qualified candidates with documented disabilities who wish to request accommodations under the American with Disabilities Act or the Rehabilitation Act must follow the University's procedure for requesting an accommodation. This procedure requires the submission to the Student Success Center of a written request for accommodations, along with supporting documentation from a licensed professional demonstrating the existing of a disability, the functional limitations resulting from the disability, and the need for specific accommodations. Documentation must meet specific Guidelines, which are set forth in the Student Handbook.

Technical Standards Procedures

While inviting and encouraging voluntary self-identification by students with disabilities, Life University has always related to its students as responsible adults with the independent right to make such life decisions. One of those responsibilities is to work with the Student Success Center in requesting reasonable accommodations, academic adjustments and/or auxiliary aids and services pursuant to the procedures set forth in this catalog.

Any Undergraduate candidates who self-identify their disability during any of the four stages:

- Prior to applying for admission,

- During the application process,
- After acceptance but before attending classes,
- While currently attending classes,

Will be referred to the Director of the Student Success Center (SSC).

The Director of the SSC will work in concert with the Disability Advisory Committee (DAC) whenever a question arises as to an individual's ability to meet the requirements and technical standards of the specific program to which the student is applying, or in which the student is enrolled. The DAC has been established to adjudicate this process in a timely manner. The Director of the SSC ensures compliance with policy.

Technical Standards for a B.S. Degree in Nutrition or Dietetics

The study of nutrition and dietetics involves the integration and application of principles from a broad area of study including food science, nutrition, management, communication, biological, physiological, behavioral and social sciences. Therefore, individuals receiving a B.S. Degree in Nutrition or Dietetics must meet all academic and clinical course requirements. To matriculate, students seeking a B.S. Degree in Nutrition or Dietetics must have the following abilities and skills in order to meet the full requirements of the program's curriculum:

Sensory/Observation: A student must have sufficient sensory capacity to observe and participate in demonstrations and experiments in the basic and applied sciences including, but not limited to, demonstrations on human cadavers, animals, microbiologic cultures and microscopic studies of microorganisms and tissues in normal and pathologic states. A student must be able to utilize all assessment parameters in order to assess the nutritional status of the clients and implement a nutritional care plan to achieve optimal nutritional status (i.e., obtaining the client's history, performing physical assessments, anthropometric measurements and analysis of laboratory data). In addition, a student must have sufficient vision to observe physical changes such as in skin and eye color or changes in other areas of the body.

Communication: A student must be able to communicate effectively with patients and their family members, in order to elicit information, describe changes in affect, mood, activity and posture and to perceive nonverbal communications. A student must be able to communicate effectively and sensitively with patients. Communication includes not only speech, but also reading and writing. The student must be able to communicate effectively and efficiently in oral and written form. A student must have verbal and written communication skills sufficient to conduct patient interviews and record clinical histories, communicate results of diagnostic findings, and make assessments and plans known to patients, their family members and members of the healthcare team.

A graduate student is expected to analyze, conceptualize and summarize complex relationships as ascertained from patient records, research studies and other written reports and be able to communicate that information effectively.

Motor/Strength/Coordination: A student must have sufficient dexterity and motor function to elicit information from clients by palpation, auscultation, percussion and to perform diagnostic procedures including, but not limited to obtaining the client's history, performing physical assessments, anthropometric measurements and analysis of laboratory data.

Conceptual, Integrative and Quantitative Abilities: A student must have sufficient conceptual, integrative and quantitative abilities. These abilities include but are not limited to measurement, calculations, reasoning, analysis and synthesis. Additionally, a student must be able to understand the spatial relationships of the nutritional status, nutrient intake and any special conditions. Problem solving in group, individual and collaborative settings requires all of these intellectual abilities. Testing and evaluation of these abilities in the Department of Nutrition employ examinations as an essential component of the curriculum. Successful completion of these examinations is required of all candidates as a condition for continued progress through the curriculum. Examples of these assessments include but are not limited to essay, oral and/or extended multiple choice tests, compositions, oral presentations and lab practicals designed to assess a variety of cognitive and non-cognitive skills in a simulated or supervised clinical settings. All written or word processed information must be in a comprehensible format.

A student must be able to critically analyze, synthesize and evaluate/interpret psychosocial research and be able to utilize available data to conduct evidence based studies in the field of nutrition and dietetics.

Behavioral and Social Attributes: A student must possess the emotional health required for utilization of his/her intellectual abilities. Students must be able to exercise good judgment in the prompt completion of all academic and clinical responsibilities. Students must be able to develop mature, sensitive, ethical and effective relationships. Stressors may include but are not limited to environmental, chemical, physical or psychological. Students must also be able to adapt to change, display poise and flexibility in the face of uncertainties and stressful situations, and to independently demonstrate empathy, integrity, compassion, motivation, and commitment commensurate with the habits and mannerisms of professional training to become a nutritionist or dietitian. Students must portray attributes of professionalism that include but are not limited to honesty, caring, respect, trustworthiness, competence and responsibility to and for their colleagues and patients.

Admitted Students

Upon application to the College of Undergraduate Studies, all candidates are subject to the Technical Standards Policy as presented in this Catalog. During application, all candidates mist sign a certifying statement as represented below for placement in their permanent record.

"I hereby certify that I have read, and understand the Technical Standards Policy as listed in the Life University Catalog and am able to perform the essential and fundamental functions and tasks of the Nutrition or Dietetics Bachelor's degree program with or without a reasonable accommodation."

Program offerings are broad and include:

- Bachelor of Science in Nutrition
- Bachelor of Science in Dietetics
- Verification Statement
- Dietetic Internship Program
- Master of Science in Clinical Nutrition

Bachelor of Science Degrees

Admission, Transfer and Financial Information

1. All newly accepted nutrition students must come to the Department of Nutrition for orientation and advisement.
2. Transfer students to the Dietetics program will need a minimum cumulative **GPA of 3.0 or above** to apply to the program. Nutrition classes to be transferred to the DPD program must be from an institution approved by the Academy of Nutrition and Dietetics (AND) and must be a grade of "B" or better. Transfer students to the other nutrition programs will need a **GPA of 2.5 or above** to apply to the program.
3. Transfer of any nutrition or science course that has been previously taken that is comparable or equivalent to a course offered by Life University, with a grade of "B" or better, may be accepted. However, since the following courses are the foundation for various aspects of the curriculum, they must have been taken within the last seven (7) years:
    - NTR 306 Advanced Nutrition
    - NTR 309 Assessment, Interviewing, and Counseling (clinical)
    - NTR 401 Nutrition Therapy I (clinical)
    - BIO 201 Anatomy & Physiology I*
    - CHM 112 General Chemistry II*

    **Exception: Time limitation for CHM 112 and BIO 201 can be waived if the student has been working in a healthcare field.*

    All nutrition courses transferred to the nutrition core area IV or other nutrition requirements area VIA must be approved by the department head, except for NTR 240 medical terminology.
4. ***In order to qualify for financial aid***, a full-time undergraduate student must enroll in a minimum of twelve (12) and maximum of twenty (20) credit hours per quarter. A part-time undergraduate student carries between six (6) and eleven (11) credit hours per quarter.

5. If a student is obtaining a dual degree in conjunction with the Doctor of Chiropractic (DC) program, ***to qualify for financial aid***, the full-time student must enroll in a minimum of twenty-one (21) and a maximum of twenty-five (25) credit hours per quarter in the DC program. A part-time DC student must take between eleven (11) and twenty (20) credit hours per quarter. Students who take a full course load in the DC program may take up to six (6) credit hours of nutrition courses per quarter. Any DC student taking a part-time DC course load of 6-13 credit hours may take 15-8 (respectively) credit hours in the Department of Nutrition (not to exceed 21 credit hours).

Bachelor of Science Degrees Course Requirements

Degrees Requirements

All students receiving any of the Bachelor's of Science in Nutrition or Dietetics must complete a total of 188 credit hours of instruction.

Additional Completion Requirements

1. NTR 210 – Nutrition Seminar & Future Trends (0 cr.) is a requirement for graduation for all nutrition degrees (there is no charge for this class). Students will need to obtain credit for 12 sessions and give a presentation. All Nutrition students must attend one mandatory 4-hour session on a Saturday that covers the following topics:
   a. **Fall of each year**: **(for Dietetic Majors only, but Nutrition majors may attend)**
      i. Applying to internships and computer matching
      ii. Managing your professional development
      iii. Participation in AND, GAND and lobbying
      iv. Dietetics only career opportunities
      v. AND Code of Ethics
   b. Spring of each year: (required for all Nutrition Majors)
      i. Career opportunities for non-RDs
      ii. Resume writing and interviewing skills
      iii. Ethical issues
      iv. Accrediting agencies

   Nutrition Majors attending both sessions will receive eight credits toward seminar and will still need to attend four more regularly scheduled sessions during the quarter and give a presentation. Regularly scheduled sessions will be offered three times per quarter.

   There will be no make-ups allowed for the mandatory sessions. Students must make plans to attend. If students miss a mandatory session, or come late or leave early, students must wait until it is offered the following year to make up the requirement. Attendance will be taken at the end of each session.
2. Satisfactory completion of all required courses (nutrition and non-nutrition) with a minimum overall **GPA of 2.5 or above** is required for a B.S. in Nutrition.
3. All courses from areas IV-VI must be completed with a grade of "B" or better.
4. Satisfactory completion of all required courses (nutrition and non-nutrition), with a minimum overall cumulative **GPA of 3.0 or above** is required for a **B.S. in Dietetics.**
   a. **If, upon completion, the student's GPA falls below a 3.0, the student becomes ineligible to graduate from the DPD program. If the student has a GPA below 3.0, he or she can be awarded a Bachelor of Science in Nutrition instead.**
   b. A minimum **GPA of 3.0 or above** is required for the verification statement that accompanies the application to Dietetic Internship Programs, however, nearly 80 percent of those accepted into internships have an average **GPA above 3.0**.
5. To receive a Bachelor of Science degree in Nutrition from Life University, a student must earn a minimum of the last 47 credits in residence at Life University, 30 of which are to be in Nutrition, all field experiences must be taken through Life University. Residency is defined as being enrolled (matriculated) as an on-campus student, as a distance learner or via independent study, and has earned the minimum requirements as outlined above.

6. The DC student who chooses to enter the DPD program must strictly adhere to the DPD program requirements including a cumulative **GPA of 3.0 or above**.
7. A recommendation for graduation and completion of an exit interview with the Nutrition Department Faculty.
8. File a petition to graduate.
9. Administrative and student reviews of records
   a. Registrar Office – Complete a formal academic records review
   b. Financial Aid Office – Exit interviews with a Counselor
   c. Student Accounting – "Perkins" Exit interview and rectify account balance
10. Confirm CLP 090, FYE 101 and FYE 103 completion status requirements.

Bachelor of Science in Nutrition

Mission Statement of the Bachelor of Science in Nutrition

The mission of the Bachelor of Science in Nutrition Program at Life University is to provide a solid foundation of knowledge and skills for students, so that the program graduates are prepared for admission to advanced degree/professional programs and/or practice in their chosen field.

Program Goals

Goal No. 1

1. Graduates of the B.S. Degree in Nutrition program are well prepared to be successful in continuing their advanced study.

Success Criteria to Assess Goal No. 1:

Goal No. 1 is assessed by monitoring the:

1. percentage of graduates who pursue advanced degrees and will feel prepared for their advanced studies.
2. percentage of graduates who enter the Doctor of Chiropractic Program and will be successful and complete their professional degree within the allowed time.

Goal No. 2

1. Graduates of the B.S. Degree in Nutrition Program will demonstrate the knowledge and skills for understanding nutrition and its effects on health and lifestyle of their clients.

Success Criteria to Assess Goal No. 2:

1. percentage of graduates who will be prepared with the skills and knowledge necessary to effect the nutritional aspects of their patient's health and lifestyle.
2. percentage of graduates who take positions in the field of Nutrition or Dietetics that do not require RD status will be qualified and prepared for their position.
3. percentage of employers of graduates who took positions in the field of Nutrition or Dietetics who felt the graduates are well prepared for their position.

Goal No. 3

1. Graduates of all Nutrition Programs will be satisfied with the advisement they received regarding completion of their education in a timely manner and the quality of education they received at Life University.

Success Criteria to Assess Goal No. 3:

1. percentage of graduates who were satisfied with the advisement they received.
2. percentage of graduates who were satisfied with the quality of education they received at Life University.
   a. percentage of graduates who were satisfied with the Department of Nutrition faculty.
   b. percentage of faculty members who update their Professional Development Plans (PDP).
   c. percentage of faculty members who update their course content.

Career Opportunities

With this degree, students are able to enter into a Professional Program or pursue a career in the field of nutrition, which does not require Registered Dietitian (RD) credentials.

Bachelor of Science in Nutrition Curriculum

Degree Requirements

Students receiving a Bachelor of Science in Nutrition degree must complete a minimum total of 188 credit hours of instruction.

Core Curriculum Offerings

Area I:	Communications & Humanities	20 Credit Hours
Area II:	Science, Mathematics and Computer	25 Credit Hours
Area III:	Social Sciences	20 Credit Hours
	Total	**65 Credit Hours**

Bachelor of Science Offerings

Area IV:	Nutrition Core	48 Credit Hours
Area V (a):	Major Program Requirements	33 Credit Hours
Area V (b):	Major Program Requirements	20 Credit Hours
Area VI:	Nutrition & Business Electives	18 Credit Hours
Area VII:	Free Electives	4 Credit Hours
	Total	**123 Credit Hours**
Total Bachelor of Science Requirements		**188 Credit Hours**

Area I: COMMUNICATION & HUMANITIES 20 Credit Hours

A. Communications (13 credit hours required) *Grade "B" or better required*

Courses	Course Name	Prerequisites	Credits
ENG 101	English Composition I	TSE 099, TOEFL, or Placement Test	5 cr.
ENG 102	English Composition II	ENG 101	5 cr.
ENG 121	Public Speaking		3 cr.

B. Literature Requirement (5 credit hours required)

Nutrition and Dietetic majors only may opt to substitute a Foreign Language

Courses	Course Name	Prerequisites	Credits
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.

C. Communications or Humanities Electives (2 credit hours not used previously)

Courses	Course Name	Prerequisites	Credits
CHN 111	Mandarin Chinese I	TSE 099, TSR 099, or Placement Test	5 cr.
CHN 112	Mandarin Chinese II	CHN 111	5 cr.
ENG 110	Fiction Writing	ENG 101	2 cr.
ENG 111	Poetry Writing	ENG 101	2 cr.
ENG 112	Screenwriting	ENG 101	2 cr.
ENG 131	Workplace Communication	ENG 101	5 cr.

ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.
FLM 101	Introduction to Classical Cinema		5 cr.
FLM 102	World Cinema		3 cr.
FLM 103	Contemporary Cinema		3 cr.
FRN 111	French I	TSE 099, TSR 099, or Placement Test	5 cr.
FRN 112	French II	1 yr. HS French or FRN 111	5 cr.
HUM 101	Music Appreciation		3 cr.
HUM 201	Introduction to Philosophy	ENG101	5 cr.
SPN 111	Spanish I	TSE 099, TSR 099, or Placement Test	5 cr.
SPN 112	Spanish II	1 yr. HS Spanish or SPN 111	5 cr.

Area II: SCIENCE, MATHEMATICS & COMPUTERS 25 Credit Hours

A. Mathematics (5 credit hours required) ***Grade "B" or better required.***

Courses	Course Name	Prerequisites	Credits
MAT 101	College Algebra	TSM 099 or Placement Test	5 cr.

B. Science or Math (15 credit hours required)

Courses	Course Name	Prerequisites	Credits
BIO 111	General Biology I		5 cr.
BIO 201	Anatomy & Physiology I	BIO 111 & CHM 112	5 cr.
CHM 111	General Chemistry I	MAT 101 or equivalent	5 cr.

C. Computer Information Management (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
CIM 101	Introduction to Computers		5 cr.

Area III: SOCIAL SCIENCES 20 Credit Hours

A. History or American Government

(5 credit hours required, choose one of the following)

Courses	Course Name	Prerequisites	Credits
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
POL 201	American Government		5 cr.

B. Social Science Required (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
PSY 101	General Psychology		5 cr.

C. Social Science electives (15 credit hours required – not taken above)

Courses	Course Name	Prerequisites	Credits
ECO 201	Principles of Microeconomics	ENG 101	5 cr.
ECO 202	Principles of Macroeconomics	ENG 101	5 cr.
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
HIS 428	U.S. History since 1945	HIS 201 or 202	5 cr.
POL 110	World Issues		2 cr.
POL 201	American Government		5 cr.
POL 202	Comparative and International Politics		5 cr.
PSY 242	Research Methods in Psychology	MSC 201	5 cr.
PSY 255	Positive Psychology	PSY 101	5 cr.
PSY 256	Psychology of Excellence	PSY 101	5 cr.
PSY 257	Psychology of Adjustment	PSY 101	5 cr.
PSY 290	Life-Span Developmental Psych.	PSY 101	5 cr.
PSY 311	Introduction to Life Coaching	PSY 101	5 cr.
PSY 312	Advanced Life Coaching	PSY 311	5 cr.
PSY 320	Health Psychology	PSY 101	5 cr.
PSY 340	Sport Psychology	PSY 101	5 cr.
PSY 356	Personality Psychology	PSY 101	5 cr.
PSY 357	Social Psychology	PSY 101	5 cr.
PSY 358	Psych. of Religion & Spirituality	PSY 101	5 cr.
PSY 359	Health Practitioner/Pat. Relations.	PSY 101	5 cr.
PSY 366	Behavior Modification	PSY 101	5 cr.
PSY 367	Legal Issues & Ethics in Coaching	PSY 311	2 cr.
PSY 369	Internat. & Cross-Cultural Psych.	PSY 101	5 cr.
PSY 375	Marriage & Family	PSY 101	5 cr.
PSY 376	Human Sexuality	PSY 101	5 cr.
PSY 377	Introduction to Counseling	PSY 101	5 cr.
PSY 455	Abnormal Psychology	PSY 101	5 cr.
PSY 456	Biopsychology	PSY 101	5 cr.
PSY 457	Psych. of Motivation & Emotion	PSY 101	5 cr.
PSY 458	Psychological Tests & Measurement	PSY 101	5 cr.
PSY 459	Leadership and Group Processes	PSY 101	5 cr.
PSY 465	Psychology in the Workplace	PSY 101	5 cr.
PSY 466	Psychology of Mind/Body	PSY 101	5 cr.
PSY 468	Psychosocial Aspects of Pain Mgt.	PSY 101	5 cr.
SOC 101	Introduction to Sociology		5 cr.

Area IV: NUTRITION CORE — 48 Credit Hours

Courses	Course Name	Prerequisites	Credits
NTR 209	Principles of Food Preparation		3 cr.
NTR 240	Medical Terminology		2 cr.
NTR 300	Fundamentals of Nutrition	A&P 201 & CHM 112	4 cr.
NTR 301	Research Methodology	CIM 101	2 cr.
NTR 303	Menu Planning & Comp. Analysis	CIM 101 & NTR 300	3 cr.
NTR 304	Introduction to Food Science	NTR 209 & 300	3 cr.
NTR 305	Community Nutrition	NTR 300	3 cr.

NTR 306	Advanced Nutrition	NTR 300 & CHM 316 Or permission of Instructor	4 cr.
NTR 307	Nutrition Education	CIM 101 & ENG 101	2 cr.
NTR 309	Assess., Interviewing, & Counsel.	NTR 303 & 307	4 cr.
NTR 320	Alternative Nutrition	NTR 300 Or permission of Instructor	2 cr.
NTR 360	Nutrition through the Life Cycle	NTR 300	3 cr.
NTR 401	Nutrition Therapy I	NTR 306 & 309 Or permission of Instructor	4 cr.
NTR 402	Nutrition Therapy II	NTR 306 & 309 Or permission of Instructor	4 cr.
NTR 405	Nutrition & Physical Performance	CHM 316 or NTR 306	3 cr.
NTR 433	Study of Vitamins & Minerals	NTR 306	2 cr.

Area V (a): MAJOR PROGRAM REQUIREMENTS 33 Credit Hours

Courses	Course Name	Prerequisites	Credits
BIO 431	Microbiology I	CHM 315	5 cr.
BIO 433	Microbiology II	BIO 431	3 cr.
CHM 112	General Chemistry II	CHM 111	5 cr.
CHM 211	Organic Chemistry I	CHM 112	5 cr.
CHM 212	Organic Chemistry II	CHM 211	5 cr.
CHM 315	Biochemistry I	A&P 201 & CHM 112	5 cr.
CHM 316	Biochemistry II	CHM 315	5 cr.
NTR 210	Nutrition Seminar & Future Trends	See Advisor	0 cr.

Area V (b): MAJOR PROGRAM REQUIREMENTS 20 Credit Hours

A**ny 20 credit hours of Natural Science, Mathematics or Business**

Area VI: OTHER MAJOR REQUIREMENTS 18 Credit Hours

Courses	Course Name	Prerequisites	Credits
A)	8 cr. hrs. Undergraduate Nutrition courses	8 cr.	
B)	10 cr. hrs. any Nutrition, Science, or Business Electives (300 level and above courses)		10 cr.

Area VII: GENERAL ELECTIVES 4 Credit Hours

Any undergraduate course not previously taken.

For more information regarding the Bachelor of Science in Nutrition Degrees, refer to the handbook on the Life University website (www.LIFE.edu) under the Department of Nutrition.

Bachelor of Science in Dietetics

Mission Statement of the Didactic Program in Dietetics

The mission of the Didactic Program in Nutrition and Dietetics is to support the Life University mission and provide practical experience and training for students, so that the program graduates are prepared for entrance into an Internship Program or can obtain a position in the field of dietetics not requiring Registered Dietitian status.

The mission of the Didactic Program in Dietetics is to also prepare the graduates academically and professionally so that they may pursue an advanced degree and after completion of an Internship Program they will provide quality nutritional care in a cost effective manner and pursue innovations, both in the work place and in professional associations.

Accreditation Status

The Didactic Program in Nutrition and Dietetics (DP) at Life University has been granted initial accreditation by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (AND).

Goal No. 1

1. Graduates of the DP Program will have the knowledge and skills necessary for obtaining and completing an internship in dietetics or for their first position in the field not requiring Registered Dietitian (RD) status.

Success Criterion to Assess Goal No. 1

Goal No. 1 is assessed by monitoring the:

1. percentage of graduates who enter the DP Program and complete the program within four years.
2. percentage of graduates who apply for internships within the academic year they complete the DP Program.
3. percentage of DP graduates who apply for internships within six months of graduation and are accepted.
4. percentage of graduates not applying to or not accepted to a supervised practice program within the academic year they completed the DP program will reapply to a supervised practice program.
5. percentage of graduates not applied to or accepted to a supervised practice program within the academic year they completed the DP program will seek further training or obtain employment.
6. percentage of IP Directors will feel that the graduates of the Life University DP Program are prepared for the internship program (rating of 3-5/based on a scale of 1-5).
7. percentage of DP graduates who desire employment in the field of dietetics that does not require RD status will obtain a position within six months of graduation.
8. percentage of DP graduates who take positions in the field of dietetics that does not require RD status will feel well prepared for their position.
9. percentage of employers of DP graduates who took positions in the field of dietetics that does not require RD status feel our graduates are well prepared for their position.

Goal No. 2

1. Graduates of the DP Program will pass the national exam for registered dietitians on the first attempt.

Success Criterion to Assess Goal No. 2

Goal No. 2 is assessed by monitoring the:

1. percentage of graduates who pass the national exam for registered dietitians on the first attempt.
2. percentage of graduates who score within two standard deviations of the national means on the clinical part of the exam.
3. percentage of graduates who score within two deviations of the national means on the foodservice part of the exam.
4. percentage of graduates who pass the field experience course exam on the first attempt and pass the National Registered Dietitian Exam on the first attempt.

Goal No. 3

1. Graduates of the DP Program who pass the national exam for registered dietitians after completion of an internship program feel prepared for their first position in the field requiring Registered Dietitian (RD) status.

Success Criterion to Assess Goal No. 3

Goal No. 3 is assessed by monitoring the:

1. percentage of DP graduates who obtain a position in the field of dietetics within six months of graduation of a IP program.
2. percentage of graduates who took positions in the field of nutrition and dietetics will feel well prepared for their position.
3. percentage of employers of the DP graduates who took positions in the field of nutrition and dietetics will feel our graduates are well prepared for their position.

Goal No. 4

1. Graduates of the DP Program will be prepared for and encouraged to seek advanced studies and/or keep current with the national registration and state licensure.

Success Criterion to Assess Goal No. 4

Goal No. 4 is assessed by monitoring the:

1. percentage of graduates who apply to advanced degrees within three years of graduation.
2. percentage of graduates who keep current with their registration and licensing within three years of graduation.
3. percentage of graduates who successfully complete the comprehensive exam will be motivated to seek advanced study and/or keep current with the national registration and state licensure.

Career Opportunities

Job opportunities for graduates with Registered Dietitian credential are endless and include settings such as hospitals, public health nutrition programs and long-term care facilities. Dietitians also work in child nutrition and school lunch programs, community wellness centers, health clubs, nutrition programs for the elderly, food companies and in food service management settings. Their responsibilities are as varied as the settings in which they work. Dietitians also work with physicians providing individual and group therapy. Another possibility for Dietitians is to work for pharmaceutical companies with lines of Nutritional Products.

Credentialing Process For Dietetics Practitioners:

Students are required to go through a sequential three-step process to become a Registered Dietitian. Those steps are:

1. Completion of didactic component of a ACEND Accredited program in dietetics.
2. Completion of a ACEND Accredited dietetic internship program.
3. Pass the National examination administered by the Commission on Dietetic Registration.

The completion of this program fulfills the first step in the process. It also gives the student the competence and eligibility to complete a Dietetic Internship Program.

Bachelor of Science in Dietetics Curriculum

Degree Requirements

Students receiving a Bachelor of Science in Dietetics degree must complete a minimum total of 191 credit hours of instruction.

Core Curriculum Offerings

Area I:	Communications & Humanities	20 Credit Hours
Area II:	Science, Mathematics and Computers	25 Credit Hours
Area III:	Social Sciences	20 Credit Hours
	Total	**65 Credit Hours**

Bachelor of Science Offerings

Area IV:	Nutrition Core	48 Credit Hours
Area V:	Major Program Requirements	43 Credit Hours
Area VI (a):	Nutrition Courses	33 Credit Hours
Area VI (b):	Any 2 cr. hrs. Nutrition Courses Not Taken	2 Credit Hours
Area VII:	Free Electives	0 Credit Hours
	Total	**126 Credit Hours**
Total Bachelor of Science Requirements		**191 Credit Hours**

Bachelor of Science in Dietetics Completion Requirements:

1. Satisfactory completion of all required courses (nutrition and non-nutrition), with a minimum overall cumulative **GPA of 3.0 or above** is required for a **B.S. in Dietetics.**
   a. **If, upon completion, the student's GPA falls below a 3.0, the student becomes ineligible to graduate from the DPD Program.**
   b. **If the student has a GPA below 3.0, he or she can be awarded a Bachelor of Science in Nutrition instead.**

2. The DC student who chooses to enter the DPD program must strictly adhere to the DPD program requirements including a cumulative **GPA of 3.0 or above**.
3. All courses from areas IV-VI must be completed with a grade of "B" or better.
4. A minimum **GPA of 3.0 or above** is required for the Verification Statement that accompanies the application to Dietetic Internship Programs, however, nearly 80 percent of those accepted into internships have an average **GPA above 3.0**.
5. Students must provide the Director of Didactic Program in Dietetics with their social security number and permanent address during their last quarter at Life University, so that a Verification Statement can be mailed upon completing degree requirements.
6. To receive a Bachelor of Science degree in Dietetics from Life University, a student must earn a minimum of the last 47 credits in residence at Life University, 30 of which are to be in Nutrition, all field experiences must be taken through Life University. Residency is defined as being enrolled (matriculated) as an on-campus student, as a distance learner, or via independent study, and has earned the minimum requirements as outlined above.
7. A recommendation for graduation and completion of an exit interview with the Nutrition Department Faculty.
8. File a petition to graduate.
9. Administrative and student reviews of records
    a. Registrar Office – Complete a formal academic records review
    b. Financial Aid Office – Exit interviews with a Counselor
    c. Student Accounting – "Perkins" Exit interview and rectify account balance
10. Confirm CLP 090, FYE 101 and FYE 103 completion status requirements.

Bachelor of Science in Dietetics (DPD)

Area I: COMMUNICATION & HUMANITIES 20 Credit Hours

A. Communications (13 credit hours required) G*rade "B" or better required.*

Courses	Course Name	Prerequisites	Credits
ENG 101	English Composition I	TSE 099, TOEFL, or Placement Test	5 cr.
ENG 102	English Composition II	ENG 101	5 cr.
ENG 121	Public Speaking		3 cr.

B. Literature or Foreign Language Requirement (5 credit hours required)

Nutrition and Dietetics majors only may opt to substitute a Foreign Language

Courses	Course Name	Prerequisites	Credits
ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.

C. Communications or Humanities Electives (2 credit hours not used previously)

Courses	Course Name	Prerequisites	Credits
CHN 111	Mandarin Chinese I	TSE 099, TSR 099, or Placement Test	5 cr.
CHN 112	Mandarin Chinese II	CHN 111	5 cr.
ENG 110	Fiction Writing	ENG 101	2 cr.
ENG 111	Poetry Writing	ENG 101	2 cr.
ENG 112	Screenwriting	ENG 101	2 cr.
ENG 131	Workplace Communication	ENG 101	5 cr.

ENG 201	Survey of American Literature	ENG 101	5 cr.
ENG 202	Survey of British Literature	ENG 101	5 cr.
ENG 203	World Literature I	ENG 101	5 cr.
ENG 204	World Literature II	ENG 101	5 cr.
ENG 205	Eastern Literature	ENG 101	5 cr.
ENG 210	Studies in Mystery Fiction	ENG 101	5 cr.
ENG 220	American Drama	ENG 101	5 cr.
ENG 230	Introduction to Short Fiction	ENG 101	5 cr.
FLM 101	Introduction to Classical Cinema		5 cr.
FLM 102	World Cinema		3 cr.
FLM 103	Contemporary Cinema		3 cr.
FRN 111	French I	TSE 099, TSR 099, or Placement Test	5 cr.
FRN 112	French II	1 yr. HS French or FRN 111	5 cr.
HUM 101	Music Appreciation		3 cr.
HUM 201	Introduction to Philosophy	ENG101	5 cr.
SPN 111	Spanish I	TSE 099, TSR 099, or Placement Test	5 cr.
SPN 112	Spanish II	1 yr. HS Spanish or SPN 111	5 cr.

Area II: SCIENCE, MATHEMATICS & COMPUTERS 25 Credit Hours

A. Mathematics (5 credit hours required) ***Grade "B" or better required.***

Courses	Course Name	Prerequisites	Credits
MAT 101	College Algebra	TSM 099 or Placement Test	5 cr.

B. Science or Math (15 credit hours required)

Courses	Course Name	Prerequisites	Credits
BIO 111	General Biology I		5 cr.
BIO 201	Anatomy & Physiology I	BIO 111, CHM 211	5 cr.
CHM 111	General Chemistry I	MAT 101 or equivalent	5 cr.

C. Computers Required (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
CIM 101	Intro to Computers		5 cr.

C. Computer Information Management (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
CIM 101	Introduction to Computers		5 cr.

Area III: SOCIAL SCIENCES 20 Credit Hours

A. History or American Government
(5 credit hours required, choose one of the following)

Courses	Course Name	Prerequisites	Credits
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
POL 201	American Government		5 cr.

B. Social Science Required (5 credit hours required)

Courses	Course Name	Prerequisites	Credits
PSY 101	General Psychology		5 cr.

Grade "B" or better required.

C. Social Science electives (15 credit hours required – not taken above)

Courses	Course Name	Prerequisites	Credits
ECO	201 Principles of Microeconomics	ENG 101	5 cr.
ECO 202	Principles of Macroeconomics	ENG 101	5 cr.
HIS 101	World Civilization to 1500		5 cr.
HIS 102	World Civilization since 1500		5 cr.
HIS 110	World Geography		5 cr.
HIS 201	U.S. History to 1877		5 cr.
HIS 202	U.S. History since 1877		5 cr.
HIS 211	African-American History to 1877		3 cr.
HIS 212	African-American History since 1877		3 cr.
HIS 428	U.S. History since 1945	HIS 201 or 202	5 cr.
POL 110	World Issues		2 cr.
POL 201	American Government		5 cr.
POL 202	Comparative and International Politics		5 cr.
PSY 242	Research Methods in Psychology	MSC 201	5 cr.
PSY 255	Positive Psychology	PSY 101	5 cr.
PSY 256	Psychology of Excellence	PSY 101	5 cr.
PSY 257	Psychology of Adjustment	PSY 101	5 cr.
PSY 290	Life-Span Developmental Psych.	PSY 101	5 cr.
PSY 311	Introduction to Life Coaching	PSY 101	5 cr.
PSY 312	Advanced Life Coaching	PSY 311	5 cr.
PSY 320	Health Psychology	PSY 101	5 cr.
PSY 340	Sport Psychology	PSY 101	5 cr.
PSY 356	Personality Psychology	PSY 101	5 cr.
PSY 357	Social Psychology	PSY 101	5 cr.
PSY 358	Psych. of Religion & Spirituality	PSY 101	5 cr.
PSY 359	Health Practitioner/Pat. Relations.	PSY 101	5 cr.
PSY 366	Behavior Modification	PSY 101	5 cr.
PSY 367	Legal Issues & Ethics in Coaching	PSY 311	2 cr.
PSY 369	Internat. & Cross-Cultural Psych.	PSY 101	5 cr.
PSY 375	Marriage & Family	PSY 101	5 cr.
PSY 376	Human Sexuality	PSY 101	5 cr.
PSY 377	Introduction to Counseling	PSY 101	5 cr.
PSY 455	Abnormal Psychology	PSY 101	5 cr.
PSY 456	Biopsychology	PSY 101	5 cr.
PSY 457	Psych. of Motivation & Emotion	PSY 101	5 cr.
PSY 458	Psychological Tests & Measurement	PSY 101	5 cr.
PSY 459	Leadership and Group Processes	PSY 101	5 cr.
PSY 465	Psychology in the Workplace	PSY 101	5 cr.
PSY 466	Psychology of Mind/Body	PSY 101	5 cr.
PSY 468	Psychosocial Aspects of Pain Mgt.	PSY 101	5 cr.
SOC 101	Introduction to Sociology		5 cr.

Area IV: NUTRITION CORE — 48 Credit Hours

Courses	Course Name	Prerequisites	Credits
NTR 209	Principles of Food Preparation		3 cr.
NTR 240	Medical Terminology		2 cr.
NTR 300	Fundamentals of Nutrition	BIO 201 & CHM 112	4 cr.

NTR 301	Research Methodology	CIM 101	2 cr.
NTR 303	Menu Planning & Computer Analysis	CIM 101 & NTR 300	3 cr.
NTR 304	Introduction to Food Science	NTR 209 & 300	3 cr.
NTR 305	Community Nutrition	NTR 300	3 cr.
NTR 306	Advanced Nutrition	NTR 300 & CHM 316 Or permission of Instructor	4 cr.
NTR 307	Nutrition Education	NTR 300, CIM 101 & ENG 101	2 cr.
NTR 309	Assess., Interview., & Counseling	NTR 303 & 307	4 cr.
NTR 320	Alternative Nutrition	NTR 300 Or permission of Instructor	2 cr.
NTR 360	Nutrition through the Life Cycle	NTR 300	3 cr.
NTR 401	Nutrition Therapy I	NTR 306 & 309 Or permission of Instructor	4 cr.
NTR 402	Nutrition Therapy II	NTR 306 & 309 Or permission of Instructor	4 cr.
NTR 405	Nutrition & Physical Performance	CHM 316 or NTR 306	3 cr.
NTR 433	Study of Vitamins & Minerals	NTR 306	2 cr.

Area V: MAJOR PROGRAM REQUIREMENTS 43 Credit Hours

Courses	Course Name	Prerequisites	Credits
BIO 431	Microbiology I	CHM 315	5 cr.
BIO 433	Microbiology II	BIO 431	3 cr.
CHM 112	General Chemistry II	CHM 111	5 cr.
CHM 211	Organic Chemistry I	CHM 112	5 cr.
CHM 212	Organic Chemistry II	CHM 211	5 cr.
CHM 315	Biochemistry I	BIO 201 & CHM 112	5 cr.
CHM 316	Biochemistry II	CHM 315	5 cr.
NTR 210	Nutrition Seminar & Future Trends	See Advisor	0 cr.

Area VI: OTHER NUTRITION REQUIREMENTS 35 Credit Hours

(A) The following 33 credit hours:

Courses	Course Name	Prerequisites	Credits
NTR 310	Marketing Your Services	CIM 101 and ENG 102	2 cr.
NTR 311	Food Service Operations	BSN 101 or NTR 209	3 cr.
NTR 312	Food Safety & Sanitation	Any 100 level BIO class	2 cr.
NTR 413	Nutrition Therapy III	NTR 401 & NTR 402	3 cr.
NTR 414	Food, Nutrition & Culture	NTR 401 & NTR 402 Or permission of Instructor	3 cr.
NTR 415	Quantity Food Production	NTR 311 &NTR 312	2 cr.
NTR 417	Field Experience – Community	NTR 305, 307, 309, & 360 or permission of Instructor	3 cr.
NTR 436	Clinical Field Experience	NTR 413, NTR 414 Or permission of Instructor	4 cr.
NTR 442	Food Service Management	NTR 311	3 cr.
NTR 443	Management Field Experience	NTR 442 & Instructor Permission	4 cr.
NTR 434	Pharmocology	NTR 306	2 cr.
NTR 435	Financial Reimbursement	instructor approval	2 cr.

(B) Any 2 credit hours of Nutrition Courses not already taken.

The following are recommended:

Courses	Course Name	Prerequisites	Credits
NTR 411	Maternal/Child Nutrition	NTR 306 & NTR 360	3 cr.
NTR 412	Geriatric Nutrition	NTR 401	3 cr.
NTR 432	Nutrion Epidemology	NTR 305	2 cr.

Area VII General Electives 0 cr.

Verification Statement Requirements

Life University's Department of Nutrition now provides a Verification Statement for entrance into an accredited Dietetic Internship Program. Students who have obtained a nutrition degree or other degree field with a GPA of 3.0 or better and need only courses required to become eligible for entrance into an internship can do so at Life University without having to complete requirements for the entire B.S. in Dietetics Degree. Upon completion of the internship, the graduate is then able to take the national registration exam to become a Registered Dietitian (R.D.).

Verification Statement Coursework Requirements**

Courses	Course Name	Credits
NTR 210	Nutrition Seminar and Future Trends	(0)
NTR 303	Menu Planning	(3)
NTR 307	Nutrition Education	(2)
NTR 309	Assessment, Interviewing & Counseling	(4)
NTR 311	Foodservice Operations	(3)
NTR 405	Physical Performance	(3)
NTR 411	Maternal Child Nutrition	(3)
NTR 412	Geriatric Nutrition	(3)
NTR 413	Nutrition Therapy III	(3)
(If haven't had sufficient Therapy courses they must also take Nutrition Therapy I and/or II)		
NTR 414	Food, Nutrition and Culture	(3)
NTR 415	Quantity Food Production	(2)
NTR 417	Community Field Experience	(3)
NTR 433	Study of Vitamins and Minerals	(2)
NTR 442	Foodservice Management	(3)
NTR 436	Clinic Field Experience	(4)
NTR 443	Management Field Experience	(4)

TOTAL: 42-53 credits

**All pre-reqs must be met. If the student has not taken the pre-req as part of the undergraduate nutrition degree obtained elsewhere, he/she must take that pre-req at Life University.

Verification Statement Completion Requirements

1. All nutrition courses must be completed with a grade of "B" or better.
2. A minimum overall cumulative GPA of 3.0 or better is required for all courses listed above. However, nearly 80 percent of those accepted to internships have an average GPA over 3.0 or better.
3. All credit hours required for the Verification Statement must be completed at Life University. Courses cannot be transferred in from another University to meet the above stated requirements.
4. Students must provide the Didactic Program in Dietetics Director with their social security number and permanent address during their last quarter at Life University, so that a Verification Statement can be mailed upon completion of the requirements.

Note:

1. Students that received a B.S. in Nutrition from Life University within the past three years may be exempt from some courses.
2. Anyone who has a degree that is not nutrition related must complete all degree requirements for the dietetics degree (excluding any transfer credits).

The Internship Programs in Nutrition and Dietetics

Internship Programs in Nutrition and Dietetics: (DTR 511F-Fall, DTR 511W-Winter, DTR 511S-Spring)

The Internship Programs in Nutrition and Dietetics at Life University is a 9-month, 41 week (1,640 hours of Didactic [360 hours] and supervised practice experience [1,200 hours]) post baccalaureate program with a clinical emphasis. The program provides interns with necessary knowledge and skills to be eligible to sit for the national registration exam for dietitians and to pursue a variety of career opportunities in the field of dietetics. Up to 16 interns can be admitted to the program, which starts the end of August and is completed by the end of May of the next year.

Mission Statement of the Dietetic Internship Program

The mission of the Internship Programs in Nutrition and Dietetics is to support the Life University mission and provide practical experience and training for interns, so that the program graduates will have the knowledge and skills to effectively meet the responsibilities of nutritional services in community, clinical, managerial positions and become leaders in their chosen field. Upon completion of the program and receipt of the Verification Statement, the graduates will pass the National Registration Examination for dietitians.

The mission of the Internship Programs in Nutrition and Dietetics is to also prepare the graduates academically and professionally so that they may integrate, apply and practice theoretical knowledge necessary to provide quality nutritional care in a cost effective manner, pursue innovations and leadership, both in the work place and in professional associations.

Program Goals

Goal No. 1

1. Graduates of the Internship Programs in Nutrition and Dietetics will pass the national registration exam for dietitians and be qualified and prepared for a variety of career opportunities in the field of dietetics.

Success Criterion to Assess Goal No. 1:

Goal No. 1 is assessed by monitoring the:

1. percentage of interns who enter the program and complete the program within 150 percent of the time planned for completion.
2. percentage of IP graduates who take the Registered Dietitian (RD) exam and pass on the first attempt.
3. percentage of IP graduates who take the RD exam and pass on the second attempt.

Goal No. 2

1. Graduates of the Internship Programs in Nutrition and Dietetics who desire employment will obtain a position in the field of dietetics and will have the knowledge and skills to effectively meet the responsibilities of the position.

Success Criterion to Assess Goal No. 2:

Goal No. 2 is assessed by monitoring the:

1. percentage of IP graduates who obtain a position in the field of dietetics within six months of graduation.
2. percentage of IP graduates who start their first position as a Registered Dietitian feel well prepared for the position.
3. percentage of IP graduate's employers feel that they are well prepared for the position.

Goal No. 3

1. Graduates of the Internship Programs in Nutrition and Dietetics will integrate theoretical knowledge into application/ practice by completing research projects and will apply current research information into practice.

Success Criterion to Assess Goal No. 3:

Goal No. 3 is assessed by monitoring the:

1. percentage of IP graduates who incorporate scientific knowledge and evidence based research into their practice.
2. percentage of IP graduate's employers who acknowledged that their employees incorporate scientific knowledge and evidence based research into their practice.

Goal No. 4

1. Graduates of the Internship Programs in Nutrition and Dietetics will have skills and motivation to pursue life long learning so they can meet the requirements of continuing education of the Commission on Dietetic Registration.

Success Criterion to Assess Goal No. 4:

Goal No. 4 is assessed by monitoring the:

1. percentage of IP graduates who apply to advanced degrees within three years of graduation.
2. percentage of IP graduates who keep current with their registration and licensing within three years of graduation.
3. percentage of IP graduates who set up professional development plans.

Credentialing Process for Dietetics Practitioners

Students are required to go through a sequential 3-step process to become a Registered Dietitian. Those steps are:

1. Completion of didactic program in dietetics with minimum academic requirements as approved by the Academy of Nutrition and Dietetics.
2. Complete an AND accredited internship.
3. Pass the National Dietetic Registration Exam.

The completion of this program fulfills the second step in the process. This gives the student the competence and eligibility to take the national Dietetic Registration Exam.

Accreditation/Approval Status:

Life University Internship Program has been granted initial accreditation by the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics; a specialized accrediting body recognized by the Commission on Recognition of Post-secondary Accreditation and the United States Department of Education.

Financial Aid

Financial aid is available for the Internship Programs in Nutrition and Dietetics. For more information, contact Financial Aid Dept. at (770) 426-2826.

Cost To Student

1. The tuition fee is $6,500. This fee will include instruction as well as work experience.
2. Health insurance and professional liability insurance is mandatory. Students must obtain insurance coverage prior to admission to the program. Liability insurance can be obtained through the American Dietetic Association at a cost of approximately $75 for liability and $350 for health for the nine-month duration.
3. **Students are responsible for providing their own housing, meals, transportation and gas costs to/from rotation sites. Costs vary based upon preferences**. The approximate cost is estimated to be between $8,000-12,000. Information regarding housing can be obtained through the Life University Office of Student Affairs at 770-426-2700.
4. **Textbook(s) for the program will average $600.**
5. White lab coats are required and are available in the Life University Bookstore for $17.95, stethoscope, sphygmomanometer, and penlight or flashlight are also required.
6. Application fee for computer matching by D&D Digital Systems is $50.
7. Application fee for processing application by Life University is $65.
8. **Some rotation sites may require background checks for the interns and acquire the interns to pay for this cost, which could be between $20-200. Some rotation sites may also require you to repeat the TB test and/or any other immunizations, which may cost between $15-150.**
9. Upon acceptance to the Internship Program, 10 percent of your tuition ($650) is required prior to the start of the program to

secure your position (this is nonrefundable if you decide not to continue with the internship).

10. Students are required and responsible for becoming a member of the Academy of Nutrition and Dietetics, the fee is $50.
11. Registered Dietitian Exam Review course average between $350-450.

Admission Requirements and Computer Matching

Note: The application package should include the original letters of reference and two copies of the sealed official transcripts. Other materials may be submitted as photocopies. For application deadline, please refer to the cover letter. Life University will NOT return any or all parts of the application package submitted. All required documents must be in one package, do not send individual documents, you will be disqualified for not following the directions for the completion of the application and required documentations.

1. Completion of the course work required for a Didactic Program in Dietetics (DP), which is accredited by the ACED of the Academy of Nutrition and Dietetics and having completed a Bachelor of Science Degree (transcripts must indicate B.S. Degree Completed).

   *If any applicants have graduated more than three years ago, they must take the following courses prior to the start of the Internship Program at Life University:

   - NTR 306 Advanced Nutrition
   - NTR 309 Assessment, Interviewing and Counseling
   - NTR 311 Foodservice Operations
   - NTR 401 Nutrition Therapy I
   - NTR 402 Nutrition Therapy II
   - NTR 413 Nutrition Therapy III

2. When you send in your application, you must include proof of taking these course or equivalent courses and must be completed by the start of the Internship Program.

   *If you are sending a Declaration of Intent with your application, you must provide your Verification Statement before the internship starts. If the Verification Statement is dated prior to 1987, you must provide a Verification Statement indicating that you have completed current DP requirements (dated after 1987). The program director's signature must be in an ink color other than black to distinguish an original from a photocopy.

   Verification Statement or Declaration of Intent
   *issued by the Program Director of the school.

3. Grade point average in regard to completion of the academic requirements.
   - Overall GPA of 3.0
   - Science GPA of 3.0
   - Nutrition GPA of 3.25
4. Three written reference letters – two academic and one from work supervisor or personal colleagues.
5. Two-page personal cover letter stating your goals, objectives, areas of interest, hobbies and expectations of the internship program.
6. Two copies of all official final transcripts (if you have not completed the B.S. Degree at the time of sending in the application, you must bring two copies of the official transcripts on the first day of the Internship Program.
7. Computer matching
8. Foreign students who would like to transfer credits from other accredited universities in their country must have translation of their transcripts by the following institution:

Global Education Group, Inc.
18851 NE 29 Avenue, Suite 104-A
Aventura, FL 33180 USA
Phone: (305) 534-8745
Fax: (305) 534-3487
www.globaledu.com/evaluation_apply_for_evaluation.html

OR

Josef Silny & Associates
International Education Consultants
7101 SW 102nd Avenue
Miami, FL 3173 USA
Phone : (305) 273-1616
Fax : (305) 273-1338 or 273-1984
info@jsilny.com
www.jsilny.com

OR

World Education Services, Inc. (WES)
Bowling Green Station
P.O. Box 5087
New York, NY 10274-8057 USA
Phone: (212) 966-6311
Fax: (212) 966-6100
info@wes.org

International Student Rules, Regulations & Procedures

It is the responsibility of the international student to maintain lawful immigration status. The student is responsible for fully and properly complying with all laws and regulations of the United States, the State of Georgia and local governments.

In order to maintain lawful F-1 status, please adhere to the following policies:

- **Current Address**: International Students MUST NOTIFY the Enrollment Office and the Registrar's Office within 10 days of your move. **Failure to report address change within 10 days will result in failure to maintain status.**
- **Documents:** Maintain a valid I-20. To determine validity, look in section 5, where it says "complete studies no later than (date)." The date must not expire. It is the students' responsibility to ensure that their I-20s are valid at all times while studying in the United States. I-20's needed to be signed annually. Keep passport valid at all times. To renew passports that will expire while in the United States, visa-holders should contact their embassy or consulate in the U.S. for instructions. This process can take several months – start applying for a renewal six months before it expires. Students are also required to have visa and I-94 card.
- **Financial Statement:** Proof of finances to cover the cost of one year of studies. A financial statement must be valid for each program in which the student is enrolled.
- **Maintain full-time, degree seeking status:** DC and undergraduate students must take at least 12 credit hours each quarter. Master degree students must be enrolled in nine credit hours each quarter. DC and undergraduate students must maintain a 2.0 GPA and Master students must maintain a 3.0 GPA in order to be in status.
- **Distance learning and Transient Studies:** These courses are limited for F-1 students. They may only count a maximum of 1 course of Distance Learning toward their full course requirement. Audited courses do NOT count towards a full course requirement. International students who would like to engage in transient studies need prior approval by the International Enrollment Specialist.
- **Annual Vacation:** Eligible students may take an annual vacation break after three consecutive quarters of study. There is ONLY one excused break per year. Students must maintain full-time status and a 2.0 GPA in order to be eligible for this

vacation. Students must consult with the International Enrollment Specialist for approval of annual vacation break. Students admitted to begin a program in the summer MUST enroll full-time during the summer of admission.

- **Program Extensions:** These must be approved by your Academic Advisor and the International Enrollment Specialist.
- **Exceptions to full course of study:** A reduced course load must first be approved by the International Enrollment Specialist. Only the following reasons are acceptable by the U.S. Government:
  1. Must cancel or withdraw due to improper course level placement **(supporting letter from academic advisor required. One quarter only)**
  2. Initial difficulty with the English language and/or with reading requirements **(supporting memo from academic advisor required. First quarter only)**
  3. Unfamiliarity with U.S. teaching methods or reading requirements **(supporting letter from academic advisor required. First quarter only)**
  4. **Medical Conditions (a letter must be received by a U.S. doctor. RCL may not exceed 12 months)**

     Student is in the final term of study.
  5. **Employment:**

     F-1 students are **ONLY** eligible for part time, **20 hours or less** of **ON CAMPUS** employment.

While on annual vacation break, F-1 students can work more than 20 hours per week but must be approved by Life University's HR department.

Social Security numbers are only obtained after a job is found on campus. For forms and additional information, please visit: www.ssa.gov.

All students must contact the International Enrollment Specialist and Human Resources to receive work authorization before accepting employment. It is illegal to work without proper authorization.

F-1 students cannot work OFF CAMPUS.

Personal/Telephone Interview

This is a deadline for submitting your application to Life University (applications must be postmarked no later than that date posted). Based on assessment of your application, you may be selected for the interview (personal or telephone) phase of the selection process.

Computer Matching

All applicants to Internship Programs in Nutrition and Dietetics and most Pre-professional Practice Programs (AP4) must participate in computer matching. Applicants should request instructions and a mark/sense card to prioritize their DI or AP4 preferences. Applicants should request this material from any AND approved Didactic Program in Dietetics or from D&D Digital Systems. This request should be made to allow turnaround time for submitting by the D&D Digital Systems postmark deadline. There is no charge for this material; however, there is a $50.00 charge for computer matching that is due with the applicant's prioritized ranking.

Life University's program code is 210 when completing the sense/mark card.

Address requests to:
D&D Digital Systems email: dnd@netins.net
304 Main Street, Suite 301
Ames, IA 50010

Selection Criteria

The selection process will be a two-phase process for the 12 slots. The initial phase will be based on the assessment of admission requirements 1 through 7. Personal/telephone interviews may be scheduled. The final phase will be based on assessment of

admission requirements 1 through 8. The names of the applicants selected during the final phase will be sent to D&D Digital Systems for computer matching. Computer literacy, volunteer and extracurricular activities are also considered in selecting students.

For more detailed information and current due dates, please refer to the Dietetic Internship Program Handbook, which is located on the Life University website (www.LIFE.edu) under the Department of Nutrition.

Internship Program Curriculum Description

The Internship Program at Life University encompasses 41 weeks/1640 hours of didactic (360 hours) and supervised practice experience (1200 hours). They are as follows:

ORIENTATION: One week of general orientation to become familiar with University, department and program policies and procedures (40 hours Didactic Review).

CLASSROOM REVIEW: Three weeks of classroom review of Community Nutrition, Food Service, Nutrition Education, Nutrition and Physical Performance, Health and Disease, Nutritional Assessment, Counseling, and Physical Assessment (120 hours Didactic Review).

FOODSERVICE/MANAGEMENT: Six weeks of exposure to different areas of management (such as purchasing and production). All of the management rotation components must be successfully completed with a score of 85 percent or above before the next rotation can begin (224 hours Supervised Practice).

EDUCATION/COMMUNITY: Three weeks of exposure to different areas of education (such as geriatric, AIDS patients, pediatric, pregnancy, endocrinology, and general medicine). All of the education/community rotation components must be successfully completed with a score of 85 percent or above before the next rotation can begin. One week of staff relief or project to show transition from lower to higher level competency achievement (112 hours Supervised Practice).

WELLNESS: Three weeks of exposure to Wellness Nutrition such as assessing and counseling nutritional status and fitness level of the clients. All wellness rotation components must be successfully completed with a score of 85 percent or above before graduating from the internship program (112 hours Supervised Practice).

RESEARCH: Up to forty hours of research activities will be completed during Mondays, to provide comprehensive insight into preparing a research proposal and optional submission of the proposal to the Institutional Review Board. For this rotation interns must complete a two credit hour course NTR 470 Nutrition Research I and NTR 471 Nutrition Research II (optional). This course must be completed by one month prior to the end of the internship program, and there will be time allowed for completion of this program during the internship program (40 hours Online/Home Assignments).

DIDACTIC/CLASSROOM REVIEW FOR NUTRITION SUPPORT PEDIATRIC: Two weeks exposure to medical nutrition therapy and nutrition support for adult/pediatric populations via lecture/simulation workshop (80 hours Didactic Review).

CLINICAL: Fifteen weeks exposure to different areas of clinical (such as general medicine, pediatric, renal, mental health, geriatric and nutrition support). All of the clinical rotation components must be successfully completed with a score of 85 percent or above before graduating from the internship program (560 hours Supervised Practice).

INTERN'S SPECIAL INTEREST: Five weeks of in-depth exposure to areas of self-interest. All self-interest rotation components must be successfully completed with a score of 85 percent or above before graduating from the internship program (192 hours Supervised Practice).

CAREER WEEK: One week of employment guidance and professional development activities, such as resume writing, interviewing and professional portfolio management (40 hours Didactic Review).

VACATION: Thanksgiving, Christmas, New Years, Martin Luther King Jr., Spring Break, Memorial Day and any official holidays will be used as vacation.

The didactic component of the program includes the following:

Orientation	1 week (40 hours Didactic)
Didactic	3 weeks (120 hours Didactic)
Didactic/Classroom Review for Nutrition Support/Pediatric	2 weeks (80 hours Didactic)

Career Week	1 week (40 hours Didactic)
Didactic Day on 1st Monday of each Orientation	2 weeks (80 hours Didactic)
Total	**9 weeks (360 hours total)**

During these seven weeks, the interns will be on the Life University campus five days a week for eight hours per day, which totals 280 hours (seven weeks x 40 hours per week).

The supervised practice component of the program includes the following:

Clinical	**15 weeks**
Long Term Care	3 weeks (112 hours of sup. practice)
Renal	3 weeks (112 hours of sup. practice)
Inpatient	3 weeks (112 hours of sup. practice)
Nutrition Support	3 weeks (112 hours of sup. practice)
Mental Health	3 weeks (112 hours of sup. practice)
Community	**9 weeks**
Community	3 weeks (112 hours of sup. practice)
Wellness	3 weeks (112 hours of sup. practice)
Other	3 weeks (112 hours of sup. practice)
Foodservice/Management/Marketing	**3 weeks** (112 hours of sup. practice)
Self Interest	**5 weeks** (192 hours of sup. practice)
Total	**32 weeks (1200 hours of sup. practice)**

The first Monday of each rotation (10 rotations x 8=80) the interns are required to be on the Life University campus. They will participate in discussion, assessment and evaluation of the supervised practice rotation to attend NTR 210 Nutrition Seminar to make presentations of case studies and to be provided with additional didactic information. They also work on completing the research part of the curriculum, NTR 470 Nutrition Research I and NTR 471 Research II (optional), which is up to 40 hours. The dietetic interns will be in supervised practice rotation for the remainder of the three weeks (112 hours/rotation) and special interest for five weeks (192 hours)

Undergraduate Course Descriptions

Textbook information for required and supplemental materials for all courses can be found at the Life University Bookstore link: http://www.cbamatthews.com/life/.

ACT 201 Principles of Accounting I **(5-0-5)**
(Prerequisite: MAT 100/101 or MAT 102/103)
This course focuses on accounting concepts, principles and procedures related to financial accounting and financial statement preparation.

ACT 202 Principles of Accounting II **(5-0-5)**
(Prerequisite: ACT 201)
This course has a broadened scope, including cost and control accounting, and aids to management for decision-making purposes.

ATW 108 Athletic Wellness **(1-4 crs.)**
This course is designed to permit students to receive up to four credit hours for courses taken previously in basketball, golf, soccer, etc., commonly called "activity courses." Students in this course will demonstrate their skills and knowledge in a specific sport or activity designed to improve their overall athletic wellness. Students are permitted to use up to four credit hours of "activity coursework," toward their degree completion within the general elective category.

ATW 110 Racquetball **(0-2-1)**
This course will introduce the basics of racquetball shots and serves. The fundamental topics covered will include the basics of the game, tactics, scoring, rules and etiquette. Students will practice and acquire knowledge and skills necessary for participation as a physical fitness activity. Students are permitted to use up to four credit hours of "activity coursework," toward their degree completion within the general elective category.

ATW 112 Karate **(0-2-1)**
This course will introduce the basic principles of Okinawan Karate. The training includes instruction in technical skills, proper form, balance, coordination and control through the repetition of basic techniques and the practice of Kata (formal exercises which combine basic karate techniques). Students will participation and acquire knowledge and skills necessary for participation as a physical fitness activity. Students are permitted to use up to four credit hours of "activity coursework," toward their degree completion within the general elective category.

ATW 114 Strength Training **(0-2-1)**
This course introduces the basic techniques needed for developing muscular strength and endurance. Instruction will focus on the use of weight machines and free weights, safety and practices for strength training for fitness. Students will participate and acquired knowledge and skills necessary for participation as a physical fitness activity. Students are permitted to use up to four credit hours of "activity coursework," toward their degree completion within the general elective category.

ATW 116 Trail Running **(0-2-1)**
This course introduces fitness concepts and skills needed to design, implement and evaluate an individualized exercise plan through walking based upon fitness level. Walking techniques, practices and safety are covered so that the student has the knowledge and skills necessary to participate in fitness walking as a physical activity. Students are permitted to use up to four credit hours of "activity coursework," toward their degree completion within the general elective category.

ATW 120 Tennis and Conditioning **(0-4-2)**
This course will introduce the basics of tennis shots and serves and the conditioning necessary for game play. The fundamental topics covered will include the basics of the game, tactics, scoring, rules, and etiquette. Students will practice and acquire knowledge and skills necessary for participation as a physical fitness activity. Students are permitted to use up to four credit hours of "activity coursework," toward their degree completion within the general elective category.

ATW 122 Fitness Walking **(0-2-1)**
This course is designed as an "activity course" in "fitness walking." Students in this course will demonstrate their skills and knowledge in this specific sport or activity designed to improve their overall athletic wellness. Students are permitted to use up to four credit hours of "activity coursework," toward their degree completion within the general elective category.

BIO 101 Survey of Biology **(5-0-5)**
This course is designed to provide the non-science/non-allied health student with a general overview of basic biological principles and concepts. Emphasis will be placed on the nature of science, structure and function of cell membranes, basic chemistry, function of the human body and human genetics. May not be used as prerequisite biology for the Doctor of Chiropractic program or for science/biology majors.

BIO 103 Survey of Biodiversity **(5-0-5)**
This course exposes the non-science/non-allied health major to a general overview of basic biological principles and concepts at the organismal, population, community, and ecosystem levels. Emphasis will be placed on the nature of science, genetics, the diversity of living beings, their interactions with each other and the environment and their evolution. May not be used as prerequisite biology for the Doctor of Chiropractic program or for science/biology majors.

BIO 111 General Biology I ** **(4-2-5)**
This course provides an introduction to fundamental concepts of biology with emphasis on the basic unit of life, the cell. Topics addressed include the origin, structure and diversity of cells and living systems; the molecular basis of life, cell function and energetics; cell reproduction and classical genetics. Required for students continuing in bioscience/health curricula.

BIO 112 General Biology II ** **(4-2-5)**
(Prerequisite: BIO 111 or equivalent)
This course is a continuation of BIO 111, applying the principles learned to the function and structure of the animal body, with particular emphasis on vertebrates. Topics addressed include nucleic acids; enzymes and metabolism; photosynthesis; cell

respiration, catabolism and nutrition; vertebrate embryology; the differentiation of vertebrate cells, tissues and organs; and a survey of the Animal Kingdom. Required for students continuing in bioscience/health curricula.

BIO 201 Anatomy and Physiology I **(4-2-5)**
(Prerequisites: BIO 111 and CHM 112)
This course is the study of human anatomy and physiological principles with an emphasis on function and some clinical applications. Four hours of lecture and two hours of lab will provide an overview of the relationship between human anatomy and regulation of organ system function. Topics will include: Basic anatomy terminology, introduction to cell biology, basic histology, the integumentary system, muscular system, joints, the fundamentals of the nervous system, the central nervous system, the peripheral nervous system, the autonomic nervous system, the special senses and the endocrine system.

BIO 203 Anatomy and Physiology II **(4-2-5)**
(Prerequisite: BIO 201)
This course is a study of human anatomy and physiological principles with an emphasis on function and some clinical applications. Four hours of lecture and two hours of lab will provide an overview of the relationship between human anatomy and regulation of the organ system function. Topics will include: Blood, the cardiovascular system, the lymphatic system, the immune system, the respiratory system, the urinary system, fluid electrolyte and acid base balance, the digestive system, nutrition and metabolism.

BIO 302 Embryology **(2-0-2)**
(Prerequisite: BIO 112)
This course is designed to study the development of the human body from earliest embryonic to fetal stages. Tissues, organs and organ systems are emphasized. Teratology and genetic principles are included.

BIO 303 Histology **(4-0-4)**
(Prerequisite: BIO 112)
A course designed to study microscopic anatomy with specific emphasis on cell types and organization.

BIO 307 Osteology and Arthrology **(2-2-3)**
(Prerequisite: BIO 112)
This introductory course is designed to study the bony markings and joints of the human skeleton, relating them to the areas of the body that can be palpated or viewed on radiographs.

BIO 312 Cell Biology **(5-0-5)**
(Prerequisites: BIO 112 or equivalent and CHM 112)
This course is an exploration of the structure and function of cells at the molecular level. Topics include cell ultra-structure in relation to function, membrane structure and transport, catabolism and cell respiration, anabolism and photosynthesis, and energy exchange at the cellular level. This is a required core course for all departmental majors.

BIO 315 Principles of Ecology **(5-0-5)**
(Prerequisite: BIO 112 or equivalent)
This course is an overview of the relationships between organisms and their abiotic and biotic environments. The processes and properties of populations, communities and ecosystems will be emphasized. The role and influence of humans on natural systems will also be considered. Students are required to give a classroom presentation on a recent topic of ecological interest, to be approved by the instructor. This is a required core course for all departmental majors.

BIO 316 Principles of Genetics **(5-0-5)**
(Prerequisites: BIO 112 or equivalent and CHM 112)
This course examines the transmission, structure, function, regulation and mutation of the hereditary material of viruses, prokaryotes and eukaryotes. The course concludes with a consideration of the effects of selection, mutation, generation time and population size on the genetics of populations. This is a required core course for all departmental majors.

BIO 322 Biology Seminar **(2-0-2)**
(Prerequisites: ENG 101 and BIO 112 with grade "C" or better)
Students give oral and written presentations which examine a biological topic in considerable depth. Oral presentations will be critiqued by both instructor and classmates, while a comprehensive technical paper will be evaluated by the instructor.

BIO 335 Vertebrate Physiology **(4-2-5)**
(Prerequisites: BIO 201 and 203)
This course is a study of the homeostatic mechanisms of the vertebrate body, with emphasis on humans. The cardiovascular, renal, digestive and respiratory systems will be emphasized. Functional aspects of the musculoskeletal and neural systems will also be considered. This course or its equivalent is a required core course for all departmental majors.

BIO 336 Vertebrate Biology **(4-2-5)**
(Prerequisite: NIO 112)
This course will investigate the diversity of vertebrates. Students will be exposed to characteristics that define each vertebrate taxa and how those traits are related to the evolutionary history of vertebrates. Principles of systematic biology, factors governing vertebrate distribution, methods used by vertebrates to solve environmental problems, inter and intraspecific interactions, reproduction, life history and the conservation biology of vertebrates will be covered throughout the course.

BIO 401 Anatomy and Physiology **(4-0-4)**
(Prerequisite: BIO 112)
An introductory overview of the structure and function of the human body. Emphasis is placed on the interrelationships between form and function at the gross and microscopic levels in tissues, organs and organ systems.

BIO 407 Spinal Anatomy **(2-0-2)**
(Prerequisites: BIO 302, 1501, 1507)
This course provides the foundation for practical application of spinal adjusting techniques by presenting the students with a working knowledge of anatomy and physiology of the spine and its supportive structures.

BIO 410 Cell, Neural and Muscle Physiology **(5-0-5)**
(Prerequisites: BIO 335 and CHM 315)
This course provides the study of the functional basis of the nervous and muscle systems at the cellular, tissue and organismal levels. Includes electrophysiology, synaptic transmission, sensory and motor functions, functional organization of the nervous system and neural control of muscle function.

BIO 415 Basic Public Health **(2-0-2)**
This course gives students a fundamental understanding of the impact and workings of the United States Public Health System on the local, state, federal and private levels. The scope of public health, how it is organized and coverage of important current topics, such as Healthy People 2010 and specific public health responsibilities of the healthcare practitioner, are discussed. Attention to selected acute and chronic diseases and controversial Public Health Issues of impact to the U.S. population will be addressed.

BIO 425 Visceral Physiology **(6-0-6)**
(Prerequisites: BIO 312, BIO 335 or BIO 1501)
A physiological study of the normal and stress functions of the cardiovascular, renal, digestive and respiratory systems.

BIO 431 Microbiology I **(4-2-5)**
(Prerequisite: CHM 315)
This course is designed to present fundamental concepts of general pathogenic bacteriology including the morphology, physiology, identification and control of bacteria. Major emphasis is given to host/parasite relationships as related to immunology and resistance to disease.

BIO 433 Microbiology II **(3-0-3)**
(Prerequisite: BIO 431)
This course examines the clinical manifestations, epidemiology and host/parasite relations of viruses, pathogenic fungi, protozoa and worms.

BIO 435 Physiology Laboratory **(1-4-3)**
(Prerequisite: BIO 303)
Laboratory exercises provide students with hands on experience testing activities that alter cardiovascular, respiratory and muscle functions. Students learn how to measure and interpret data from ECG's, EMG's, Respirometers and other instruments. This course applies, reinforces and extends knowledge learned in BIO 335 410 and 1535.

BIO 437 Immunology and Disease Patterns **(3-0-3)**
(Prerequisites: BIO 431, CHM 316)
The components of the immune system and their functions are reviewed with the emphasis on the role of the immune system in defense against infection and immunological diseases. The possible roles of chiropractic effects on resistance and susceptibility are considered.

BIO 441 Pathology I **(4-0-4)**
(Prerequisites: BIO 431, 1515)
The course is designed to present generalized descriptions of cell/tissue/organ/system changes due to various causes, such as acute and chronic diseases of infectious and non-infectious origins.

BIO 442 Pathology II **(3-2-4)**
(Prerequisite: BIO 441)
A course that stresses the pathobiology, clinical manifestations, structural and physiological consequences of disease. An emphasis is given to laboratory study of systemic pathology in which morphological and clinical characteristics associated with disease entities are observed.

BIO 445 Endocrinology **(4-0-4)**
(Prerequisites: BIO 335, 410, CHM 315)
A study of the actions of hormones on all body functions, with an emphasis on the neuro-endocrine control of hormone secretion and its potential relationship to chiropractic care. The course includes both the physiological and biochemical ramifications of hormone actions in regulating metabolism, growth, reproduction and neural function. Pathophysiological effects of abnormal hormone levels are considered.

BIO 515 Musculoskeletal Gross Anatomy **(2-4-4)**
(Prerequisites: BIO 302, 1501, 1507)
This course is an in-depth regional study of the anatomy and embryology of the back and extremities based on lecture and laboratory dissection with emphasis on the peripheral nerve plexi and pathways.

BIO 525 Visceral Gross Anatomy **(2-4-4)**
(Prerequisites: BIO 302, 1501, 1507)
This course is an in-depth regional study of the anatomy and embryology of thorax, abdomen and pelvis and perineum based on lectures and laboratory dissection. Peripheral nerve pathways to the viscera are stressed.

BIO 526 Head and Neck Gross Anatomy **(2-4-4)**
(Prerequisite: BIO 1625)
This course is an in-depth regional study of the anatomy and embryology of the head and neck, based on lectures and laboratory dissection with emphasis on the peripheral nervous system, both cranial and spinal.

BIO 546 Neuroanatomy CNS **(3-2-4)**
(Prerequisites: BIO 410, 2626)
A course designed to study the central nervous system anatomy and its function.

BIO 547 Neuroanatomy PNS **(3-2-4)**
(Prerequisite: BIO 2646)
A course designed to review the integration of the peripheral nervous system with other organ systems. All anatomy courses are reviewed.

BSN 101 Introduction to Business **(5-0-5)**
This course presents an overview of a business enterprise, the service provided, how it is organized and some of the management concerns as they apply to everyday operation and control procedures. Case studies of various business enterprises are used to provide students with practice in the analytic process for a variety of different business and management styles.

BSN 201 Ethics & Corporate Social Responsibility **(5-0-5)**
(Prerequisite: BSN 101)
This course focuses on the concepts of social responsibility and business ethics. The course addresses how management makes

ethical decisions; the relationship between self-regulation and government regulation; and a business' responsibilities to its various constituencies; the general public; customers; company personnel; investors; and financial community.

BSN 270 Diversity in Organizations **(5-0-5)**
Diversity in organizations will provide the student with a comprehensive source of information about diversity issues relevant to work, workers and organizations. This course combines research from management, sociology, psychology and other disciplines pertinent to diversity in organizations into one cohesive, understandable, engaging and thought provoking whole. Diversity in organizations is relevant to everyone's educational and employment experiences, regardless of their primary field of study or chosen career path.

BSN 301 Business Law **(5-0-5)**
(Prerequisite: BSN 101)
This course is an introduction to the legal environment of business. The course covers the United States legal system, sources of laws, government regulation of business, types of business organizations, contracts, E-commerce, ethics and torts. Emphasis will be upon having students gain sufficient knowledge so that many of the pitfalls of operating or starting a business can be avoided.

CHM 111 General Chemistry I ** **(4-2-5)**
(Prerequisite: MAT 101 or equivalent)
This course is an introduction to the fundamental laws and theories of chemistry. Content includes basic measurements, density, specific gravity, matter, mole concept, energy, atomic theory, atomic number, isotopes, structure of the atom, ion formation, chemical equations, oxidation and reduction, chemical bonding, covalent bonds, molecules, intermolecular dipole forces and hydrogen bonding, and formula weights.

CHM 112 General Chemistry II ** **(4-2-5)**
(Prerequisite: CHM 111 or equivalent)
This is the second in the general chemistry series which includes discussions on solutions, mole concept, equivalents, titrations, reactions dynamics, kinetic molecular theory, concentration and rate law, catalysis, equilibrium, true solutions, suspensions and colloidal dispersions, dialysis, osmosis, acid-base systems and buffers.

CHM 113 General Chemistry III for Pre-Professionals **(2.5-1-3)**
(Prerequisite: CHM 112 or equivalent)
This is the third in the general chemistry series with lab which includes solubility equilibria, entrophy, free energy, electrochemistry, metallurgy and the chemistry of metals, transition metal chemistry and coordination compounds, and nuclear chemistry.

CHM 211 Organic Chemistry I ** **(4-2-5)**
(Prerequisite: CHM 112 or equivalent)
This first course on the chemistry of carbon includes structure and properties of matter, bond dissociation energy, homolysis and heterolysis, polarity of molecules, hydrocarbons, mechanism of chlorination, free radicals, energy of activation, qualitative and quantitative elemental analysis, alkanes, free radical substitution, classification by structure and nomenclature, alkyl groups, orientation of halogenation, orientation and reactivity, stereochemistry, alkenes, alkynes and dienes, alkyl halides, alicyclic hydrocarbons, benzene, and electrophilic aromatic substitution.

CHM 212 Organic Chemistry II ** **(4-2-5)**
(Prerequisite: CHM 211)
This course, a sequel to CHM 211, continues to introduce the principles of organic compounds. Content includes spectroscopy, alkyl halides, alcohols, ethers, carboxylic acids, aldehydes and ketones, amines, heterocyclic compounds and macromolecules.

CHM 213 Organic Chemistry III ** **(2.5-1-3)**
(Prerequisite: CHM 212)
This course will serve as a continuation of Organic Chemistry II with lab, with an emphasis on chemistry in bio-molecules. Included in the coverage will be the following topics: carboxylic acids and carboxylic acid derivatives; and amines: phenols, carbohydrates, amino acids, peptides and proteins. The course will fulfill Organic Chemistry requirements for students seeking admission into medical, dental, veterinary, nursing, pharmacy and other health-related fields.

CHM 315 Biochemistry I **(5-0-5)**
(Prerequisites: CHM 212 and BIO 112)
This is an introductory course covering structural and functional relationships of biomolecules and pathways of energy metabolism.

CHM 316 Biochemistry II **(5-0-5)**
(Prerequisite: CHM 315)
This course is a continuation of CHM 311 and is designed to give the student a broad understanding of the dynamics of carbohydrate, fat, protein and nucleic acid metabolism.

CHN 111 Mandarin Chinese I **(5-0-5)**
(Prerequisites: TSE 099 and TSR 099 if required)
This course is designed for students who possess little or no Chinese language background. The goal of this course is to lay groundwork for the study of modern Chinese. This course will focus on the Chinese Pinyin romanization system, Chinese characters, and the development of language skills in aurally understanding, speaking, reading, and writing.

CHN 112 Mandarin Chinese II **(5-0-5)**
(Prerequisite: One year of high school Mandarin Chinese or CHN 111 or the equivalent)
The purpose of this course is to continue to lay groundwork for the study of modern Chinese. This course will focus on the easily confused sounds in Chinese pronunciation and continue the study of sentence patterns, expressions and Chinese characters in daily life context.

CIM 101 Introduction to Computers **(5-0-5)**
The computer literacy course is designed to acquaint students with practical computer skills, including the word processing, database and spreadsheet applications used commonly in professional contexts. The student will be introduced to academic Internet resources, multimedia techniques, personal data security and basic computer science.

CIM 201 Programming I – Visual Basic **(5-0-5)**
(Prerequisite: CIM 101)
This course is designed to introduce the student to computer programming. Areas of emphasis will include: The Program Development Cycle and it's components of Analysis, Design, Coding, Testing, Debugging and Documentation; Fundamentals of good programming practice; Variables, Interfaces, Use of Arrays, Sequential Files and Object logic. Visual Basic will be the primary introductory language for the course.

CIM 204 Programming IV – Adv. VB **(5-0-5)**
(Prerequisite: CIM 201)
This course is designed to train the student to program in the VISUAL BASIC language. It adds to the skills learned in the CIM-201 class. Areas of emphasis will include: The Program Development Cycle and its components of Analysis, Design, Coding, Testing, Debugging and Documentation; Fundamentals of good programming practice; and use of Arrays, Sequential Files and Random-Access Files. Emphasis will be placed on programming in a user's Window interface controls, objects, images and data structures.

CIM 205 Business Computer Applications **(5-0-5)**
(Prerequisite: CIM 101)
This course is a brief study of business computers and their valuable contribution to the business process. A major portion of the course will be devoted to study and hands-on experience with microcomputers in a variety of business areas.

CIM 230 CIM Seminars **(5-0-5)**
(Prerequisite: CIM 101)
This course is composed of guest lecturers, field trips or general discussions on current events in the computer information management field.

CIM 250 Operating Systems **(5-0-5)**
(Prerequisite: CIM 201)
This course is designed to familiarize students with multiple operating systems architecture and to give them practical overview and experience in system installation and modification. Essential operating systems commands, maintenance and configuration will be covered to support business needs.

CIM 301 Java Programming **(5-0-5)**
(Prerequisites: CIM 101; MAT 101 – min grade C)
This course is designed to familiarize the student with the programming process in Java. Areas of emphasis will include Java syntax, input and output, control logic, methods, object-oriented design, Swing Class graphical user interface, error handling and use of a graphical programming environment.

CIM 302 C# Programming **(5-0-5)**
(Prerequisites: CIM 201 or CIM 301)
This course is a general introduction to the "C#" programming language. Students will apply all the basic syntax. This course includes how to compile, run and build applications. Students will learn the advantages and disadvantages of the C# programming language. Students will use C# to build simple user applications that follow object-based programming with GUI. Topics include: C# Syntax, Input and Output, Control Structure, Building Methods, Arrays and References, Object-based Programming, Encapsulation, Inheritance, Polymorphism, Graphical User Interface Concepts and Exception Handling.

CIM 304 Business Application Development **(5-0-5)**
(Prerequisites: CIM 201 or CIM 301 or Dept. Approval)
Design and implement a specific business application utilizing an approved programming language using formal development techniques.

CIM 305 Management Information Systems **(5-0-5)**
(Prerequisite: CIM 101)
The Management Information Systems (MIS) field is concerned with the science and practice of using and selection of MIS systems to be used in industry and business. MIS will be explored as it is used in decision support systems and business data tracking systems to support business processes.

CIM 310 Data Communication and Networking **(5-0-5)**
(Prerequisites: CIM 101; MAT 101)
The student will be provided an overview of Data Communications and Networks used in business. Networking essentials and emerging technologies will be addressed. An overview of local area networks, their topologies and protocols will be taught. Lab simulations are included on network design, configuration, maintenance and security.

CIM 320 Health Information Management **(5-0-5)**
(Prerequisite: CIM 101)
This course examines healthcare organizations from the perspective of managing data and information systems. Students will identify healthcare processes with information systems as the main focus. The goal of the course is to identify key issues enabling the management of healthcare systems today so that both information management professionals and healthcare professionals can be effective in such systems. Specific federal regulations, vendor options, databases, security and Cloud-based tools will be discussed. Hands-on software skills in data analytics will be included. Alternative health record requirements, including those for mental health centers, chiropractic and long-term facilities will be explored.

CIM 330 Database Design **(5-0-5)**
(Prerequisite: MAT 101)
This course in Database Design introduces students to current and relational database structures. Skills taught will enable to design of databases using constraints, normalization, queries, and SQL. The main emphasis is on using databases to solve business problems.

CIM 350 Multi-Media Business for Individual & Business Communication **(5-0-5)**
(Prerequisite: CIM 101)
A hands-on course in the development of multi-media business presentations. Students design and author presentations based on clients' needs. Skills explored will include digital imaging, audio/video editing, and 3-D modeling.

CIM 355 Web Design & Programming **(5-0-5)**
(Prerequisite: CIM 101)
A hands-on course in the development of business level web pages. Students design and code websites based on client needs. This course will survey the latest activities in the fast moving and changing e-commerce Web market place. Development skills will include design software, HTML, CSS, XML and web server use.

CIM 370 Software Project Management **(5-0-5)**
(Prerequisites: MAT 101; CIM 201 or CIM 301)
This course teaches proven planning procedures, leading toward the successful management of a software project. The student will use the development process to learn how to manage software activities by using proper controls and then tracking their progress. Quality testing, risk assessment, task estimation, resource management and priority management are covered to prepare the student for managing their own software projects.

CIM 405 Decision Support and Expert Systems **(5-0-5)**
(Prerequisite: CIM 305)
The student will learn current tools and techniques available to support managerial decision-making. Analysis and practice in the building and use of decision support systems and expert/knowledge-based systems will be discussed. The student will have hands-on experience in the use of decision support systems such as spreadsheets.

CIM 410 System Analysis & Design **(5-0-5)**
(Prerequisite: CIM 305)
A project-based introduction to the principles of business information systems design, including the System Development Lifecycle method and procedures involved in requirements assessment, planning, UML modeling and controlling the development and modification of a computer-based information system in an organization.

CIM 441-445 CIM Internship **(1 to 5*)**
(Prerequisites: CIM 101, 201, 305, Dept. Approval)
This course is designed to provide students with community based learning experience in the field of Computer Information Management or directed studies. To register, the student must obtain prior written approval from the Department Head of Business. *(Credits are determined according to the following: four hours worked equals one credit, six hours worked equals two credits, eight hours worked equals three credits, 10 hours worked equals four credits, 12 hours worked equals five credits.) Up to 15 credits may be taken in this category.

CIM 450 Senior CIM Project I **(5-0-5)**
(Prerequisites: CIM 410 & Instructor Approval, CIM 205, CIM 330)
Students will be assigned or personally develop a CIM project as their senior project. It may include, but is not limited to, systems analysis and design, data communication design, database design and/or management of a CIM project or programming effort. The project must be pre-approved by the CIM faculty and Department of Business department head.

CIM 451 Senior CIM Project II **(5-0-5)**
(Prerequisite: Instructor Approval)
This course is designed to give the motivated student an additional chance to demonstrate their ability to integrate the CIM curriculum by seeking an IT certification approved by the department within the student's chosen area of specialization.

CPH 605 History of Chiropractic **(2-0-2)**
Students are introduced to the highlights of the chiropractic profession from its inception in 1895 to the present time. Major names, dates, places and figures are discussed. Also, the growth and development of national organizations and various schools are explored. The specific purpose and direction of Life University is explained. In addition, many aspects of the philosophy of natural health and healing are explained and discussed.

DTR 511 Dietetic Internship **(total 32 crs.)**
The Dietetic Internship at Life University is designated as a 32 credit hour, nine-month (1480 hours during 37 week), non-degree, post-baccalaureate program that provides interns with necessary knowledge and skills to be eligible to sit for the national registration exam for dietitians and to pursue a variety of career opportunities in the field of dietetics. Up to twelve interns can be admitted to the program, which starts the end of August and is completed by the end of May of the next year.

ECO 201 Principles of Microeconomics **(5-0-5)**
(Prerequisites: BSN 101, MAT 101)
Analysis of price and output determination under various market structures, income distribution, resource allocation, domestic problems and international trade are included in this course.

ECO 202 Principles of Macroeconomics **(5-0-5)**
(Prerequisites: BSN 101, MAT 101)
This course provides an analysis of social-economic goals, money and credit systems, theories of national income, employment, and economic growth.

ENG 101 English Composition I **(5-0-5)**
(Prerequisites: TSE 099, TOEFL or placement test)
This course stresses the fundamentals of clear writing with emphasis on content, coherence and various organizational strategies. Emphasis is also placed on revision and careful proofreading of finished work. Multiple essays, parallel readings and a short documented essay are required. Grade of 'C' or better required to pass. This course also is offered with an "English-as-a-second-language" section.

ENG 102 English Composition II **(5-0-5)**
(Prerequisite: ENG 101)
This course is a continuation of English 101 and is primarily a composition course. Students will write essays based upon readings from an anthology, which will introduce the short story, poetry and drama. In addition, students will write a longer research paper. Grade of 'C' or better required to pass. This course also is offered with an "English-as-a-second-language" section.

ENG 110 Fiction Writing **(2-0-2)**
(Prerequisite: ENG 101)
A workshop on fiction writing, including a review of story elements and narrative techniques. Students will submit three short stories or selected pieces from a longer work.

ENG 111 Poetry Writing **(2-0-2)**
(Prerequisite: ENG 101)
A workshop in poetry writing, including a discussion of the literary elements and techniques. Students will submit a series of five short poems, complete writing exercises in class, and respond to the work of their peers.

ENG 112 Screenwriting **(2-0-2)**
(Prerequisite: ENG 101)
A workshop in screenwriting, including a discussion of dramatic elements and techniques. Students will compose three short scenes, complete writing exercises in and out of class and participate in readings and discussions.

ENG 121 Public Speaking **(1-2-2)**
An introduction to the process of speechmaking. Students will learn planning, organizing and presentation skills. Listening skills will also be emphasized. In this course students are given practical experience in the development and presentation of patient communication. Includes two hours of lab per week.

ENG 131 Workplace Communications **(5-0-5)**
(Prerequisite: ENG 101)
This course is an introduction to the process of verbal and nonverbal communication. Students will learn methods of establishing rapport and developing relationships in both their personal lives and in business, with emphasis placed on enhancement of listening, speaking and writing skills. Students will write letters, memos, reports and proposals and will give oral presentations.

ENG 201 Survey of American Literature **(5-0-5)**
(Prerequisite: ENG 101)
This course is an examination, in historical context, of selected American authors and their works, with emphasis placed on major writers of the 19th and 20th Centuries.

ENG 202 Survey of British Literature **(5-0-5)**
(Prerequisite: ENG 101)
This course is an examination, in historical context, of selected British authors and their works from Beowulf to the present.

ENG 203 World Literature I **(5-0-5)**
(Prerequisite ENG 101)
This course is an examination, in historical and cultural context, of selected world authors and their works from the Classical Period through the Renaissance.

ENG 204 World Literature II **(5-0-5)**
(Prerequisite: ENG 101)
This course is an examination, in historical and cultural context, of selected world authors and their works from the 17th Century to the present.

ENG 205 Survey of Eastern Literature **(5-0-5)**
(Prerequisite: ENG 101)
An examination of classic works of Eastern Literature.

ENG 210 Studies in Mystery Fiction **(5-0-5)**
(Prerequisite: ENG 101)
The course will require students to read, write journal entries on and discuss works by some of the best-known writers of mystery fiction. The course will use the mystery — a genre of popular culture — to examine cultural attitudes and changes in these attitudes and various social issues and minority issues. Thus, the course will be useful in terms of stressing cultural diversity.

ENG 220 American Drama **(5-0-5)**
(Prerequisite: ENG 101)
This course is an examination of American drama from its origins to the present — with an emphasis on major 20th Century writers such as O'Neill, Hellman, Miller, Williams, Hansberry and Albee.

ENG 230 Introduction to Short Fiction **(5-0-5)**
(Prerequisite: ENG 101)
This course is an introduction to shorter works of fiction from the early novelty of the short story in America (Poe, Hawthorne, et al.) to its European counterparts (Maupassant, et al.), up to contemporary trends in American, British and Continental writing.

ENV 101 An Introduction to Meteorology and Weather **(5-0-5)**
This course is designed to provide an introduction to the study of weather. The specific principles behind a variety of everyday topics will be explained, including weather patterns, cloud formations and hurricane development. Topics will include: an introduction to the Earth's atmosphere, seasonal and daily temperature variability, atmospheric moisture and condensation, cloud formation, precipitation process, wind circulation, air masses and fronts, thunderstorms and hurricane development.

ENV 103 Introduction to Oceanography **(3-0-3)**
This introductory course focuses on the oceanic component of the Earth system with particular emphasis on the role of the ocean in Earth's geological, biological, chemical, physical and climatic cycles. This course includes a discussion of a number of interdisciplinary topics that are pertinent to current environmental awareness including El Nino, Global warming, The Carbon Cycle, the physical properties of sea water and sea ice, and tidal fluctuations. Also addressed will be the origin and evolution of marine basins, oceanic circulation and the ocean's role in climate control.

ENV 201 Geosystems **(4-2-5)**
This course will focus on the aspects of geology most relevant to human awareness and will be designed to introduce students to common topological structures and features of the earth's surface. It will also introduce the materials and processes from which these features are formed, as well as touch upon common geologic hazards. Pertinent (and practical) laboratory experiments and demonstrations will be included (i.e. identification of common minerals and rocks and methodology for construction of geologic maps).

ENV 300 Environmental Sciences and Sustainability **(3-4-5)**
(Prerequisite: BIO 112)
This course consists of a basic introduction to Earth's capacity to endure human consumption of natural resources and how human consumption of goods and nature's exploitation has profound consequences for nature's intricate and delicate balance and the future of human civilization. In this course, students will be introduced to major issues in Environmental Sciences and Sustainability (i.e. global warming, population growth, conservation and energy crisis). The main goal is to show students how

the natural habitat is affected by social and environmental conflicts, and how politics influences the outcome of this interaction. Students will be exposed to scientific method in the lab and will be taught to use environmental sciences to evaluate the impact of human activities on the natural habitat.

FIN 303 Principles of Finance **(5-0-5)**
(Prerequisite: ACT 202)
This introductory course is designed to develop knowledge of the basic concepts, principles and functions of managerial finance, with emphasis on working capital management, capital budgeting and capital structure strategies of the non-financial corporation.

FLM 101 Introduction to Classical Cinema **(5-0-5)**
This course will provide a basic introduction to classical domestic and foreign cinema from the silent era through the early 1960s. Emphasis will be placed on the stylistic and narrative techniques associated with major international movements in filmmaking.

FLM 102 World Cinema **(3-0-3)**
A continuation of Film 101, focusing on new developments in world cinema during the period 1960-2000.

FLM 103 Contemporary Cinema **(3-0-3)**
A discussion group surveying filmmakers and films of the past twenty years. Emphasis will be placed on recent movements, independent productions and regions with developing industries.

FRN 111 French I **(5-0-5)**
(Prerequisites: TSE 099 and TSR 099 if required)
This course is an introduction to listening, speaking, reading and writing in French and to the culture of French-speaking regions. Emphasis is on correct French pronunciation, basic conversation skills and reading texts within a limited vocabulary range. Not open to native speakers of French.

FRN 112 French II **(5-0-5)**
(Prerequisite: One year of high school French or FRN 111 or the equivalent)
This course will continue the listening, speaking, reading and writing in French with further study of the culture of French-speaking regions. Emphasis is on strengthening the reading, writing, speaking and listening skills of the beginning student. Not open to native speakers of French.

FYE 101 First Year Experience **(0-0-0)**
This course will cover topics of importance to new students at Life University. Students will be exposed to items such as time management, assessment of their own personal learning styles, the concept of wellness in their own lives, University resources and policies, as well as money management and the Eight Core Proficiencies.

FYE 103 First Year Experience **(0-0-0)**
(Prerequisite: FYE 101)
This course will cover topics of importance to students at Life University. Students will be exposed to items such as time management, assessment of their own personal learning styles, the concept of wellness in their own lives, university resources and policies, as well as money management and the Eight Core Proficiencie. FYE 103 is an extension of the FYE 101 program that introduces students to campus and its resources. New information is meant to build on skills learned in FYE 101.

HCM 301 Introduction to Health Care Management **(5-0-5)**
(Prerequisite: MGT 301)
The course introduces students to the healthcare system and all the components that are involved in the delivery of health care within the United States.

HCM 350 Health Care Ethics and Policy **(5-0-5)**
(Prerequisite: HCM 301 or NTR 300)
This course will review the role ethics and values play in the delivery of health care in this society, as well as in the determination of health policy within our society. The patient/provider relationship will be explored, quality of life issues discussed and medical and managerial ethical issues examined. In addition, healthcare policies on both a local and national level will be discussed.

HCM 401 Health Care Financing **(5-0-5)**
(Prerequisite: HCM 301)
This course discusses the various approaches and techniques utilized to finance the healthcare delivery system. Emphasis will be placed on the different methods in use throughout the U.S. to reimburse healthcare providers as well as the numerous healthcare reform proposals currently suggested. Students will discuss the effect of financing methods on the accessibility, quality and planning of healthcare services. Comparisons will be made between the U.S. healthcare system and it's counterparts in Canada, the United Kingdom and Germany.

HIS 101 World Civilization to 1500 **(5-0-5)**
This course is a survey of world civilization from the prehistoric origins of humankind to the dawn of the modern world in 1500. The emphasis of this course is on political, cultural, social, intellectual and economic institutions with the objective of developing a global perspective.

HIS 102 World Civilization since 1500 **(5-0-5)**
This course is a survey of the modern world examining the cross-cultural currents that accelerated the creation of a global village. The focus of this course are on the Age of Discovery, international trade, colonialism, imperialism, domestic reforms and retrenchment, industrialism, world wars, nationalism, and universalist political and economic ideologies.

HIS 110 World Geography **(5-0-5)**
This course is a survey of world geography and an intensive study of the relationship of human beings to the environment. Climate, topography and natural resources in various regions of the world are examined for their historical effect on the culture, economy and the welfare of population.

HIS 120 History of World Religions **(5-0-5)**
This class will introduce students to a number of religious traditions in their classical formulations and their contemporary practices. This introduction will provide students a framework within which to reflect on their own experiences, as well as prepare them for further academic study in both the humanities and social sciences. Traditions include indigenous practice, Hinduism, Buddhism, Chinese Mu, Judaism, Christianity, Islam and other faiths.

HIS 201 US History to 1877 **(5-0-5)**
This course is a survey of U.S. history including the English settlement of North America, independence, the U.S. Constitution, the ongoing debate over federal power versus state rights, liberty versus slavery, westward expansion, reform movements, sectional conflict, the Civil War and Reconstruction. The emphasis will be on the political, economic and social development of the United States with slavery and states rights as central themes in the "irrepressible conflict" between the North and the South.

HIS 202 US History since 1877 **(5-0-5)**
This course is a survey of U.S. history, including the closing of the West, industrialization, U.S. imperialism, activist presidents, Progressivism, World War I, The Depression, the New Deal, World War II, the Cold War, the Civil Rights Revolution, the Great Society, the loss of faith in the U.S. Government and the Reagan Revolution. The course deals with the underlying themes of race relations, social change, U.S. emergence as a world power and the expansion and contraction of power among presidents and the U.S. government.

HIS 211 African American History to 1877 **(3-0-3)**
This course is a survey of African American History. This class will discuss the political, social, economic, and psychological developments of African Americans from their discovery in Africa and arrival in America until 1877.

HIS 212 African American History since 1877 **(3-0-3)**
This course is a survey of African American History. This class will discuss the political, social, economic, and psychological developments of African Americans from 1877 until the present.

HIS 428 U.S. History since 1945 **(5-0-5)**
(Prerequisite: HIS 201 or 202)
This course is intended to offer a more specialized investigation into U.S. history since 1945, such as the Cold War, Civil Rights Revolution, Korea, Vietnam, Great Society, Watergate, the oil crisis and the Reagan Revolution.

HUM 101 Music Appreciation **(3-0-3)**
This course is a survey of classical music from its religious/liturgical roots through contemporary trends in music. Emphases will be on styles and forms as they developed through history, especially those pieces most typically programmed in concert halls.

HUM 201 Introduction to Philosophy **(5-0-5)**
(Prerequisite: ENG 101)
A survey of major schools of thought and issues basic in the making of culture and history.

HUM 211 Intercultural Communication **(5-0-5)**
(Prerequisite: ENG 102)
The objective of this course is to provide an overview for the study of communication and culture. We will follow a "culture general" approach to examine the factors that influence communication between persons of different cultures and/or ethnic groups. Applications will often use a cross-cultural format to compare communication and meaning between specific cultures. The focus will be upon isolating similarities and differences in intra-cultural (i.e., communication between members of the same culture and/or co-culture) and intercultural communication.

LFS 104 Personal Nutrition **(2-0-2)**
This course is designed to discuss the role of diet in maintenance of health in the development and prevention of disease. Students will learn to select a wholesome diet and gain enough knowledge to evaluate the nutrition issues and controversies that confront them both today and tomorrow. This course is intended for non-majors only.

LFS 105 Academic Strategies **(3-0-3)**
(Prerequisite: Placement test or academic probation)
This course is designed to teach specific learning and thinking strategies as well as methods of applying these strategies in various academic situations. Students will become acquainted with various campus resources including faculty advisors and tutoring facilities. Upon completion of the course, the student should have developed the skills necessary for creating good interpersonal relationships with students and faculty, as well as time management and study skills required to be successful at the college level.

LFS 106 Life Management **(3-0-3)**
This course is a seminar/discussion course involving open consideration of the responsibility of the individual to himself/herself, the individual's role in relationships and the individual's responsibility to society.

LFS 109 Critical Reading and Thinking **(5-0-5)**
(Prerequisite: Placement test)
This course is designed to develop the student's critical thinking abilities through a variety of literary, academic and journalistic writings. The student will look at contemporary issues from varying perspectives and will practice evaluating evidence and supporting opinions logically. The readings and assignments will challenge the student's ability to analyze, evaluate and synthesize ideas from a variety of sources and to question his or her own views in light of new information.

MAT 100 Contemporary Mathematics **(5-0-5)**
(Prerequisite: TSM 099 or placement test)
This course provides the non-science major with the base of mathematical knowledge necessary to understand the technical information that is presented in all types of situations today. The course begins with the study of numeration systems and progresses through elementary set theory, algebraic topics and the study of functions and applications. Also presented are topics from geometry, matrix theory, statistics and a brief look at computer programming. Throughout the course the emphasis will be on application problems and developing problem-solving skills.

MAT 101 College Algebra ** **(5-0-5)**
(Prerequisite: TSM 099 or placement test) **
Covering topics and concepts of factoring polynomials; solving and graphing linear, quadratic, radical equations, higher degree equations, and system of equations and inequalities; simplifying exponents, exponentials, logarithms, absolute values, and expressions, fractions, algebraic and radical expressions, and functions. Also, solving and graphing right triangles.

MAT 102 Decision Mathematics **(5-0-5)**
(Prerequisite: MAT 100 or MAT 101)
This course is a study of finite mathematics with an emphasis on application in various fields including business, social sciences

and biology. Topics may include linear programming, set theory, probability and statistics, mathematics or finance, logic and truth tables, and graph study.

MAT 103 Survey of Calculus **(5-0-5)**
(Prerequisite: MAT 100 or MAT 101)
This course is an overview of calculus with an emphasis on realistic applications in various fields including business and economics. Topics include derivatives, differentials, exponential and logarithmic functions, anti-derivatives and functions of several variables.

MGT 201 Self Empowerment for Career Management **(3-0-3)**
This course will explore the dynamics of career choices and pursuit of these careers in the ever-changing business environment.

MGT 301 Principles of Management **(5-0-5)**
(Prerequisite: BSN 101 or NTR 209)
This course is designed to introduce basic principles and concepts of management that are applicable to a variety of organizations. Topics include a history of the study of management, underlying ideas of "schools of management thought," functional and behavioral aspects of management, and organizational theory.

MGT 302 Leadership and Development **(5-0-5)**
(Prerequisite: MGT 301)
Leadership/Team Building will focus on people as the main issue of an organization's ability to succeed. The Leadership/Team Building course paradigm will embrace the principles of fairness, kindness and trustworthiness which makes for better use of people in the organization. Also, this paradigm will show how significant improvements can be made in personnel and organizational effectiveness through true understanding of leadership excellence and its application.

MGT 325 Entrepreneurship and Social Change **(5-0-5)**
(Prerequisite: ENG 101)
This course enables students to utilize pragmatic and results-oriented methods of a business entrepreneur with the goals of a social reformer. The social entrepreneur seeks innovative solutions to social problems that have an impact on society. The student will select an innovative project utilizing techniques of successful social entrepreneurs.

MGT 330 Sports Management **(5-0-5)**
(Prerequisite: BSN 101)
Sports Management offers students a look at the diverse, expanding field of sport and recreation. It is designed to provide a comprehensive look at the basic organizational structures found in the sports industry. Students will examine applications of managerial concepts and processes and the ways in which organizations interact with each other and with the government.

MGT 401 Critical Thinking for Organizational Behavior **(5-0-5)**
(Prerequisite: MGT 301)
The theories of organization and the ways in which the structure, leadership and personality of management influence functions of an organization are discussed in this course.

MGT 402 Human Resource Management **(5-0-5)**
(Prerequisite: MGT 301)
This course is an introduction of major topical areas in personnel. Particular emphasis is placed on the functional areas that form the major occupational categories in personnel. It includes basic concepts in employment planning, selection and placement, training and development, employee and labor relations, compensation and benefits, health, safety and security.

MGT 403 Labor Relations **(5-0-5)**
(Prerequisite: MGT 402)
The study of employee and labor relations concerned with collective bargaining, compliance with laws affecting employees, contract negotiations, grievance handling, arbitration procedures, satisfaction and the rights of management, employees and unions are the foci of this course.

MGT 404 International Management **(5-0-5)**
(Prerequisite: MGT 301)
This is a survey course introducing students to the considerations involved in the generation, maintenance, and control of

international flows of people, information, funds, goods and services for commercial purposes, publics (employees, communities, media, investors), and organizational decision making.

MGT 415 Entrepreneurship & Small Business Strategies **(5-0-5)**
(Prerequisites: ACT 202, CIM 305 and MKT 301)
In this course, emphasis is placed upon the essentials of Entrepreneurship and the operation of a small business enterprise. Participants will be given practice in "recognizing a need" and determining how to best meet the need identified. The participant also learns the fundamentals of starting a small business, i.e. locating funding determining best geographic location, when to hire additional personnel, organizing a project from beginning to end, eliminating the waste of project time and money, and to spot problems before they become critical. Material will also cover the essentials of expansion of existing small business, which include market research, market feasibility analysis, financial analysis, pro-forma budgets, income, and profit and loss statements.

MGT 430 Principle of Production * & Operations Management **(5-0-5)**
(Prerequisites: MGT 301 and MSC 301)
This course provides an analytical approach to planning, operation and control of production processes, plant location and layout, inventory and quality control, production, and project planning and control.

MGT 441 – 445 Internship **(1 to 5*)**
(Prerequisite: Instructor Approval)
This course is designed to provide students with community-based learning experience in the field of management or directed studies. To register, the student must obtain prior written approval from the Department Head of Business. *(Credits are determined according to the following: four hours worked equals one credit, six hours worked equals two credits, eight hours worked equals three credits, 10 hours worked equals four credits, 12 hours worked equals five credits.) Up to 15 credits may be taken in this category.

MGT 450 Systems Theory Applied to Business Policy **(5-0-5)**
(Prerequisites: FIN 303; MGT 301 and Min. 145 cr.)
The course is a capstone course for several business disciplines, serving to prepare the student to conceptualize and formulate overall organizational policy and strategy.

MGT 455 Total Quality Management **(3-0-3)**
(Prerequisite: MGT 301)
The course is designed to give the student an introductory understanding of the trend in business toward Total Quality Management (TQM). When completed, the student will understand that the measure of success for any business is customer satisfaction, and this is directly related to continuous improvement through TQM.

MGT 460 Senior Research Project Report **(3-0-3)**
(Prerequisite: Instructor Approval)
This course is designed to provide the student an understanding of the process required for academic research. The course will start with an overview of research methodology and then continue with developing the theme of how managers used research techniques to manage and make informal decisions.

MGT 470 Event Planning
(Prerequisites: BSN 101; MAT 100/101 or MAT 102/103)
Students in Event Management will study concepts regarding the creative, technical and logistical components of successful events that may be public or private/personal activities. Event Management involves planning, launching and post-event evaluation of activities that may be social, charitable, sports, musical, business or cultural – just to name a few. The students will apply project planning software in their planning, managing and completion of event activities.

MGT 461 Senior Research Project Report **(3-0-3)**
(Prerequisite: Instructor Approval)
This course is a continuation of MGT 460 where an accepted proposal for a research project provides the starting point for this course. In this course students will be required to finish their research project by writing a research report and be required to orally defend the report to the business faculty.

MKT 301 Principles of Marketing **(5-0-5)**
(Prerequisite: BSN 101)
This course presents marketing concepts and activities relating to the flow of goods and services to the consumer.

MKT 320 Entrepreneurship and Social Media **(5-0-5)**
(Prerequisite: CIM 101)
This course will examine entrepreneurship and the use of social media as a catalyst for new business ventures, providing an interactive marketing tool and medium for social, non-profit and for-profit entrepreneurs. The students will analyze various written sources, models and case studies for increasing creativity and marketing effectiveness and efficiency; strategies for evaluating and planning websites; and how to use social media blogs, news releases, podcasts and viral marketing to reach the end-user (consumer) of their chosen service or product. Achieving positive customer relationships that are continuous is the goal for successful entrepreneurs.

MKT 340 Marketing Research **(5-0-5)**
(Prerequisite: MKT 301)
This Marketing Research course provides an interactive experience for students to act as a researcher, to learn about the marketing research process and to gain an understanding of these steps. A uniform case study is used to give students an opportunity to define their problem, collect their data, analyze the data, and either prove or disprove their hypothesis. SPSS, a statistical software widely used in the marketing research industry today, is included to aid students in analyzing their data.

MKT 370 Sports Marketing
(Prerequisite: BSN 101)
The Sports Marketing course provides an overview of the principles and practices of promotions and marketing in the sports industry. Topics include sports marketing planning, market segmentation and identification of the target market, sport marketing mix and sponsorship.

MKT 410 Integrated Marketing Communication
(Prerequisite: MKT 301)
Integrated Marketing Communications (IMC) is the coordination and integration of all marketing communication through the marketing mix (4 Ps – Product, Price, Promotion, Place/Distribution). Coordination through promotional activities of advertising, sales promotion, public relations and personal selling to create a clear and consistent message while maximizing the impact through communication of a product or service.

MKT 450 International Marketing **(5-0-5)**
(Prerequisite: MKT 301)
As global economic growth occurs, understanding marketing in all cultures is increasingly becoming important. The course focuses on marketing strategies and management within the context of international and global markets.

MSC 201 Introduction to Statistics **(5-0-5)**
(Prerequisite: MAT 100 or MAT 101)
The course focuses on applications of statistical techniques as applied to various scholastic disciplines and problems. It includes descriptive statistics, forecasting, statistical inference and regression.

NTR 209 Principles of Food Preparation **(1½-3– 3)**
Basic scientific principles of food preparation, food storage and factors affecting food selection and purchasing are studied. Methods of food preparation with emphasis on optimal nutrient retention, time efficiency, cost reduction, lower caloric and total fat content while preserving aesthetic appeal is taught. Culinary techniques are emphasized. Chemical and structural changes of foods undergoing preparation and processing and food composition are discussed. Food demonstration skills, sensory evaluation of food and food quality are emphasized.

NTR 210 Nutrition Seminar & Future Trends **(12–0–0)**
(Level I, II, III = no prerequisites)
(Level IV, V =ENG 121, NTR 301, NTR 307)
Career possibilities for nutrition majors are explored. Students will be guided in clarifying their professional goals and will become acquainted with the educational and experiential requirements necessary to attain these goals. Topics also include career planning and development, quality assurance standards, ethical challenges to dietitians and impact on the legislative process.

Students will also learn skills in lecture presentation and facilitating group discussion by presenting and evaluating seminar presentations.

NTR 240 Medical Terminology **(2–0–2)**
(Prerequisite: ENG 101)
This course covers the basic concepts in medical terminology for the health care sciences. Students will combine prefixes, roots and suffixes into the healthcare vocabulary necessary for a healthcare provider. Medical terms used in the diagnosis and treatment of diseases will also be discussed.

NTR 300 Fundamentals of Nutrition **(4–0–4)**
(Prerequisites: BIO 201 and CHM 112)
An overview of carbohydrates, lipids, proteins, vitamins and minerals is presented in detail in this course. Students are familiarized with the biochemical principles related to the macronutrients and micronutrients. Other topics include medical terminology and the role of food in the promotion of a healthy lifestyle. This course also covers the use of the food exchange system, and some of the basic principles of the dietary treatment of diabetes, cardiovascular disease and obesity.

NTR 301 Research Methodology **(2– 0–2)**
(Prerequisite: CIM 101)
This course teaches Life Skills that protect the consumer: Consumers are bombarded with Internet or health store information about different nutritional and herbal supplement with little or no research support. The course is designed to expose students to basic information on different methods of research so they can judge the validity of the claims being presented. The major objectives of this course are to review the why, what and how of research targeted toward the allied health professional. An overview of research design, analysis and presentation is covered. Protocol and discussions of descriptive and analytical research, with emphasis in research methodology and statistical analysis are reviewed. Data gathering is covered as are the techniques and interpretation of primary and secondary data.

NTR 303 Menu Planning & Computers in Nutritional Analysis **(2–2–3)**
(Prerequisites: CIM 101 and NTR 300)
This course is intended to introduce the student to principles of menu planning as well as to address the need for practical computer application to nutritional analysis. The student will become familiar with a variety of computer programs and learn how to interpret reports provided from each program.

NTR 304 Introduction to Food Science **(2–2–3)**
(Prerequisites: NTR 209 and NTR 300)
Chemistry, structures, and composition of food are studied. This course covers the study of the basic constituents of foods; carbohydrates, lipids, protein and water; and chemical, microbial, and physical actions and reactions. Functions of food additives, packaging and preservation techniques are discussed, and objective assessment of changes before, during and after processing is reviewed.

NTR 305 Community Nutrition **(3–0–3)**
(Prerequisite: NTR 300)
The principles of public health assessment planning, implementation and evaluation are discussed. The emphasis is on data gathering, policy making, healthcare delivery, health promotion, and prevention of disease. The government's involvement in health and food programs is also discussed. Theories learned in this course are practiced in field experience.

NTR 306 Advanced Nutrition **(4 –0–4)**
(Prerequisites: NTR 300 and CHM 316)
Biochemical, physiological and functional aspects of nutrient metabolism and utilization are explored. Mechanisms through which macronutrients meet human biological needs are emphasized.

NTR 307 Nutrition Education **(2–0–2)**
(Prerequisites: NTR 300, CIM 101 and ENG 102)
This course is an introduction to the theories and principles of the teaching and learning process. A discussion of lay, technical and negotiational writing, with presentation and evaluation of educational techniques is covered. Also addressed are concepts of individual and group dynamics as they apply to learning theories. The preparation and selection of audiovisuals and printed and multimedia nutrition education materials are emphasized. Group and individual projects are assigned to encourage teamwork spirit. This course is a prerequisite for Levels IV and V of NTR 210 – Nutrition Seminar & Future Trends.

NTR 309 Assessment, Interviewing & Counseling **(3–2–4)**
(Prerequisites: NTR 303 and 307)
Application of nutritional process, evaluation of nutritional status, and special nutritional needs of individuals are determined through screening and assessment. The specific knowledge base in nutrition principles is integrated with client-oriented tools of interviewing, physical and general assessment, to include monitoring such as blood pressure, palpation, auscultation and reflexes of the knee and ankle, anthropometric and biochemical assessment, drug/nutrient interaction and dietary analysis. Counseling and documentation of nutritional intervention are emphasized.

NTR 310 Marketing Your Services **(2–0–2)**
(Prerequisites: ENG 102, CIM 101)
This course is designed to help students promote themselves in the dynamic field of nutrition and wellness. Business and career development are discussed, as well as networking and promotional tools. Students will acquire innovative marketing knowledge and skills and will develop strategies to capitalize on business and career opportunities. The course also offers hands-on experience in developing a business proposal to secure resources needed for future success.

NTR 311 Institutional Food Management **(3–0–3)**
(Prerequisite: BSN 101 or NTR 209)
This course covers management principles and their application to food systems. Topics such as food and non-food procurement and purchasing; financial planning and budgeting; layout and equipment; food delivery systems; and quality assurance are discussed. Both commercial and non-commercial applications of food service operations are studied.

NTR 312 Food Safety & Sanitation **(2–0–2)**
(Prerequisite: BIO 101, BIO 103, BIO 105 or BIO 111)
This course covers the major concepts for safe food handling procedures. Food safety issues including microbiological, chemical and food borne illness are discussed. The Hazard Analysis Critical Control Point (HAACP) system is discussed, and the important strategies for handling food from the receiving end to the consumer is covered as well as the processing and regulatory issues surrounding food safety and sanitation.

NTR 320 Alternative Nutrition **(2–0–2)**
(Prerequisite: NTR 300 or Permission of Instructor)
Students are exposed to a review of the scientific evidence for and against unconventional (alternative) medicine. Students are expected to debate some of the more controversial areas in alternative nutrition.

NTR 321 The Study of Herbs in Health **(2–0–2)**
(Prerequisite: NTR 300 or Permission of Instructor)
The course is designed to expose the student to a review of the scientific evidence for and against herbal treatments. The botanical, chemical, pharmacological and toxicological aspects of popular herbs are discussed.

NTR 360 Nutrition through the Life Cycle **(3–0–3)**
(Prerequisite: NTR 300)
This course covers the principles of nutrient requirements at different stages of the life cycle. In addition, the physiological and psychological changes that occur during the life span are covered. The contributions that diet and nutrition make to support the growth and developmental process throughout the life cycle are discussed.

NTR 401 Nutrition Therapy I **(4–0–4)**
(Prerequisites: NTR 306 and NTR 309 or Permission of Instructor)
The pathophysiology (anatomy, physiology and metabolic) of disease, and the relationship between diet, disease, health attainment and maintenance is discussed. Diet modification for the prevention and treatment of acute and chronic disease is addressed. Medical and pharmacological treatment is also covered. Emphasis is placed on nutrition intervention for a multitude of problems such as: bone and dental health, diseases of the GI Tract (oral cavity, esophagus, stomach, intestinal), food allergy/food intolerance, endocrine diabetes mellitus, hypoglycemia, weight management, eating disorders, rheumatic diseases, cardiovascular disease and hypertension.

NTR 402 Nutrition Therapy II **(4–0–4)**
(Prerequisites: NTR 306 and NTR 309 or Permission of Instructor)
The pathophysiology (anatomy, physiology and metabolic process) of disease and the relationship between diet, disease, health attainment/maintenance are discussed. Diet modification for the prevention and treatment of acute and chronic disease is

addressed. Emphasis is placed on nutrition intervention for a multitude of problems such as: the disease of liver, biliary system and exocrine pancreas, metabolic stress: sepsis, trauma, burns and surgery, anemia, pulmonary disease, renal disease, neoplastic disease, HIV and AIDS, nervous system and metabolic disorders.

NTR 405 Nutrition & Physical Performance **(3–0–3)**
(Prerequisite: CHM 316 or NTR 306)
This course addresses the energy transfer in the body during exercise; the macronutrients' contribution and need in physical performance; the role vitamins and minerals play in physical performance; hydration status and fluid needs. Pharmacology and nutritional ergogenic aids in physical performance; body composition; eating disorders; and some of the facts and fallacies associated with sports nutrition are also addressed.

NTR 411 Maternal/Child Nutrition **(3–0–3)**
(Prerequisites: NTR 306 and NTR 360)
Special nutritional and health problems from prenatal development through adolescence are studied. Emphasis is placed on physical, psychosocial and nutritional aspects of development. Subgroups within specific age populations who are at nutritional risk will be identified.

NTR 412 Geriatric Nutrition **(3–0–3)**
(Prerequisite: NTR 401)
The nutritional needs and eating habits of the elderly population are considered. A review of the psychological, social, cultural and physiological effects of aging as it relates to nutritional status is presented. Nutrition assessment of the elderly; drug-nutrient interactions related to the geriatric population; and community assistance programs for the elderly are also addressed.

NTR 413 Nutrition Therapy III **(3 – 0–3)**
(Prerequisites: NTR 401 and NTR 402 or Permission of Instructor)
The pathophysiology (anatomy, physiology and metabolic) of disease, and the relationship between diet, disease, health attainment and maintenance is discussed. Diet modification for the prevention and treatment of acute and chronic disease is addressed. Emphasis is placed on nutrition intervention for a multitude of problems such as: the diseases of the gastrointestinal tract; and acid/base, fluid and electrolyte imbalances. Enteral and parenteral nutrition intervention with calculation on case study basis is addressed.

NTR 414 Food, Nutrition & Culture **(3–0–3)**
(Prerequisites: NTR 401 and NTR 402 or Permission of Instructor)
This course covers the social and demographic influence on food-related behaviors of various population groups. The impact of ethnicity, culture and religion on lifestyle, dietary habits, health and disease status of individuals and groups are considered. Emphasis is on the development of nutritional intervention methods and dietary systems considering social, economic and environmental conditions of people.

NTR 415 Quantity Food Production **(2–0–2)**
(Prerequisites: NTR 311 and NTR 312)
Principles and techniques in quantity food production are discussed. Recipe development, modification, adjustment and needed equipment are emphasized.

NTR 417 Field Experience – Community **(1–6–3)**
(Prerequisites: NTR 305, NTR 307, NTR 309 and NTR 360)
Under supervision, students have the opportunity to put into practice their acquired knowledge of community nutrition, nutrition assessment counseling and nutritional education. The practice sites include a variety of the Community based programs such as Senior Citizen's Center, Head Start, and others. The student will be exposed to all operations at these sites.

NTR 430 Pediatric Nutrition Therapy **(2–4–4)**
(Prerequisites: NTR 411 and NTR 413)
Lecture: Application of the nutritional process, screening procedure, assessment, evaluation of nutritional status and special nutritional needs of the pediatric population are discussed. The pathophysiology (anatomy, physiology and metabolic) of disease, and the relationship between diet, disease, health attainment and maintenance in pediatric population is discussed. Use of enteral and parenteral nutrition in pediatric care is discussed. Emphasis is placed on nutrition intervention for a multitude of problems such as: Bronchopulmonary Dysplasia (BPD) and Genetic/Inborn Error Metabolism diseases.

Lab: Under supervision, students have the opportunity to put into practice their acquired knowledge of pediatric clinical assessment and nutritional intervention. The practice sites include pediatric clinic nutrition services in hospital and private practice setting. Students are exposed to and participate in all clinical operations at these sites.

NTR 432 Nutrition Epidemiology **(2–0–2)**
(Prerequisites: NTR 305 and NTR 306)
The course is designed to expose the students to epidemiological data concerned with the frequencies and types of illnesses in groups of people with nutritional factors that influence the distribution of these diseases.

NTR 433 Study of Vitamins & Minerals **(2 –0 –2)**
(Prerequisite: NTR 306)
Fundamentals of function, biochemical properties, metabolism, digestion, absorption, transport and excretion of vitamins and minerals are discussed. The student studies and discusses antioxidant effects and their role in disease prevention. The interaction between vitamins and other nutrients are also discussed.

NTR 434 Pharmacology/Drug & Nutrient Interaction **(2–0–2)**
(Prerequisite: NTR 306)
Fundamentals of function, biochemical properties, metabolism, digestion, absorption, transport and excretion of drugs are discussed. The effect of drugs on health and nutrition status is addressed, as are food and drug interactions.

NTR 435 Financial/Reimbursement: Medicare & Medicaid **(2–0–2)**
(Prerequisite: Permission of Instructor)
An introduction to the managed care industry is reviewed. Discussions of HMOs, PPOs, etc. are covered. Emphasis is placed on reimbursement issues as they relate to nutrition care and specific disease states.

NTR 436 Clinical Field Experience **(1–9–4)**
(Prerequisite: NTR 413 & NTR 414)
Under supervision, students have the opportunity to put into practice their acquired knowledge of clinical assessment and nutritional intervention. The practice sites include clinic nutrition services in hospital, private practice, and wellness centers. The student is exposed to and participates in all clinical operations at these sites. Theories learned in the Nutrition Therapy series and Food Nutrition & Culture are put into use.

NTR 440 Culinary Cooking **(2–4–4)**
(Prerequisites: NTR 209 and NTR 300)
Part I: This course covers culinary art fundamentals with a focus on stocks, mother and compound sauces and thickening agents. The availability, quality indicators, common uses and cooking application for a wide variety of foods are addressed, while students gain practical application in different cuisine.

Part II: This course is designed to provide an in-depth study of culinary arts, with emphasis on gourmet cooking techniques. Baking and pastry techniques will also be covered in this course. Students produce menus with a focus on plate presentation. American regional and Continental cuisines are reviewed.

NTR 442 Foodservice Management **(3–0–3)**
(Prerequisite: NTR 311)
This course is an overview of management resources in foodservice, hospitality management and catering systems with the application of decision-making and problem-solving using a foodservice system model. An in-depth review of foodservice facilities and their functions are presented with types of equipment used in foodservice operations. Students will have an understanding of department design and layout for new or existing foodservice facilities with an overview of types of equipment needed for various commercial and non-commercial foodservice operations.

NTR 443 Management Field Experience **(1–9–4)**
(Prerequisite: NTR 442)
Students are placed in a commercial foodservice operation for field experience. Students apply theories and develop skills by participating in the management of all aspects of the operation including, but not limited to, production, purchasing, sanitation and safety, distribution, finance and personnel. Practice sites include hospital, school, and commercial foodservice as it relates to the nutrition field and others. Theories learned in the Food Science, Institutional Food Management and Quantity Food Production courses are put into use.

NTR 451 Health & Fitness Instruction **(3–2–4)**
(Prerequisite: NTR 309)
This course is designed to emphasize the importance and essentiality of physical activity in human health and wellbeing. It introduces the student to the knowledge, skills and abilities needed by fitness professionals to give guidance in safe and positive activity programs for individuals and groups. It will also cover the components and requirements for certification as a fitness professional by one of the most recognized certifications programs, American College of Sports Medicine (ACSM).

NTR 452 Risk Assessment & Health Promotion **(3–2–4)**
(Prerequisite: NTR 451)
Students are exposed to the principles of risk assessment by developing individual risk profiles for their clients. Students evaluate and use various computer based health-risk appraisals when creating these profiles. Finally, students learn to design a health maintenance plan (health promotion plan) targeted to their client's personal health behaviors and risk factors.

NTR 453 Sport Nutrition Field Experience **(0–6–3)**
(Prerequisites: NTR 309 and NTR 405)
This is a "hands-on" approach to implement the knowledge gained through the course of study in the area of exercise physiology, sports nutrition, etc. Students have the opportunity to apply the skills, techniques and knowledge in various settings such as corporate, commercial or community settings.

NTR 470 Nutrition Research I **(Varies 1-2 cr.)**
(Prerequisites: NTR 306 and Permission of Instructor)
The objectives of this course are to give students a comprehensive insight into preparing a research proposal and submission of the proposal to the Institutional Review Board. This course is designed for students who wish to progress to Master's and Ph.D. level studies.

NTR 471 Nutrition Research II **(Varies 2-4 cr.)**
(Prerequisites: NTR 470 and Permission of Instructor)
The objectives of this course are to give students a comprehensive insight into conducting a research project and collecting and analyzing data. Research topics are at the discretion of the professor in charge of the course and are based on availability of facilities and finance, and whether or not collaborative projects are available with other institutions. This course is designed for students who wish to progress to Master's and Ph.D. level studies.

NTR 472 Nutrition Research III **(Varies 2-4 cr.)**
(Prerequisites: NTR 471 and Permission of Instructor)
The objectives of this course are to give students the opportunity to write up the results of Nutrition Research II as a thesis. This course is designed for students who wish to progress to Master's and Ph.D. level studies. This course is designed for students who wish to progress to Master's and Ph.D. level studies.

NTR 473 Nutrition Research IV **(Varies 1-2 cr.)**
(Prerequisites: NTR 472 and Permission of Instructor)
The objectives of this course are to give students the opportunity to write up the results of NTR 473 Nutrition Research III as an abstract and submit it as a conference presentation either for poster or oral presentation.

PHS 111 General Physics I ** **(4-2-5)**
(Prerequisite: MAT 101 or equivalent)
This course is the first part of introductory physics sequence that introduces basic laws and principles of physics. This sequence is designed for students planning to major in health related sciences. Knowledge of college algebra and trigonometry is assumed. The topics discussed in this course include: Units and Conversions, Vectors, Velocity, Acceleration, Newton's Laws of Motion, Concepts of Energy Conservation, Momentum and Momentum Conservation, Rotational Motion, Newton's Law of Gravitation, etc.

PHS 112 General Physics II ** **(4-2-5)**
(Prerequisite: PHS 111 or equivalent)
This course is the second part of the introductory physics sequence. The topics discussed in this course include: Waves and Wave Propagation, Sound, Heat and Heat Energy, Electricity and Magnetism, Selected topics in Modern Physics.

PHS 113 General Physics III **(4-2-5)**
(Prerequisite: PHS 112)
This course is the third part of a three-quarter sequence of introductory physics. This sequence is algebra-based and geared for the students seeking admission into medical, dental, veterinary, nursing, pharmacy and other health-related fields. However, students who want to major in physics and engineering curriculum may need to take calculus based introductory physics sequence. Topics discussed in this course include: Light, Theory of Relativity, Quantum Mechanics, Atomic Physics, Nuclear Physics and Particle Physics.

PHS 213 Physics III for Pre-Professionals **(2.5-1-3)**
(Prerequisite: PHS 112)
This course is the third part of three-quarter sequence of algebra-based introductory physics with lab. Topics include nature of light, geometric optics, wave optics, properties of mirrors and lenses, optical instruments, blackbody radiation, wave particle duality, uncertainty principle, models of atoms, atomic spectra, exclusion principle, periodic table, properties of nuclei, radioactivity, nuclear reactions and medical application of radiation.

PMT 350 Practices of Project Management **(5-0-5)**
(Prerequisite: MGT 470)
This course is an advanced study of the science of Project Management (PM) in an industrial driven environment. This course will expand on PMT 301 and will delve deeper into the concepts learned in the introductory course. This course will develop additional skills in the use of PM techniques. Project Management Information Systems (PMIS) will be discussed and linked to the use of PM Control Software Systems.

PMT 450 Project Management Case Study Capstone **(5-0-5)**
(Prerequisite: MGT 470)
This course is designed to provide the student with an opportunity to develop one or more project management proposals. The method used will be case studies developed by the professor and form various project management books. The student will be using Personal Computer Project Management software in developing PRT, PM, and GANTT charts for their project proposals.

POL 110 World Issues** **(2-0-2)**
World Issues surveys eight contemporary U.S. foreign policy topics facing policy makers. Students are invited to familiarize themselves with the history, the context, and policy options that government leaders evaluate in the articulation and implementation of U.S. foreign policy.

POL 201 American Government **(5-0-5)**
This course is an examination of the institutions and processes of American government. Attention will be given to the roles of public opinion, the media, interest groups, political parties, and policy making.

POL 202 Comparative and International Politics **(5-0-5)**
This course is a survey of political systems, ideas and international relations. Emphasis will be on understanding differences and similarities across governmental and cultural lines. Political history and current events will be integrated in the survey.

PSY 101 General Psychology **(5-0-5)**
This course is a general study of human behavior and the factors that influence individuals and society.

PSY 242 Research Methods in Psychology **(5-0-5)**
(Prerequisite: MSC 201)
This course is designed to introduce students to research methodology in psychology. Topics covered include the scientific method, formulating hypothesis, alternatives to the experimental approach e.g., case study, naturalistic observation, field study, ex post facto study, and correlational study, the basics of experimentation and report writing.

PSY 255 Positive Psychology **(5-0-5)**
(Prerequisite: PSY 101)
This course explores psychological concepts and tools that can be used to create a full and meaningful life. Students will gain a better understanding of themselves and others and acquire skills to facilitate human growth. Topics covered include positive psychology, handling unwanted behavior, choice and responsibility, talking and listening, self-determination and authenticity, and conflict and negotiation.

PSY 256 Psychology of Excellence **(5-0-5)**
(Prerequisite: PSY 101)
This course examines psychological theories, research, and intervention strategies for the enhancement of performance in diverse life settings such as school, work, athletics and interpersonal relations. Topics covered include self-regulation, mental imagery, attentional focus, effective communication, problem-solving and decision making, stress and coping, time management, goal setting and self-modification.

PSY 257 Psychology of Adjustment **(5-0-5)**
(Prerequisite: PSY 101)
In this course, students will explore the nature of adjustment and change in normal individuals. Areas covered will include coping with stress, the self, forming impressions of others, prejudice, conformity, interpersonal communication, relationships, gender, sexuality and career issues. Students will be required to apply psychological principles to their own life.

PSY 290 Life Span Developmental Psychology **(5-0-5)**
The study of the life cycle and manifestation of clinical situations at different stages are reviewed in this course. Assessment through observation of the body is stressed as a means of demonstrating the holistic nature of human experience.

PSY 311 Introduction to Life Coaching **(5-0-5)**
(Prerequisites: PSY 101 and PSY 356)
The various perspectives (emotional, behavioral, and cognitive) and skills concerned with coaching will be surveyed, and the different areas in which coaching may be relevant personal, health, workplace and organizations will be discussed. Ethical guidelines, coaching agreements, creating rapport, communicating effectively e.g., active listening, powerful questioning, direct communication, and facilitating learning and results (i.e., designing actions, planning and setting goals, and managing progress and accountability). All students will be required to utilize these concepts in creating their own personal statement and action plan to facilitate their own development.

PSY 312 Advanced Life Coaching **(5-0-5)**
(Prerequisite: PSY 311)
The purpose of this course is to build on models, techniques and areas of coaching introduced in Introduction to Coaching. Role-playing coaching behavior and application in real life situations will be emphasized.

PSY 320 Health Psychology **(5-0-5)**
(Prerequisite: PSY 101)
The purpose of this course is to examine psychological aspects of health promotion and maintenance, prevention and treatment as well as the etiology and correlates of health, illness and dysfunction. Class time will be devoted to both lectures and discussion of issues in health psychology.

PSY 340 Sport Psychology **(5-0-5)**
(Prerequisite: PSY 101)
This course examines the psychological, emotional and behavioral factors related to participation in sports, exercise and physical activity. In particular, this course will examine the factors that facilitate optimal performance in sports as well as the factors that undermine it.

PSY 356 Personality Psychology **(5-0-5)**
(Prerequisite: PSY 101)
In this course, the major contemporary theories of personality will be reviewed including trait perspectives, biological and evolutionary perspectives, psychodynamic perspectives, humanistic perspectives and social cognitive perspectives. Personality tests and measurement will also be examined.

PSY 357 Introduction to Social Psychology **(5-0-5)**
(Prerequisite: PSY 101)
This course is an overview of the field of social psychology and covers many sub-areas of research related to social behavior — how a person's thoughts, feelings, and actions are affected by others. Topics to be covered include the following: theories and methods of social psychology; person perception, social cognition and attribution; social aspects of nonverbal and verbal communication; forming, maintaining and changing attitudes; prejudice and discrimination; interpersonal attraction; pro-social behavior; aggression; social influence; and group processes and group behavior.

PSY 358 Psychology of Religion and Spirituality **(5-0-5)**
(Prerequisite: PSY 101)
This course will provide a general overview of the various theories, concepts, and issues in psychology of religion. The psychology of the world's religions Taoism, Hinduism, Confucianism, Judaism, Christianity and Islam will be reviewed and discussed. The function of religion related to mental health, adjustment, coping, morality, death, socialization and mysticism will be examined.

PSY 359 Health Practitioner/Patient Relationship **(5-0-5)**
(Prerequisite: PSY 101)
This course examines ethical and attitudinal issues in health practitioner/patient relationships and basic interviewing techniques.

PSY 366 Behavior Modification **(5-0-5)**
(Prerequisite: PSY 101)
In this course, students will be exposed to a general overview of behavioral analysis and how the principle of learning can be applied to personal and professional settings to develop and maintain desirable behavior and extinguish undesirable behavior.

PSY 367 Legal and Ethical Issues in Coaching **(2-0-2)**
(Prerequisite: PSY 312)
The purpose of this course is to present students with legal and ethical issues related to the coaching profession.

PSY 369 International and Cross-Cultural Psychology **(5-0-5)**
(Prerequisite: PSY 101)
This course is designed to facilitate students' cultural awareness and understanding concerning cultural differences. Students learn about the factors involved in cross-cultural service delivery and the potential prejudice and discrimination associated with particular groups of individuals. Students will also gain a better understanding of their own biases and how these biases can impact their ability to work effectively with individuals from subcultures other than their own.

PSY 375 Marriage and Family **(5-0-5)**
(Prerequisite: PSY 101)
Conceptual framework, theory and contemporary issues related to marriage and family will be examined. Areas that will be covered include intimate relationships, social environment, mate selection, sexual intimacy, conflict resolution and communication, parenting, family stress, divorce, single parent families and stepfamilies.

PSY 376 Human Sexuality **(5-0-5)**
(Prerequisite: PSY 101)
Psychological and physiological basis of human sexuality will be reviewed. Areas covered include psychosexual development across the lifespan, dysfunction, deviance, sexual orientation, sex education, contraception and sexuality in the media.

PSY 377 Introduction to Counseling **(5-0-5)**
(Prerequisite: PSY 101)
This course is designed to familiarize students with the various elements of the counseling process, fundamental intervention strategies, and communication skills essential in effective helping.

PSY 455 Abnormal Psychology **(5-0-5)**
(Prerequisite: PSY 101)
This course examines the assessment, classification, treatment, and theory related to abnormal behavior. Particular focus is placed on anxiety disorder, psychological factors affecting medical conditions, substance related disorders, mood disorders, cognitive disorders, personality disorders, and childhood and adolescent disorders.

PSY 456 Biopsychology **(5-0-5)**
(Prerequisite: PSY 101)
This course is an introduction to the neuroanatomical and neurophysiological underpinnings of behavior, emotion, and thought. Topics covered will include nervous system communication, brain development, motivation, sex, hunger, and thirst, sleep, emotions and stress, psychoactive drugs, thinking and consciousness, memory, learning and mental disorders.

PSY 457 Psychology of Motivation and Emotion **(5-0-5)**
(Prerequisite: PSY 101)
The major themes and perspectives related to cognition, motivation and emotion will be reviewed. Students learn about cognitive, motivational and emotional aspects of such factors as psychological needs e.g., autonomy, competence, intrinsic/extrinsic factors, social needs, plans, goals and intention, personal control beliefs, self, personality, culture, morality and individual growth.

PSY 458 Psychological Tests and Measurement **(5-0-5)**
(Prerequisite: PSY 101)
This course is designed to introduce students to the concepts necessary for an understanding of psychological and educational testing. The first portion of the class will be devoted to a general introduction of the course material with an emphasis on understanding statistical concepts related to test construction and the psychometric properties of test scores. The remainder of the course will be spent examining typical assessment instruments and measures in the context of understanding, confirming, or providing support for client difficulties

PSY 459 Leadership and Group Process **(5-0-5)**
(Prerequisite: PSY 101)
Theory and research related to group processes will be reviewed. Topics covered include principles of group leadership, decision making strategies, conflict resolution, and group process skills. Emphasis will be given to application of these processes in counseling and work situations.

PSY 465 Psychology in the Workplace **(5-0-5)**
(Prerequisite: PSY 101)
In this course, the emphasis will be on taking valid psychological principles and applying them to the work environment. Areas of interest will include motivating others and yourself, goal setting for performance improvement, building relationships, achieving wellness and managing stress, managing conflict and anger, communicating with people, groups and group decision making, leading and influencing others, and achieving personal productivity. The objective is to facilitate workplace-specific skills.

PSY 466 Psychology of Mind/Body **(5-0-5)**
(Prerequisite: PSY 101)
This course is designed to introduce students to various principles concerned with the relation of cognitive and emotional events and biological process. Topics covered include psycho-immunology, neuro-immunology, molecules of emotion, mind and hormones, psychosomatics, healing and environment.

PSY 468 Psychosocial Aspects of Pain Management **(5-0-5)**
(Prerequisite: PSY 101)
This course examines the psychosocial dynamics involved in the assessment and treatment of chronic pain. A major purpose of the course is to give students the tools needed to be able to work in collaboration with pain management specialists and to provide the initial foundation for eventually developing their own expertise in the psychosocial aspects of pain management.

PSY 472 Senior Research Project I **(0-6-2)**
(Prerequisites: Permission of Department and a "B" or better in PSY 241 and 242)
The student will complete the initial phase of the project by reviewing relevant literature, formulating a research question, writing a formal research proposal, forming a committee, and presenting the proposal to the committee.

PSY 474 Senior Research Project II **(0-6-2)**
(Prerequisites: PSY 472 and Permission of Department)
The student will collect data related to the research project and analyze the results.

PSY 476 Senior Research Project III **(0-6-2)**
(Prerequisites: PSY 474 and Permission of Department)
The students will interpret the results, complete the final write-up of the paper, and give the final defense before the committee.

PSY 485 Internship in Psychology **(1-6 crs.)**
(Prerequisite: Permission of the Department)
Under the supervision of a psychology faculty member, students will be given the opportunity to apply the knowledge and skills acquired in the classroom setting to clients within an applied setting.

PSY 495 Directed Study **(1-5 crs.)**
(Prerequisite: Permission of Department)
Under the direct supervision of a faculty member, students are given an opportunity to engage in intense study of a particular area in psychology not included in the course offerings.

PSY 496 Directed Research **(1-5 crs.)**
(Prerequisite: Permission of Department)
Under the supervision of a faculty member, students are given the opportunity to engage in an original research project.

PSY 497 Coaching Practicum I **(0-9-3)**
(Prerequisite: Permission of Department)
The practicum experience will require students to coach three people under the supervision of a psychology faculty member.

PSY 498 Coaching Practicum II **(0-9-3)**
(Prerequisite: Permission of Department)
The practicum experience will require students to coach three people under the supervision of a psychology faculty member.

PSY 499 Senior Capstone Seminar **(5-0-5)**
(Prerequisites: Senior Standing and Permission of the Department)
This capstone course for psychology seniors is meant to provide an opportunity for synthesis and integration of knowledge and skills developed through the psychology curriculum. It includes a general review of psychology, discussion of the research process and methods, exposure to current issues and topics in the field, and examination of ways culture, gender, ethnicity, social class, and other diversity issues influence research and practice in psychology.

PSY 505 Human Development **(2-0-2)**
(Prerequisite: PSY 101)
This is a survey course of the study of human growth and development throughout the life span. Content is structured according to the biosocial, cognitive and psychosocial development of each stage. Ethnic and cultural variations will be discussed where appropriate. Knowledge of the content will enable the chiropractor to identify the stages of development of their patients and to distinguish normal from abnormal development.

PSY 605 Clinical Psychology **(3-0-3)**
(Prerequisite: PSY 101)
This is a survey course of the study of abnormal behavior with emphasis on the major mental illnesses and those most commonly seen in our society. The content of this course supports chiropractic by enabling the student to recognize abnormal behavior in their patients and to consider this behavior while providing chiropractic care.

SHS 102 Personal Health and Fitness **(2-0-2)**
This course introduces students to health topics and issues. A discussion of diet, exercise and risk taking behavior as lifestyle factors related to health will be presented. Students will evaluate their own lifestyle and health status throughout the quarter.

SHS 105 Foundations of Exercise Science **(5-0-5)**
Students will develop skills that will help them become leaders in the area of fitness and will be exposed to ideas that will enable them to become entrepreneurs in the fitness field. Through class discussion and group work, students will develop their communications skills, such as effective listening, empathy to foster professional fitness relationships with their peers. Students will be exposed to a range of exercise principles that should help them reach higher levels of physical performance and health success.

SHS 142 First Aid and CPR **(1-2-2)**
This course will provide students with the knowledge and skills necessary to help sustain life and minimize the consequences of injury of sudden illness until advanced medical help arrives. In addition the different choice of first aid, CPR and AED courses and injury-control will meet the various training needs of those in workplace, school or community settings.

SHS 300 Exercise Physiology I **(5-0-5)**
(Prerequisites: BIO 112, CHM 112)
This course addresses the energy transfer in the body at rest and during exercise. In addition, the physiological responses and adaptations to exercise relative to human performance, limitations and training effects will be examined. The three areas of concentration in this class will be: metabolic pathways, energy for physical activity and physiological systems of energy delivery and utilization.

SHS 312 Exercise Testing & Prescription **(4-2-5)**
(Prerequisite: SHS 300)
This course is designed to teach students the fundamental principles of exercise testing and prescription for healthy and various disease populations. Ergometry commonly employed in human performance labs, clinical settings and health clubs will be evaluated. Topics discussed include medical screening, strength testing, evaluation of anaerobic and aerobic power, flexibility, exercise prescription (metabolic equations) and body composition.

SHS 320 Health Coaching **(5-0-5)**
(Prerequisite: PSY 101)
Health coaching may be one of the most effective, innovative models today in preventive healthcare and wellness. Students in this class will be exposed to the principles of health coaching, incorporating health education and risk management. Students will learn how to provide a behavioral framework for lifestyle changes of their clients that will reduce the clients' risk of chronic disease. Emphasis in this class will be on the how to change, not why to change. Finally, students will learn to design a health maintenance plan (health promotion plan) targeted to their client's personal health behaviors and risk factors

SHS 321 Integrative Medicine **(5-0-5)**
(Prerequisite: PSY 101)
Healthcare is being transformed by a community of "non-traditional" professionals previously called alternative practitioners. This class will explore the pros and cons of various CAM Therapies, using an evidenced based model with a review of the scientific literature when available. In addition, the educational and licensing requirements of those practicing the therapies will be discussed. Included in this class will be a discussion of botanicals (herbs) and other dietary supplements.

SHS 322 Introduction to Public Health* **(5-0-5)**
(Prerequisite: PSY 101)
This course introduces basic concepts, strategies and methods of public health promotion and disease prevention by utilizing programs in the public and private sector. This class will examine the structure of the health system, current topics in health care reform, the policy process, and advocacy for public health.

SHS 330 Current Trends in Physical Fitness **(2-0-2)**
(Prerequisite: SHS 102, or SHS 105, or 300)
This course presents the investigation and exploration of selected topics and problems in exercise science. As they are related to the current issues, practices and science of athletic performance, fitness and health.

SHS 340 Introduction to Sport Injury Management **(5-0-5)**
(Prerequisite: SHS 105 or 300, or any anatomy and physiology course)
This course presents the study of modern principles in the prevention, care, treatment, rehabilitation and management of athletic related injuries and illnesses.

SHS 370 Kinesiology **(5-0-5)**
(Prerequisite: BIO 112 and CHEM 112)
This course presents the study of the anatomical and kinesiological principles of human movement. Topics include applied anatomy, movement terminology, muscle mechanics and function. Emphasis is on the qualitative analysis of human movement in sport.

SHS 400 Exercise Physiology II **(5-0-5)**
(Prerequisite: SHS 300)
This course examines the principles of physiology with special emphasis on the application on the application of physiological findings to practical problems related to human activity. Also included are a detailed review of body composition, energy balance and weight control and a discussion of the role of exercise in successful aging and disease prevention.

SHS 402 Motor Learning and Development **(5-0-5)**
(Prerequisite: SHS 300)
In this course the students should gain knowledge of the principles of performance of motor skills to include information processing and the functional properties of the motor system. Topics include the process of skilled motor performance and motor skill acquisition.

SHS 406 Sports and Exercise Nutrition **(5-0-5)**
(Prerequisite: SHS 300)
The purpose of this course is to address the energy transfer in the body during exercise; the macronutrients' contribution and need in physical performance; the role vitamins and minerals play in physical performance; and hydration status and fluid needs of the athlete. Pharmacological and nutritional ergogenic aids in physical performance; eating disorders, female athlete triad, weight control issues (loss and gain), and some of the facts and fallacies associated with sports nutrition will also be discussed.

SHS 410 ECG and Exercise Stress Testing **(4-2-5)**
(Prerequisite: SHS 300)
This course is designed to provide students with the theoretical and practical knowledge necessary to conduct and interpret the wide variety of diagnostic exercise tests commonly used in clinical practice.

SHS 412 Exercise Biochemistry **(5-0-5)**
(Prerequisite: 406)
This course presents the basic biochemistry and molecular aspects of movement. By integrating and interpreting biochemistry and physiology of human physical activity, students will be able to explain the mechanisms behind some of the current concepts in exercise training.

SHS 420 Scientific Principles of Strength Training and Conditioning **(5-0-5)**
(Prerequisites: SHS 300, SHS 370)
The study of designing and implementing individualized exercise prescriptions for athletic conditioning or physical fitness development. Development of skills required in conducting and implementing programs designed for aerobic power, body composition, flexibility and muscular strength.

SHS 426 Cardiopulmonary Rehabilitation **(5-0-5)**
(Prerequisite: SHS 410)
This course is designed to provide students with the theoretical knowledge and clinical practices necessary to manage a cardiopulmonary rehabilitation program, such as program implementation and operation.

SHS 428 Clinical Exercise Physiology **(5-0-5)**
(Prerequisites: SHS 420, SHS 312)
This course is a detailed study of applied exercise physiology for the exercise specialist/technologist who is responsible for the development of an exercise prescription for patients with various diseases in the following areas: Neuromuscular Disorders (stroke, Cerebral Palsy, Multiple Sclerosis, Parkinson's Disease, Spinal Cord Dysfunction, Post polio & Guillain Barre' Syndrome, Muscular Dystrophy, Peripheral Neuropathy) Musculoskeletal Conditions(osteoarthritis, Osteoporosis, Back Pain, Vertebral Disorder, Amputation), Neoplastic, Immunologic and Hematologic Conditions; Coronary Artery or Valvular heart disease, metabolic syndrome, endocrine disorders, heart failure, implanted cardiac device therapy, peripheral arterial disease, stroke, chronic renal disease, chronic obstructive lung disease, asthma, and other issues with the elderly patient while taking into account co-morbidities.

SHS 472 Biomechanics **(5-0-5)**
(Prerequisites: SHS 370, PHS 111)
This course presents the study of the anatomical and the biomechanical principles of human movement. Topics include applied anatomy, movement terminology, muscle mechanics and function. Emphasis is on the qualitative analysis of human movement in sport.

SHS 480 Introduction to Research Methods **(5-0-5)**
(Prerequisite: SHS 400)
This course is designed to introduce students to the research process in exercise science with includes: problem solving, methods development, and ethical issues in research. The students will acquire the skills necessary to synthesize and critique exercise

science literature and write a "mini"-research paper. An introduction to statistical concepts, selected statistical measures and computer skills are covered.

SHS 486 Individual Study **(1-5)**
(Prerequisites: Senior Standing and faculty approval)
This course provides the student with an opportunity to conduct a research project, write a scientific paper and prepare teaching and resource manuals in a specific area of interest under the direction of a faculty member.

SHS 488 Current Topics & Problems in Exercise Science **(1-5)**
(Prerequisites: Senior Standing and faculty approval)
This course presents investigation and exploration of selected topics and problems in exercise science related to the current science, practice and issues related to athletic performance, fitness and health.

SHS 490 Field Clinical Experience I **(0-2-1)**
(Prerequisites: SHS 142 and SHS 312)
This course presents an introduction to the methods, skills and procedures used in evaluating and prescribing exercise programs.

SHS 491 Field/Clinical Experience II **(1-5)**
(Prerequisites: SHS 428, SHS 410, SHS 490)
This course is designed to provide the student with an opportunity to practice, apply and master additional skills presented in course work. Experiences will include evaluations, documentation and interpretation of results of exercise testing and program development.

SHS 492 Practicum **(1-12)**
(Prerequisites: Senior Standing and faculty approval)
This course presents the student with supervised practical experience on the campus of Life University or in the local community Hours of clock time per credit hour.

SHS 493 Internship **(12)**
(Prerequisites: Senior Standing and faculty approval)
This course presents the student with supervised practical experience at a site of the students choosing. Thirty hours of clock time per credit hour for a total of 360 contact hours.

SOC 101 Introduction to Sociology **(5-0-5)**
This course examines the group life of human beings and the product of their group living.

SPN 111, Spanish I **(5-0-5)**
(Prerequisites: TSE 099 and TSR 099 if required)
Introduction to listening, speaking, reading and writing in Spanish and to the culture of Spanish-speaking regions. Emphasis is on correct Spanish pronunciation, basic conversation skills and reading texts within a limited vocabulary range. Not open to native speakers of Spanish.

SPN 112, Spanish II **(5-0-5)**
(Prerequisites: One year of high school Spanish or SPN 111 or the equivalent.)
Continued listening, speaking, reading and writing in Spanish with further study of the culture of Spanish-speaking regions. Emphasis is on strengthening the reading, writing, speaking and listening skills of the beginning student. Not open to native speakers of Spanish.

TSE 098 Writing Fundamentals **(5-0-5*)**
This course is designed to help students improve basic writing skills. The course will emphasize: understanding sentence structure, reviewing grammar extensively, sharpening proofreading and editing skills, developing paragraphs with clearly expressed main ideas, and providing support using examples, explanations, and other methods. *This course carries five hours of institutional but not earned-degree credit.

TSE 099 Introduction to Composition **(5-0-5*)**
(Prerequisite: TSE 098 or placement test)
This course prepares students for college level English composition. Topics include understanding audience, developing and

organizing paragraphs and essays, using transitions, revising, and improving grammar and proofreading skills. *This course carries five hours of institutional but not earned-degree credit.

TSM 098 Elementary Algebra **(5-0-5*)**
This course begins with a review of basic arithmetic skills and progresses to a study of beginning algebraic concepts. *This course carries five hours of institutional but not earned-degree credit.

TSM 099 Intermediate Algebra **(5-0-5*)**
(Prerequisite: TSM 098 or placement test)
This course begins with a review of basic algebraic skills and progresses to a study of intermediate algebraic concepts including absolute values, inequalities, and quadratic equations. *This course carries five hours of institutional but not earned-degree credit.

TSR 099 Practical College Reading **(5-0-5*)**
This course provides instruction in vocabulary and comprehension skills with emphasis on academic applications. Topics include vocabulary development, comprehension skills development, critical reading skills and study skills. *This course carries five hours of institutional but not earned-degree credit.

TSR-098 Practical College Reading **(5-0-5*)**
This course provides instruction in vocabulary and comprehension skills with emphasis on academic applications. Topics include vocabulary development, comprehension skills development, critical reading skills and study skills. *This course carries five hours of institutional credit.

Graduate Studies

The College of Graduate and Undergraduate Studies at Life University provides a broad-based educational experience for our students. The College offers an accredited post-baccalaureate program and four Master's degrees that will prepare the student for careers in a variety of professional fields.

The post-baccalaureate dietetics programs provide didactic and internship opportunities for students who aspire to achieve Registered Dietitian credentials.

The Master's in Sport Health Science (established 1990) leads to careers in fields such as sports chiropractic, exercise science, athletic coaching, sports injury management, and performance nutrition.

The Master's in Clinical Nutrition (approved 2012) leads to careers in organizations such as physician's offices, hospitals, schools, health clubs, nursing homes, and food companies in areas such as research, development, sales, marketing, public relations and public education. Nutrition professionals with a Master's degree are often considered first for positions in specialty fields such as pediatrics, critical care, and geriatrics, as well as management positions.

The Master's in Athletic Training (approved 2014) leads to careers in the healthcare profession providing comprehensive care to athletes and physically active individuals. A Certified Athletic Trainer (ATC) is involved in the prevention, assessment or evaluation, treatment, and rehabilitation of athletic injuries. An ATC may be employed in high schools, colleges, sports medicine clinics, professional sports programs, corporations and other health care settings.

The Master's in Positive Psychology (launched 2014) leads to careers in research, management, and leadership in business organizations, educational institutions, and governments, as well as health care. With three tracks covering coaching psychology, secular ethics and contemplative science, and general positive psychology, students are prepared for careers in the field or advanced degrees of their choice.

The faculty and staff promote an atmosphere in which open communication and free exchange of ideas can flourish in a supportive environment.

Graduate Academic Programs

Post-Baccalaureate Dietetic Internship (DI)

Non-Degree Track: Academically qualified interns opting for this track will be eligible to take the National Dietetic Registration Examination and earn the Registered Dietitian (R.D.) credential.

Additionally, individuals who have graduated with a non-nutrition bachelor's degree and who want to pursue a career as a Registered Dietitian may complete the required preparatory coursework through the ACEND-accredited programs at Life University. After successfully completing approximately 38 to 68 credit hours, students receive a verification statement that makes them eligible to apply for an internship.

Graduate Degree Track: Students enrolled in the DI program may pursue the Master of Science in Clinical Nutrition and receive 9 transfer credits from the Internship Program toward completion of this graduate degree.

Obtaining a Dietetic Internship position is a competitive process administered through a national program that matches the most motivated and qualified students with internship opportunities across the country.

Life University admits 16 students annually to its accredited Dietetic Internship program. Students complete approximately 14 or 15 rotations under the guidance of a registered dietitian, medical doctor or other allied health professional.

- Master of Athletic Training
- Master of Science in Clinical Nutrition
- Master of Science in Positive Psychology
- Coaching Psychology Track
- Secular Ethics and Contemplative Science Track
- General Positive Psychology Track
- Master of Science in Sport Health Science

- Chiropractic Sport Science Track
- Exercise and Sport Science Track
- Nutrition and Sport Science Track
- Sport Coaching Track
- Sport Injury Management Track

Graduate Programs Contact Information

- For questions related to the Post-Baccalaureate Verification Statement and Dietetic Internship, contact:
  Nutrition Department Chair, Dr. Vijay Ganji 1269 Barclay Circle, Marietta, GA 30060
  770-426-2736 • vijay.ganji@LIFE.edu
- For questions related to the Master of Athletic Training, contact:
  Program Director, Dr. Donald Fuller 1269 Barclay Circle, Marietta, GA 30060
  770-426-2771 • donald.fuller@LIFE.edu
- For questions related to the Master of Science in Clinical Nutrition, contact:
  Nutrition Department Chair, Dr. Vijay Ganji 1269 Barclay Circle, Marietta, GA 30060
  770-426-2736 • vijay.ganji@LIFE.edu
- For questions related to the Master of Science in Positive Psychology, contact:
  - Contemplative Studies and Secular Ethics – Dr. Brendan Ozawa de Silva
    1269 Barclay Circle, Marietta, GA 30060 • 770-426-2697 • brendan.ozawa@LIFE.edu
  - Coaching Psychology – Mr. Mickey Parsons
    1269 Barclay Circle, Marietta, GA 30060 770-426-2697 • mickey.parsons@LIFE.edu
  - General – Department Chair, Dr. Peggy Samples
    1269 Barclay Circle, Marietta, Georgia 30060 • 770-426-2697 • psamples@LIFE.edu
- For questions related to the Master of Science in Sport Health Science, contact:
  Sport Health Science Department Chair, Dr. Cathy Faust
  1269 Barclay Circle, Marietta, GA 30060 • 770-426-2771• cfaust@LIFE.edu

Graduate Tuition and Fees

All tuition and fees are due and payable upon registration but not later than the end of the second week of classes each quarter. If awarded financial aid falls short of total charges for the quarter, the student is responsible to pay the difference.

Tuition fees at the master's degree level are $238.00 per credit hour.

Effective Summer Quarter 2014, all graduate online courses will be charged at a rate of $357.00 per credit hour.

The annual tuition for the Dietetic Internship (DTR 511) is $8,000 (student fee exempt).

Auditing is available to students, staff, and faculty as well as interested persons from the general public (some course restrictions may apply). Students who audit a course will be charged $100 per course (+ $20 parking fee, as applicable). Students who wish to audit only portions of a course for course hours will be charged $100 per 30 hours (+ $20 parking fee, as applicable).

All Main Campus students are assessed a $350.00 quarterly student fee.

Note: Tuition and fee rates are subject to change. The University and its various divisions and departments reserve the right to modify requirements, policies, and fees without prior notice.

Financial Aid Awarding Policy

A student must have at least half-time status in a program of study to apply for financial aid. You cannot combine credits from more than one program to meet the half-time status. If your registration changes from when you were awarded, you must contact the Financial Aid Office. See or call the Financial Aid Office if you are unsure of your financial aid status.

- Undergraduates will be awarded based on 15 hours per quarter.

- Graduate students will be awarded based on 12 hours per quarter.
- Doctor of Chiropractic Program students will be awarded based on 25 hours per quarter.

Failure to pay all charges due on a student's account will restrict his or her ability to register for future quarters, receive (order/send) official transcripts and diplomas, or graduate with a degree.

Reminder: A student must have at least half-time status in a program of study to qualify for most types of financial aid. For financial aid purposes, half-time enrollment status in Life University's graduate programs is a minimum of 5 credit hours. 9 credit hours is considered full-time. Students who plan to skip enrolling in classes for one or more quarters should notify the Registrar in writing.

If a student withdraws from a class, refunds of tuition paid are given based on a sliding scale depending on the date of withdrawal from the class. No refund of tuition or fees is made for withdrawn courses when a student is dismissed, suspended, or expelled for disciplinary reasons.

Satisfactory Academic Progress and Financial Aid

Effective July 7, 2011 (supersedes all former policies)

The United States Department of Education and most agencies providing financial assistance require students to maintain Satisfactory Academic Progress (SAP) in their course of study to continue receiving funding. Failure to maintain SAP will result in the loss of Federal Title IV financial aid as well as State and other aid.

Federal Title IV financial aid includes the Pell Grant, Supplemental Education Opportunity Grant (SEOG), Subsidized Loan, Unsubsidized Loan, Parent Loan for Undergraduate Students (PLUS), Graduate PLUS loan and Federal Work-Study. State aid includes the Georgia Tuition Equalization Grant (GTEG), HOPE Scholarship and Leveraging Educational Assistance Partnership Grant (LEAP).

The student's entire academic history is evaluated to determine whether or not he/she is maintaining SAP. This evaluation is not affected by whether or not aid was previously received or whether a student has changed programs. The Federal Student Aid program regulations make no provision for the concept of academic amnesty or grade forgiveness.

Graduate Program Expectations

Master's students will be evaluated at the end of each quarter. Students in the Graduate (GR) program are expected to complete at least 67 percent of all attempted hours with a minimum cumulative grade point average of 3.0. Graduate students will be evaluated after their first (and every subsequent) quarter in the program because of the short duration of the Master's program.

Students not meeting SAP will be placed on financial aid warning for one quarter. If at the end of their warning quarter students are still not meeting SAP, they will become ineligible. Students may regain Federal eligibility by enrolling using their own resources or alternative funding sources until they have met a cumulative 3.0 GPA and completed 67 percent of their courses.

SAP is measured in three ways:

1. Qualitative Standard (Grade Point Average – GPA):
    - The cumulative GPA is provided by the Registrar's Office, and is listed at the bottom of the student's transcript.
    - Graduate students must maintain a cumulative GPA of 3.00 or higher.
2. Quantitative Standard:
    - All students are expected to complete at least 67 percent of all courses attempted.
    - Attempted courses are defined as those for which one has registered and been charged, in which grades of A, B, C, D, F, W, WF, I, P, SP, NP, WNP or IP are given.
    - Completed courses are defined as those in which grades of A, B, C, SP or P are given.
3. Time Frame

    All students are expected to finish their degrees after having attempted coursework not to exceed 150 percent of their graduate program requirements (measured in credit hours attempted).

Students seeking a Master's degree may not receive financial aid after having attempted graduate credit hours that exceed 150 percent of degree requirements.

Appeals

If there are extenuating circumstances beyond their control, students have the right to appeal their SAP determination. The appeal must be directly relatable to the academic period for which the student is being evaluated and cannot have been previously submitted for review.

Appeals must be submitted in writing using the SAP appeal form obtained by speaking with the Financial Aid Counselor and MUST include supporting third-party documentation. Appeals without supporting documentation will not be accepted. Students are required to submit a statement regarding why the student failed to make SAP, and what has changed in the student's situation that would allow the student to demonstrate Satisfactory Academic Progress at the next evaluation.

Submitting an appeal does not guarantee approval and if the appeal is denied students will be responsible for paying the Institution any balance owed without Federal funds. The Financial Aid Appeals Committee (FAAC) will consider each appeal on its own merits and the decision of the FAAC committee is final.

During the FAAC review it will be determined if the student can or cannot meet SAP after the next quarter of enrollment. This will be done by looking at the student's current transcript of completed classes and the GPA for all quarters attended at Life University in the appropriate program.

SAP Academic Plan

Any student who has their SAP decision successfully appealed and cannot meet SAP after the next quarter of enrollment will receive an Academic Plan and be placed on Financial Aid Probation.

The Academic Plan will be individualized and specific to each student in order to put the student on track to successful academic progress in no more than four quarters.

If at any time during an Academic Plan students do not meet the terms of their plan, they will lose their Federal aid and will not be eligible to appeal. If, when presented with the Academic Plan, the student chooses not to accept it, the student will need to pay using other resources until meeting the minimum requirements for SAP.

Students who choose not to appeal or have their appeal denied may regain their eligibility for financial aid by enrolling using their own resources or alternative non-Federal funding and bringing their academic performance into compliance with this policy.

Students who separate from the Institution without appealing when not meeting SAP, lose their right to appeal the decision.

Students returning to the Institution and not meeting SAP upon their return will be responsible for using their own resources or using Private loans.

Once the students are meeting SAP, they must self-identify to the Financial Aid Office and request to be reevaluated for Federal aid.

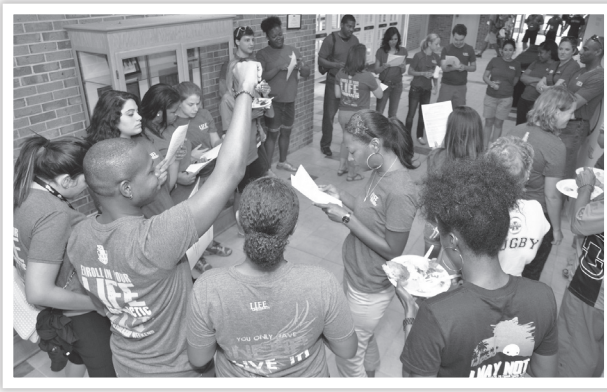
Definitions:

Financial Aid Probation—A status assigned to a student who has successfully appealed and has had eligibility for aid reinstated. Probation can only be granted if the school determines the student should be able to meet the school's SAP standards by the end of the subsequent quarter. A student on Financial Aid Probation may receive Title IV funds for one quarter.

Financial Aid Warning—A status assigned to a student who fails to make Satisfactory Academic Progress and has his/her academic progress evaluated at the end of each payment period, and is utilized when an Institution chooses to allow students who fail its progress standards to continue to receive aid.

Obtaining a Second Degree at LIFE

For SAP purposes, students who have earned one degree at LIFE and wish to work toward a second degree will start over again, just as if they were new students.



Transfer Courses

For SAP purposes, transfer courses accepted as credit toward the Life University degree will be counted in the quantitative standard, but not the qualitative standard.

Graduate Academic Policies

Students should refer to each degree program page for any additional requirements specific to their program(s) of interest.

Application Process

Applications for admission to a graduate program may be obtained by writing the Life University Office of Enrollment, 1269 Barclay Circle, Marietta, GA 30060, USA, by telephoning 800-543-3202 or 770-426-2600, by e-mailing admissions@LIFE.edu, or by visiting LIFE.edu and clicking on the "Admissions – Apply Now" link.

A student applying for admission is required to submit the following materials to Life University's Office of Enrollment:

1. A completed application for graduate study accompanied by an application fee of $50.00 (The fee is non-refundable and constitutes part of the applicant's admissions credentials.);
2. An official copy of all undergraduate and graduate transcripts (if applicable) showing courses, grades, and date(s) of graduation (Transcripts must come directly from the college/university where the coursework was accomplished and sent directly to Life University's Office of Enrollment.);
3. Official Graduate Record Examination (GRE) or Miller Analogies Test (MAT) test scores depending on program area (Applicants are urged to complete all testing well in advance of applying for admission to Life University.);
4. Three original letters of recommendation, written expressly for the Master's program, providing personal evaluations of the applicant's previous professional, educational, and work experiences; and
5. A current resume or curriculum vitae (CV), personal statement, and two-page cover letter stating his or her goals and objectives for pursuing a graduate degree.

Application Process for International Students

All international applicants must meet the requirements previously outlined and submit the additional requirements listed below to Life University's Office of Enrollment. Life University is approved for enrollment of international students, by the U.S. Citizenship and Immigration Services.

1. International transcripts evaluated by an approved international agency (Contact Life University's Office of Enrollment for a complete list of approved international transcript evaluation agencies. Some Canadian schools need not be evaluated externally.);
2. A satisfactory score of 500 or more on the Test of English as a Foreign Language (TOEFL) if the applicant's native language is not English (Students with scores below 500 – or an equivalent score on other approved tests such as MELAB, i.e., score of 70 – will be admitted but will be required to take English courses at Life University or another institution until they achieve a TOEFL score of 500 or above); and
3. Evidence of having the financial resources or funding commitment to complete at least one year of education (Financial resources should include expenses for room, board, tuition, and incidental expenses.)

Documentation must be dated within six (6) months of anticipated matriculation date. All documentation must be received by Life University at least 45 days prior to the beginning of the quarter of initial matriculation.

Any student falsifying admissions or registration information is subject to immediate dismissal from Life University.

Application Schedule

A student may begin their course of study at Life University in any quarter as applications for admission are accepted quarterly throughout the year for all concentration areas except for the Master of Athletic Training degree program (MAT).

Applications are considered in the order in which they are received. The Master of Athletic Training program is an exception. Acceptance into the professional graduate MAT degree program is limited to an annual basis (program starts in July of each

year). Due to the competitiveness of the MAT degree program, application materials should be received by February 1 of each year.

The Master of Science in Positive Psychology will accept students in Fall 2014 and will begin quarterly acceptance in Fall 2015.

All admissions requirements for the specific Master's degrees should be met and all official documentation received by Life University's Office of Enrollment 30 days (45 days for all international students) prior to the beginning of the quarter of intended matriculation.

Admissions Process

For all categories of applications, communications and files are maintained by Life University's Office of Enrollment.

Recommendations for admission status are sent to the Graduate Admissions Committee.

After review by the appropriate department's Graduate Admissions Committee, recommendations for admission status, including denial, are confirmed by the Program Directors and/or the Department Chairs of the respective degree programs in the College of Graduate and Undergraduate Studies.

Admission Requirements

A. Degree Requirements

1. A prospective student must possess, at a minimum, either a Bachelor's degree or a Doctor of Chiropractic from a regionally accredited institution.
2. Students having an undergraduate degree and enrolled in the Doctor of Chiropractic program at Life University may enter a graduate program providing they fulfill all other admission requirements.

B. Attainment of Degree

Chiropractic students without an undergraduate degree may apply to the Master's program upon completion of a total of 180 quarter or 120 semester hours. However, the master's degree will not be awarded until the first professional degree or undergraduate degree is conferred.

Admission Status

Categories of Admission

Students may be accepted in the their respective graduate programs with full, provisional, or at large status.

Accepted – Full Standing

A student must have submitted the following materials and met the appropriate standards to be considered for admission in full standing:

1. Completed application to the Master's program
2. Minimum GPA (grade point average) of 3.0 on a 4.0 scale during last 90 quarter or 60 semester hours
3. GRE (Graduate Record Examination) with a score of 280 or better cumulative, or MAT (Miller Analogies Test) results with a minimum score of 40
4. Three original letters of recommendation, written expressly for the Master's program, providing personal evaluations of the applicant's previous professional, educational, and work experiences
5. Other identified admissions criteria, such as resume and personal statement of goals and objectives, and/or interview if invited by their program's admission committee
6. Completed prerequisite coursework.

Accepted – Provisional

Students who are lacking any of the requirements for Full Standing may be admitted on a provisional status. A student admitted provisionally must achieve a minimum 3.0 GPA during their first 12 credit hours of course work and submit all necessary requirements previously lacking prior to progressing forward. Failure to do so will result in removal from the program.

Accepted – Student-at-Large

Student-at-large status is designed for students who wish to take a limited number of graduate courses that are related to their academic or professional background. These students are not necessarily seeking an advanced degree. Students who do not meet the requirements for full standing or provisional acceptance may apply for student-at-large status and, at a later time, apply for acceptance as a degree-seeking student. Students accepted under this status are not enrolled as degree-seeking candidates in the Master's degree program and, therefore, do not qualify for financial aid.

1. Students applying for student-at-large status must provide an official copy of all undergraduate and graduate transcripts (if applicable) showing courses, grades, and graduation date(s). Transcripts must come directly from the college/university where the coursework was accomplished and sent directly to Life University's Office of Enrollment.
2. There is no limit to the number of hours that may be accumulated as a student-at-large, but hours may be limited as determined by the Graduate Program.
3. If a student seeks to change the admission status from student-at-large, all required admissions materials must be submitted for review. It is the prerogative of the Graduate Admissions Committee and the Dean to accept or reject the application for graduate study.

Denied Acceptance

This status is assigned to each applicant whose file has been deemed completed by the Office of Enrollment, evaluated by the transcript analyst, presented to the program's Graduate Admission Committee, and subsequently denied acceptance by the Committee and/or the Dean.

Admissions Statute of Limitations

An accepted applicant applying to the Graduate Program is expected to enroll in the quarter for which they have applied. The applicant may request to change the intended enrollment date by providing written notification to the Office of Enrollment regarding a change in the intended enrollment date and secure approval of the change. An accepted applicant failing either to give notice and to obtain prior approval of a change, or to enroll within one calendar year of the quarter for which he/she was originally accepted, will be required to reapply for admission. Life University reserves the right to request any or all of the required admission materials and fees for reapplication.

Readmission

Any previously admitted Life University student, regardless of prior admission status, who voluntarily or involuntarily remains out of school for less than three consecutive quarters, must first petition for readmission at the Registrar's Office. This readmission petition may be referred to the Graduate Admissions Committee for evaluation.

Reapplication for Admission

If a student remains out of school for three consecutive quarters or more, for any reason, that individual must first reapply for admission (new application and application fee required) through Life University's Office of Enrollment and their reapplication will be evaluated for readmission by the Graduate Admissions Committee and/or the Dean of the College of Graduate and Undergraduate Studies.

Academic Progress and Degree Completion

Advising

1. All graduate students will be advised each quarter by their assigned (as specified in their acceptance letter) Academic Advisor in their respective department.
2. Web registration/add/drop is not permitted for Master's students, as they are required to complete a degree plan with their graduate academic advisor.

Attendance

It is advised that students be in attendance at all classes, residencies, and laboratory periods for which they are registered to avoid penalties for inadequate work due to absences. Each student is expected to attend, be prepared and participate in course learning experiences.

Students who are absent or who fail to responsibly notify their faculty member and abide by the provisions of the course syllabi will risk dismissal from the classroom and failure of the class, by decision of the faculty member. Instructors may be able to accommodate students whose absences are caused by illness and job or family-related responsibilities, but the student is responsible for all missed work.

Course Loads

A course load of nine credit hours of graduate level work is considered full time. A graduate student may register for up to sixteen credit hours but may not exceed this limit.

Courses and Credits

Transfer of Credits

A student may be able to transfer up to 12 quarter hours (nine semester hours) of graduate credit (depending on program) earned at another regionally accredited institution (international credits may be considered based on submission of a transcript evaluation from an accepted foreign credit evaluation clearing house i.e. World Education Services [WES] or AACRAO). These hours must be equivalent to courses taught at Life University. Equivalency is determined by the program coordinator/ department.

The following are required before transfer of credit from another institution will be considered:

1. Evidence that courses are equivalent in content and quality to those given at Life University. It is up to the transferee to prove equivalency. Examples of evidence include college catalog, course description from class, syllabi, etc.
2. An official transcript indicating that work has been completed with a grade of "B" or better (3.0 on a 4.0 scale) from a regionally accredited institution.

See the Completion of Degree and Graduation section of this catalog for time and completion policies.

Transient Credit Work

Students who desire to take courses at other institutions must receive prior approval from the department chair and the dean. Courses requested for transient credit will be examined to ensure that they are not a duplication of work already completed and that they are appropriate to the graduate program in which the student is enrolled.

After review and approval by the department chair and dean, the transient credit form will be forwarded to the Office of the Registrar.

Non-degree Credit

Life University also offers graduate-level courses, workshops and seminars for professional development, including the post-baccalaureate dietetic programs. Applicants may enroll if they have earned a bachelor's degree. An official transcript of all college-level work should be submitted prior to enrollment in courses. (Students taking workshops are not required to submit official transcripts.)

Non-credit Coursework

Life University offers the opportunity for students to audit courses for no academic credit. Prerequisites must be met for all courses. Approval may be required by the program director in the program area in which the course is offered.

Prerequisite Courses

All prerequisite courses must be completed with a grade of at least a "C" or better.

Good Standing Requirements

Each degree-seeking student must maintain satisfactory academic progress and be in "Good Standing" academically.

1. To be in "good standing" academically, a degree-seeking student must, after completing twelve credit hours, maintain a

minimum cumulative grade point average of 3.0 with no outstanding or unresolved failed classes.

2. Students should be on track to complete their degree program within 150 percent of normal program length (9 quarters) or less.

Grading Policy

Consistent with graduate level studies, all grades earned will be counted towards calculating the student's GPA.

Grievance Procedures

Students should try to resolve any problems by first discussing the issue with the person directly involved. Any problems that the student cannot resolve should be brought to the attention of the Department Chair. If the problem cannot be resolved between the Department Chair and the student, then the Department Chair will refer the matter to the Dean of College of Graduate and Undergraduate Studies, who has the final authority. Appropriate documentation of the problem and relevant supporting information is required at every step of the grievance procedure.

Dropping Courses

Dropping courses is defined as removing one or more, but not all, classes currently scheduled. Students who wish to drop a course after the registration period, must complete a Schedule Adjustment form and submit it to the Student Advocacy Center by Monday (Week 8) of the current quarter. If a student does not complete a Schedule Adjustment form to formally drop a course, the student may receive an "I" incomplete, "F" fail, or "NP" no pass grade(s). Refer to the current Academic Quarterly for the listing of prorated refund schedules and dates for dropped course(s).

Withdrawal from the University

Withdrawal from classes is defined as removing all classes currently scheduled. Students who wish to withdraw must do so, in writing, by Monday of week 10 and will receive a grade "W" beginning week 2. Students who withdraw prior to week 7 will receive a grade "W." From week 7 to week 10, withdrawal grades are assigned either as "WF" or "WNP." See the current Academic Quarterly for specific withdrawal deadline dates.

Graduate Minimum Academic Progress

A student's minimum progress is tracked both by grades and cumulative grade point average. If a student does not meet a graduate program's standards of minimum progress, the student may be placed on probation or dismissed from the degree program.

Degree seeking students who do not maintain "good standing" academically will be affected by the following academic restriction policies or termination:

Academic Probation

Academic probation is a warning to a student that the quality of his or her academic performance is below acceptable standards. If this situation is not remedied, then the student will not be eligible for advancement to candidacy.

A student is placed on academic probation at the end of any quarter in which his/her cumulative grade point average drops below 3.0. A student who receives an academic probation warning must immediately seek help by contacting his/her advisor to determine a course of action to remedy the situation.

Three consecutive quarters of academic probation or two failing grades (either in the same class or two different classes) will result in termination from the program. As standard with graduate level studies, all grades earned will be counted in the calculation of the students' overall graduate GPA.

Academic Termination

Termination will occur for a student who fails to maintain satisfactory academic progress or who demonstrates academic misconduct in one or more of the following ways:

1. Three consecutive quarters of academic probation will result in termination from the program.
2. Any provisional student that does not achieve a GPA of 3.0 during their first 12 credit hours of course work will be removed from the program.

3. A student who receives two failing grades will be subject to termination from the program.

Appeals Process

Students have the right to appeal discrepancies in their Satisfactory Academic Progress to the Dean of the College of Graduate and Undergraduate Studies through the Department Chair of their program of study.

Student Rights and Responsibilities

The Graduate Program is devoted to the discovery and communication of knowledge. In this endeavor, academic integrity is critically important and taken very seriously. Students within the program are expected to adhere to their professional code of ethics and to the University's ideals and values of truth and integrity.

It is the responsibility of the student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions and from conduct that aids others in such infractions. It is the responsibility of the faculty, administration and students to establish and maintain an environment that supports academic integrity. In addition, to the preceding considerations, the program and the department must assess student learning. This is accomplished through evaluation.

It is expected that the student complete all tasks within the time structure and framework/structure dictated by the course syllabus. Each student has an obligation to respect the rights of other students and the faculty in completing all academic assignments.

Academic dishonesty includes cheating, plagiarism and facilitating infractions with respect to examinations, professional writing in course assignments, alteration. of records or computer fraud. Academic dishonesty also includes being aware of another student's dishonesty and failing to report awareness of the student's behavior.

Definitions

Cheating: Cheating would include using or attempting to use in any academic exercise materials, information, study aids or electronic data that the student knows or should know is unauthorized.

Plagiarism: Plagiarism is representing the words or ideas of another as one's own. Honesty requires that any ideas or materials taken from another source for either written or oral use be fully acknowledged. The language or ideas taken from another may include but are not limited to isolated formulas, sentences or paragraphs to entire articles copied from books, periodicals, speeches or the writing of another student. The offerings of materials assembled or collected by others in the form of projects or collections without acknowledgement also are considered plagiarism. Any student who fails to give credit for ideas or materials taken from another source is guilty of plagiarism. Plagiarism is taken very seriously within the graduate program.

Conduct and Behaviors

The graduate program strictly adheres to established policies of conduct and behavior for students, faculty and administration. These policies were established to maintain an atmosphere conductive to the effective education of students. Administrators, faculty, research mentors and students must function as partners to be effective within a community of scholars. Graduate students of Life University's programs represent professionals within a community committed to the highest codes of behavior and ethics, where few problems should arise.

To clarify what constitutes high standards of behavior and conduct, the following types of misconduct are subject to disciplinary action and include but should not be considered limited to:

1. All forms of academic dishonesty, cheating, fabrication, facilitating academic dishonesty and plagiarism.
2. Violations of the University's alcohol, tobacco and drug-free environment policy.
3. Furnishing false information (false identification, etc.) to the University, department, and employee or an employee agent.
4. Violation of the University's IRB policies
5. Engaging in harassment or unlawful discriminatory activities or violating department rules governing harassment or discrimination.
6. Any act of behavior that interferes with or disrupts instruction, research, conducting the activities of the program, department or University (includes use of cell phones, texting, inappropriate online activities).

(Excerpts of the preceding adopted with permission from the rmuohp.edu student handbook.)

Academic Freedom

Academic freedom is a principle and value that guides academic life and drives the pursuit of intellectual curiosity within the university community. In essence, academic freedom means:

Students and faculty have the freedom within the classroom and within the online classroom environment to introduce, discuss and pursue their content subject matter in a curious but responsible manner. Therefore, within this evidenced based practice environment, academic content may be challenging but should have scientific evidence to support health care claims. Without such scientific evidence, the faculty member or the student is pursuing a "hunch," not scientific research.

Students and faculty have the freedom to pursue research topics and write for publication, in so far as it is in accordance with policies on research and meet guidelines regarding conflict of interest within the academic community.

Academic freedom can be open to interpretation by the program, department and university officials and requires both faculty and students practice due diligence in consideration of academic content and research pursuits that meet the common good and mission of the program, department and University.

Students and faculty are citizens of a community of learners and part of a larger global community; as such they have rights to freedom of speech, in writing and thereby freedom of censorship. However, as professionals and professionals in pursuit of higher education, both must be mindful of their obligations to their professional community, the program, the department and the university as well as the public and the perceptions of others within the health care community regarding their professional actions. Therefore, words whether written or spoken must be accurate and should exercise restraint, when appropriate and should respect the opinion of others and be validated with scientific literature, when appropriate.

(Adapted from the 1940 Statement of Principles on Academic Freedom and Tenure of the American Association of University Professors.)

Advancement to Candidacy

Admission to Life University does not imply advancement of a student to candidacy for a degree. Advancement to candidacy is contingent on the approval of the Department Chair and the Dean of the College of Graduate and Undergraduate Studies after the student has met the formal requirements and has demonstrated sufficient proficiency to attain the graduate competencies required for this degree.

Advancement to candidacy requires:

1. All acceptance (admission materials) requirements must be fulfilled;
2. Successful completion of the area of concentration course work with a minimum grade point average of 3.0 on a 4.0 scale; and
3. Successful completion of a thesis, written comprehensive examination, and/or departmental research project.

Graduation Requirements

The following is a list of the requirements for graduation:

1. A minimum cumulative 3.0 ("B") grade point average on a 4.0 scale;
2. Successful completion of all academic requirements;
3. Advancement to candidacy status;
4. Payment of all fees;
5. Filing of a petition to graduate (completion of the application for graduation form); and
6. Completion of both the Administrative and Student Records Reviews.
    a. Registrar's Office – completion of a formal academic records review
    b. Financial Aid Office – exit interviews with a Counselor
    c. Student Accounting – "Perkins" exit interview and rectification of account balance

Participation in Graduation Ceremonies

Graduate students may participate in the graduation ceremonies during the quarter in which the student is registered and has taken the comprehensive exam or during the quarter in which the oral thesis defense is scheduled.

Graduation ceremonies are held twice a year in June and December. March graduates and potential June graduates will be eligible to participate in the June ceremony and the September graduates and potential December graduates will be eligible to participate in the December ceremony.

Five Year Completion Rule

A maximum time limit of five (5) calendar years is placed on the completion of all requirements for a graduate degree. Students are expected to complete their program of study and graduate within five calendar years from their program matriculation date. Students who do not maintain satisfactory academic progress to complete their graduate program requirements within this time limit will be ineligible to graduate.

Appeals to this rule may be made to the Dean of the College of Graduate and Undergraduate Studies.

Department of Nutrition

- Post-Baccalaureate Dietetic Internship
- Master of Science in Clinical Nutrition

Chair: Vijay Ganji, PhD

The Department of Nutrition at Life University offers the accredited post-baccalaureate Dietetic Internship program and the Master of Science in Clinical Nutrition degree. Students in the Master's program take 52 credit hours in advanced course work in nutrition, which requires them to analyze concepts of evidence-based practice and research, develop skills in counseling and behavior management, evaluate nutrition issues and community policy, define and assess management and leadership styles, and compare and contrast the quality of research studies. Opportunities for application of classroom theory and discussion are available each quarter.

Students in the Nutrition graduate program have access to state of the art classrooms, nutrition assessment laboratories, an exceptional teaching kitchen with a culinary demonstration amphitheater as well as growing clinical research facilities. The City of Atlanta also offers a plethora of clinical, community and research opportunities, including being home to the Centers for Disease Control and Prevention.

Mission of the Department of Nutrition

The mission of the Department of Nutrition is to educate evidenced based, advanced level graduates, who retain the critical analysis and scientific knowledge abilities necessary to be vitalistic transformational leaders and practitioners sought in the field dietetics and nutrition. Graduates of this program will be prepared to support a mission of diversity within multiple global community, research and clinical settings, understanding that nutrition and dietetics is a dynamic and vital part of health and well being.

Department Objectives

The Department of Nutrition has set the following objectives:

1. To employ licensed professionals and experienced researchers, who will conduct the classroom experience with high standards and expectations of students.
2. To follow an evidenced based curriculum, stimulating critical thinking and analysis skills as well as writing proficiencies, while appreciating the diverse and dynamic nature of nutrition in improving health and wellbeing.
3. To provide multiple opportunities for scholarly discourse, research apprenticeships and research projects to ensure their evidenced based research and practice abilities and career opportunities.
4. To encourage students within the classroom and beyond to engage in scholarly inquiry and investigation, culminating with a scholarly research study and/or project.
5. To give students the opportunity to integrate research into practice through principles of evidence-based research, practice and translational research.

Technical Standards for Master of Science in Clinical Nutrition Students

Upon application to the Master of Science in Clinical Nutrition graduate program, all candidates are subject to the Nutrition Technical Standards policy as presented below in the Graduate Catalog. During application, all candidates must sign a certifying statement as represented below for placement in their permanent record.

"I hereby certify that I have read, and understand the Nutrition Department's Technical Standards Minimum Essential Skills as listed in the Life University Graduate Catalog and am able to perform the essential and fundamental functions and tasks of the Master of Science in Clinical Nutrition degree program with or without a reasonable accommodation."

The study of nutrition and dietetics involves the integration and application of principles from a broad area of study including food science, nutrition, management, behavioral, communication, biological, physiological and social sciences. Therefore, individuals receiving a Master's degree in Clinical Nutrition must complete all academic and clinical course requirements. Students must demonstrate certain minimum essential skills, including but not limited to those listed in the following box, in order to gain admission and to meet the full requirements of the program's curriculum.

Technical Standards Minimum Essential Skills —Department of Nutrition

Sensory/Observation:

1. A student must have sufficient sensory capacity to observe and participate in demonstrations and experiments in the basic and applied sciences including, but not limited to, demonstrations on human cadavers, animals, microbiologic cultures, and microscopic studies of microorganisms and tissues in normal and pathologic states.
2. A student must be able to utilize all assessment parameters in order to assess the nutritional status of the clients and implement a nutritional care plan to achieve optimal nutritional status (i.e., obtaining the client's history, performing physical assessments, anthropometric measurements and analysis of laboratory data).
3. In addition, a student must have sufficient vision to observe physical changes such as in skin and eye color or changes in other areas of the body.

Communication:

1. A student must be able to communicate effectively with patients and their family members, in order to elicit information, describe changes in affect, mood, activity, and posture and to perceive nonverbal communications.
2. A student must be able to communicate effectively and sensitively with patients. Communication includes not only speech, but also reading and writing. The student must be able to communicate effectively and efficiently in oral and written form.
3. A student must have verbal and written communication skills sufficient to conduct patient interviews and record clinical histories, communicate results of diagnostic findings, and make assessments and plans known to patients, their family members, and members of the health care team.
4. A graduate student is expected to analyze, conceptualize and summarize complex relationships as ascertained from patient records, research studies and other written reports and be able to communicate that information effectively.

Motor/Strength/Coordination:

1. A student must have sufficient dexterity and motor function to elicit information from clients by palpation, auscultation, percussion and to perform diagnostic procedures including, but not limited to obtaining the client's history, performing physical assessments, anthropometric measurements and analysis of laboratory data.

Intellectual/Conceptual/Integrative/Quantitative Abilities:

1. A student must have sufficient conceptual, integrative and quantitative abilities. These abilities include but are not limited to measurement, calculations, reasoning, analysis and synthesis.
2. Additionally, a student must be able to understand the spatial relationships of the nutritional status, nutrient intake and any special conditions.
3. Problem solving in group, individual and collaborative settings requires all of these intellectual abilities. Testing and evaluation of these abilities in the Department of Nutrition employ examinations as an essential component of the curriculum. Successful completion of these examinations is required of all candidates as a condition for continued progress through the curriculum. Examples of these assessments include but are not limited to essay, oral and/or extended multiple-

choice tests, compositions, oral presentations, and lab practicums designed to assess a variety of cognitive and non-cognitive skills in a simulated or supervised clinical settings.

4. All written or word-processed information must be in a comprehensible format.
5. A student must be able to critically analyze, synthesize and evaluate/interpret psychosocial research and be able to utilize available data to conduct evidence based studies in the field of nutrition and dietetics.

Behavioral and Social Attributes:

1. A student must possess the emotional health required for utilization of his/her intellectual abilities.
2. Students must be able to exercise good judgment in the prompt completion of all academic and clinical responsibilities.
3. Students must be able to develop mature, sensitive, ethical and effective relationships. Stressors may include but are not limited to environmental, chemical, physical or psychological.
4. Students must also be able to adapt to change, display poise and flexibility in the face of uncertainties and stressful situations, and to independently demonstrate empathy, integrity, compassion, motivation and commitment commensurate with the habits and mannerisms of professional training to become a nutritionist or dietitian.
5. Students must portray attributes of professionalism that include but are not limited to honesty, caring, respect, trustworthiness, competence and responsibility to and for their colleagues and patients.

Life University complies with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act (ADAA) of 1990, as amended and the ADAA 2008. These laws provide a framework for qualified individuals with documented disabilities to request reasonable accommodations needed to participate in a program.

Reasonable accommodations are defined as adjustments or modifications that enable a qualified individual with a documented disability to participate as fully as possible in an educational program. An adjustment or modification must be reasonable and may not be provided if it would alter essential academic or technical requirements or result in undue financial or administrative burdens.

Qualified candidates with documented disabilities who wish to request accommodations under the American with Disabilities Act or the Rehabilitation Act must follow the University's procedure for requesting an accommodation. This procedure requires the submission to the Student Success Center of a written request for accommodations, along with supporting documentation from a licensed professional demonstrating the existence of a disability, the functional limitations resulting from the disability, and the need for specific accommodations. Documentation must meet specific Guidelines, which are set forth in the Student Handbook.

Technical Standards Procedures

While inviting and encouraging voluntary self-identification by students with disabilities, the University has always related to its students as responsible adults with the independent right to make such life decisions. One of those responsibilities is to work with the Student Success Center (SSC) in requesting reasonable accommodations, academic adjustments and/or auxiliary aids and services pursuant to the procedures set forth in this catalog.

Any Undergraduate, Master's-level or Chiropractic candidates who self-identify their disability during any of the four stages:

a) prior to applying for admission,

b) during the application process,

c) after acceptance, but before attending classes, and

d) while currently attending classes

will be referred to the Director of the Student Success Center.

The Director of the SSC will work in concert with the Disability Advisory Committee (DAC) whenever a question arises as to an individual's ability to meet the requirements and technical standards of the specific program to which the student is applying, or in which the student is enrolled. The DAC has been established to adjudicate this process in a timely manner. The Director of the Student Success Center ensures compliance with policy.

Dietetic Internship (Post-Baccalaureate Program)

Accreditation Status

The Internship Programs in Nutrition and Dietetics at Life University has been granted initial accreditation by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics.

Accreditation Council for Education in Nutrition and Dietetics (ACEND)
Academy of Nutrition and Dietetics
120 South Riverside Plaza, Suite 2000
Chicago, IL 60606-6995
800/877-1600 ext. 5400

Introduction

The Dietetic Internship (DI) Program in Nutrition and Dietetics at Life University is a 9-month, 41 week/1640 hour post-baccalaureate program with 360 didactic hours and 1280 hours of supervised practice experience. The program provides interns with the necessary knowledge & skills to be eligible to sit for the national registration exam for dietitians and to pursue a variety of career opportunities in the field of dietetics. Up to sixteen interns can be admitted to the program annually, which starts in mid-August, and is completed by June of each year. The Dietetic Internship only program is a non-degree option program.

- **Non-Degree Option:** The prospective interns opting for this track will be eligible for financial aid and the tuition is $8,000.
- **Graduate Degree Option:** Students who are enrolled in the DI program may pursue the Master of Science in Clinical Nutrition degree.
- **MS in Clinical Nutrition:** The interns of the Life University Internship Program in Nutrition and Dietetics have the opportunity to apply to the Master's Degree in Clinical Nutrition and receive 9-transfer credits from the Internship Program in Nutrition and Dietetics toward completion of this degree.

If the Graduate Degree Option is selected, a prospective intern must apply to the Master's Program separately. The two programs (DI and MS) are not combined; therefore, acceptance to one does not guarantee acceptance into the other. In order to be accepted to either, the prospective intern must meet the admission requirements for the particular program.

If MS in Clinical Nutrition Option is selected, a prospective intern will only have to pay for 43 credit hours to obtain the Master's Degree in Clinical Nutrition (MS requires 52 credit hours).

NOTE: The prospective intern must not work or take classes that conflict with the Internship Programs in Nutrition and Dietetics hours.

Mission Statement of the Dietetic Internship Program

The mission of the Internship Programs in Nutrition and Dietetics is to support the Life University mission and provide practical experience and training for the interns, so that the program graduates will have the knowledge and skills to effectively meet the responsibilities of nutritional services in community, clinical, managerial positions and become leaders in their chosen field. Upon completion of the program and receipt of the Verification Statement, the graduates will pass the National Registration Examination for dietitians.

The mission of the Internship Programs in Nutrition and Dietetics is to also prepare graduates academically and professionally so that they may integrate, apply, and practice theoretical knowledge necessary to provide quality nutritional care in a cost effective manner, pursue innovations and leadership, both in the work place and in professional associations. Upon completion of the program, the graduates will be eligible to take the registration examination for dietitians.

Dietetic Internship Student Learning Outcomes and Objectives

1. **Scientific and Evidenced Based Practice**
   Integrate scientific information and research into practice—
   Upon completion of the program, the graduate will be able to:

   - Select appropriate indicators and measure achievement of clinical programmatic, quality, productivity, economics or other outcomes;

- Apply evidenced based guidelines, systemic review and scientific literature (such as Academy of Nutrition and Dietetics Evidenced based library, Cochrane Data base of Systematic Review and the US Department of Heath and Human Services, Agency for Health Research and Quality, National Guideline Clearinghouse Web sites) in the nutrition care process and modes and other areas of dietetics practice;
- Justify nutrition programs products and services using appropriate evidence or data;
- Evaluate emerging research for application in dietetics;
- Conduct research projects using appropriate methods, ethical procedures and statistical analysis.

2. Professional Practice Expectations
Exhibit beliefs, values, attitudes and behavior for the professional dietitian level of practice—
Upon completion of the program, the graduate will be able to:

- Practice in compliance with current federal and state regulations;
  - Practice in compliance with Academy of Nutrition and Dietetics Scope of Dietetic Practice Framework, Standards of Professional Performance and Code of Ethics for the Profession of Dietetics;
- Demonstrate professional writing skills in preparing professional communications (e.g., research manuscripts, project proposals, educational materials, policies and procedures);
- Design, implement and evaluate presentations considering life experiences, cultural diversity and educational background of the target audience;
- Use effective education and counseling to facilitate behavior change;
- Assign appropriate patient care activities to DTR's and support personnel;
- Refer clients and patients to other professionals and services when needs are beyond individual scope of practice;
- Demonstrate imitative by proactively developing solutions to problems;
- Apply leadership principles to effectively achieve desired outcomes;
- Serve in professional and community organization;
- Establish collaborative relationships with internal and external stakeholders to facilitate individual and organizational goals;
- Demonstrate professional attributes such as advocacy critical thinking, flexibility, time management;
- Perform self assessment, develop goals and prepare draft portfolio for professional development;
- Demonstrate assertiveness and negations skills while respecting life experiences, cultural diversity and educational background.

3. **Clinical and Customer Service**
Develop and deliver information, products and services to individual, groups and population—
Upon completion of the program, the graduate will be able to:

- Perform the Nutrition Care Process and use standardized nutrition language in a variety of settings;
- Develop and demonstrate effective communication skills using oral, print, visual, electronic and mass media methods for client, employee or marketing;
- Demonstrate and promote responsible use of resources including employees, money, time, water, energy, etc.;
- Develop and deliver a product, programs and services that promote health and wellness;
- Deliver respectful, science based answers to consumers questions concerning emerging trends;
- Coordinate procurement, production, distribution and of goods and services;
- Develop and evaluate recipes and menus for acceptability, affordability that accommodate various populations.

4. **Practice Management and Use of Resources**
Strategically apply principles of management and systems in the provision of services to individuals and organizations—

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

- Use organizational processes and tools to manage human resources, safety, security and sanitation;
- Perform management functions relating to safety, security, and sanitation;
- Conduct customer service quality management activities;
- Participate in public policy activities;
- Use current informatics technology to develop, store, retrieve and disseminate information and data;
- Prepare and analyze quality, financial, or productivity data and develop a plan for intervention;
- Conduct feasibility studies for products, programs and services;
- Obtain and analyze financial data to assess budget controls and maximize outcomes;
- Develop a business plan for a product or service;
- Complete documentation that follows professional guidelines as appropriate to the setting;
- Participate in coding and billing for dietetic/nutrition services.

Application Procedures

To apply for the Life University Internship Programs in Nutrition and Dietetics, students must do the following:

1. Student applying to the Life University Internship Programs in Nutrition and Dietetics will need to apply through the online Dietetic Internship Centralized Application System (DICAS). Students applying for the internship can go online to apply after the first week of December. The application must be completed by the second week of February, please refer to all deadline dates on the website. There is a $40 fee to use DICAS for the first application and $20 for each additional application.
2. Applicants who apply to internships using DICAS will be asked to complete a personal statement in 1000 words or less that answer the following questions:

    —Why do you want to enter the dietetics profession?

    —What are some experiences that have helped to prepare you for your career?

    —What are your short-term and long-term goals?

    —What are your strengths and weaknesses or areas needing improvement?

- Official transcripts from all colleges and universities attended should be sent to: DICAS – Transcript Dept., P.O. Box 9118, Watertown, MA 02472.
- The application must include three references with their names and contact information — including e-mail address. This will trigger an e-mail message requesting completion of a reference form.
- Applicants must also register online at www.dnddigital.com for computer matching the second week of February, please refer to all deadline dates on the website. There is a $50 fee for this service and applicants can pay with a credit card. If students have questions regarding the computer matching process contact D&D Digital at 515-292-0490.
- There is a $65 application processing fee that should be mailed to Life University Department of Nutrition 1269 Barclay Circle Marietta, GA 30060.
- Selected applicants may be contacted for an interview in early March. Interviews can be done in person or by phone.

Any questions regarding the application process can be directed to:
Donna Plummer MS, RD, LD
Email: dplummer@LIFE.edu
Phone: 770-426-2736

International Student Rules, Regulations & Procedures

International students are not eligible to apply to the Internship Programs in Nutrition and Dietetics only but can apply to the MS in Clinical Nutrition Program. The following year, the student will be eligible to apply to the IP Program, since he/she would be considered a degree-seeking student. Applicants must meet all admission requirements for the MS Program and then apply to

the Internship Programs in Nutrition and Dietetics. For additional information regarding the MS in Clinical Nutrition, contact Dr. Vijay Ganji at 770-426-2736 or vijay.ganji@LIFE.edu.

Admission Requirements for the Dietetic Internship Program

1. Completion of the course work required for a Didactic Programs in Nutrition and Dietetics (DP), which is accredited by the ACEND of the Academy of Nutrition and Dietetics and having completed a Bachelor of Science Degree (transcripts must indicate B.S. Degree Completed). *If any applicants have graduated more than five years ago, they must take the following courses prior to the start of the Internship Programs in Nutrition and Dietetics at Life University:

   - NTR 306 Advanced Nutrition
   - NTR 309 Assessment, Interviewing and Counseling
   - NTR 311 Foodservice Operations
   - NTR 401 Nutrition Therapy I
   - NTR 402 Nutrition Therapy II
   - NTR 413 Nutrition Therapy III

   When completing the application, students must include proof of taking these course or equivalent courses which must be completed by the start of the Internship Programs in Nutrition and Dietetics.

   *If a student is submitting a Declaration of Intent with the application, the student must provide a Verification Statement before the internship starts. If the Verification Statement is dated prior to 1987, the student must provide a Verification Statement indicating that he or she has completed current DP requirements (dated after 1987). The program director's signature must be in an ink color other than black to distinguish an original from a photocopy.

2. Verification Statement or Declaration of Intent *issued by the Program Director of the school.

3. Grade point average in regard to completion of the academic requirements.

   - Overall GPA of 3.0
   - Science GPA of 3.0
   - Nutrition GPA of 3.25

4. Three written reference letters – two academic and one from work supervisor or personal colleagues.

5. A personal statement including 1,000 words or less that answers the following questions:

   – Why do you want to enter the dietetics profession?

   – What are some experiences that have helped to prepare st for your career?

   – What are your short-term and long-term goals?

   – What are your strengths and weaknesses or areas needing improvement?

6. Two copies of all official final transcripts. (If the student has not completed the B.S. Degree at the time of sending in the application, the student must bring 2 copies of the official transcripts on the first day of the DI Program.)

7. Student must have access to SKYPE or OOVOO in order to have an interview via video conferencing or in person if required (if deemed necessary).

8. Computer matching.

NOTE: If the student is sending translations of the degree obtained, in the US Summary Equivalency section it must state what the international degree is equivalent to and that it is equivalent to at least a minimum of a Bachelors Degree from a regionally accredited college or university (institution) in the United States (US). If the words Regionally Accredited are not there then the evaluation reports is not valid and would not be accepted. Foreign students who received their B.S. Degree from other accredited universities in their country must have translation of their degree and transcripts by the following institutions:

Global Education Group, Inc.
1650 Alton Road
Miami Beach, FL 33139 USA
Phone: (305) 534-974
Fax: (305) 534-3487
www.globaledu.com/evaluation_apply_for_evaluation.html

OR

Josef Silny & Associates
International Education Consultants
7101 SW 102nd Avenue
Miami, FL 33173
(305) 273-1616
Fax: 305/273-1338 or 273-1984
info@jsilny.com
www.jsilny.com

OR

World Education Services, Inc. (WES)
Bowling Green Station
PO Box 5087
New York, NY 10274-8057
(212) 966-6311
Fax: 212/966-6100
info@wes.org

Please use the link below to check if the agency is still an acceptable option. Here is the link for all CDR approved Foreign Degree Equivalency Validation Agencies: http://www.eatright.org/BecomeanRDorDTR/content.aspx?id=9725

Selection Criteria

The selection process will be a two-phase process for the 16 slots. The initial phase will be based on the assessment of admission requirements 1 through 7. The final phase will be based on assessment of admission requirements 1 through 8. The names of the applicants selected during the final phase will be sent to D&D Digital Systems for computer matching. Computer literacy, volunteer and extra-curricular activities are also considered in selecting students.

Computer Matching

All applicants to the Internship Programs in Nutrition and Dietetics (IP) and most Pre-professional Practice Programs (AP4) must participate in computer matching. Applicants should request instructions and a mark/sense card to prioritize their IP or AP4 preferences. Applicants should request this material from any Academy of Nutrition and Dietetics approved Didactic Program in Dietetics or from D&D Digital Systems. This request should be made to allow turn around time for submitting by the D&D Digital Systems postmark deadline. There is no charge for this material; however, there is a $50.00 charge for computer matching that is due with the applicant's prioritized ranking.

Life University's program code is 210 when completing the sense/mark card.

Address requests to: D&D Digital Systems
304 Main Street
Suite 301
Ames, IA 50010
website: www.dnddigital.com
email: dnd@sigler.com

EACH STUDENT MUST COMPLETE BOTH STEPS OF A 2-STEP PROCESS

Applicants must create an account on EACH of two websites. Different logins will be assigned for each website.

1. Website #1: To submit applications to Internships.

2. Website #2: To prioritize/rank Internships for matching http://www.dnddigital.com.

Dietetic Internship Expenses

1. The application fee for processing application by Life University is $65.00.

2. The application fee to use Dietetic Internship Centralized Application System DICAS is $40 for the first application and $20 for each additional application.

3. Application fee for computer matching by D&D Digital Systems is $50.00.

4. The tuition fee is $8,000. This fee will include instruction as well as work experience. Upon acceptance to the Internship Program, 10 percent of tuition ($800) is required prior to the start of the program to secure the accepted applicant's position. (This is nonrefundable if the student decides not to continue with the internship.) The rest of the tuition is due during the first week of the program.

   If the student is unable to pay tuition in full, it can be paid in three installments of $1950 plus a $75 processing fee. The schedule for the payment is as follows: $1950 (plus $75 processing fee) is due the first week of September, $1950 (plus $75 processing fee) is due the second week of December, and $1950 (plus $75 processing fee) is due the second week of March.

   If a payment is not received by the end of allotted week, the student will not be scheduled to continue the program, and any further delay in payment may lead to dismissal of the student from the program.

   A verification statement regarding the completion of the internship program will not be issued until all fees are paid within 6 weeks of graduation. Tuition is non-refundable. If interns are dismissed from the program due to inappropriate behavior, any tuition paid will not be refunded and the unpaid balance is due within 30 days of dismissal.

5. Students are responsible for providing their own housing, meals, transportation and gas costs to/from rotation sites. Costs vary based upon preferences. The approximate cost is estimated to be between $8,000 to 12,000. Information regarding housing can be obtained through the Life University Office of Student Affairs at 770-426-2700.

6. Textbook(s) for the program will average $600.00.

7. Some rotation sites may require background checks for the interns and require the interns to pay for this cost, which could be between $20-200. Some rotation sites may also require the intern to repeat the TB test and/or any other immunizations, which may cost between $15-$150. White lab coats, stethoscope, sphygmomanometer, and penlight or flashlight are required ($150).

8. Health insurance and professional liability insurance is mandatory. Students must obtain insurance coverage prior to admission to the program. Liability insurance can be obtained through the Academy of Nutrition and Dietetics at a cost of approximately $75.00 for liability and $350.00 for health for the nine-month duration.

9. Registration Exam Review ($350-450). Students must either take the review course within one month of graduation or show the registration receipt for payment of the course in order for the Verification Statement to be issued at the end of the program.

10. Students are required and responsible for becoming a member of the Academy of Nutrition and Dietetics. The student membership fee is $50.00.

Financial aid is available for the Internship Programs in Nutrition and Dietetics. For more information, contact Melissa Waters at (770) 426-2901.

Credentialing Process for Registered Dietitians

Students are required to go through a sequential three-step process to become a Registered Dietitian (RD). Those steps are:

1. Completion of the didactic program in dietetics with minimum academic requirements as set forth by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics.

2. Complete an ACEND accredited internship.

3. Pass the National Dietetic Registration Exam.

The completion of this program fulfills the second step in the process. This gives the student the competence and eligibility to take the national Dietetic Registration Exam.

Registration Examination (RD) Eligibility

After completion of the program, the director of the program will provide the student with a student exit packet. The student must then do the following:

1. Complete the Name/Address Verification Forms provided by the Program Director.
2. Return the CDR Copy (this copy to be returned to CDR by the Program Director) to the Program Director on or before the deadline. The Program Director will submit this original form to CDR.
3. Retain the Name/Address Verification Form, Student Copy for student records.
    - The "Student Copy" is to be used when students have a name/address change after having submitted the original CDR copy to the Program Director.
    - When a name/address change occurs, notify the Program Director of the change(s) via FAX so that he/she can revise the student record and advise CDR by attaching the fax copy to the student's original form. If students are unable to contact their Program Director, FAX the form to CDR, attention Peggy Anderson, at (312) 899-4772. Make sure ALL areas of the Change Form are completed, including previous address (the address submitted to the Program Director) and new address, Program Director's name and four-digit program code found on the student Verification Statement from the Program Director indicating completion of supervised practice.
4. Program Directors will forward the Computerized Registration Eligibility Application to CDR. Students will receive a letter confirming registration eligibility from CDR approximately two to three weeks following the Program Director's submission to CDR.
5. Refer to the February 1999 JADA, page 156, for an article entitled, "Computer-based testing: A new experience in 4 easy steps" and the October 1998 JADA, page 1102, for an article entitled, "Computer-based certification tests integrate testing and scoring, increase convenience" for a detailed description of the eligibility process.
6. Inquiries should be directed to Peggy Anderson at (312) 899-0040, extension 4764 or email Peggy at panders@eatright.org.

The Registration Examination for Dietitians is given year round at over 200 approved Sylvan Learning Corporation sites nationwide. All test sites are open Monday through Friday and the eligible candidate must call the Sylvan testing site to schedule an appointment to take the examination.

Applicants should keep the following in mind:

1. Make certain the Academy of Nutrition and Dietetics is furnished with a current mailing address.
2. The examination fee is approximately $200.
3. The test is multiple choice, with a minimum of 125 questions.
4. The authorization to take the examination expires one year after authorization.

Internship Academic Policies

Attendance

The Internship Programs in Nutrition and Dietetics at Life University is a full-time, 41-week program which starts mid-August and runs through mid-June of the next year. The student must be available 8 hours per day, 5 days per week for the duration. Absence and tardiness will not be allowed. Exceptions will be made for emergencies up to 6 weeks at the discretion of the program director/department chair.

The first violation (unexcused absence or tardiness of greater than 15 minutes) will result in a verbal warning. The second violation (unexcused absence or tardiness of greater than 15 minutes) will result in a written warning. The third violation (unexcused absence or tardiness of greater than 15 minutes) will result in student's dismissal from the program. A total of two days for emergencies will be allowed without having to make up the time.

Any other time off must be approved by the program director/department chair and will be made up as follows:

- All missed rotations must be made up as soon as possible, but make-up rotations must not interfere with the scheduled rotations, and students will need to make arrangements for make-ups on the weekends or evenings. It is the responsibility of the student to arrange all missed rotations with the rotation site, and each rotation must be completed before starting a new rotation.
- All missed lecture or discussion sessions must made up by completion of a special project assigned by the program director/department head (ex. case study presentations, literature review presentation or community work).

Grade Policy

Students will receive grades and evaluation upon completion of each rotation. Each rotation will be evaluated at mid-rotation (may be verbal) and upon completion. Students will complete each rotation successfully and must receive a grade of 85 percent or higher to be eligible for graduation. Rotations not completed successfully may be repeated one additional time, assuming the student has acceptable attendance and followed the professional standards set by the program. After the second chance, the student may be terminated, if terminated due to attendance problems, not following the professional standard, or not being committed to the program, the student will not be entitled to a refund and is still responsible for the remainder of the tuition. Students are strongly encouraged to notify the director/department chair of any problems that may prevent them from completing the program early on.

Each student is required to present, both oral and written, up to eight case studies during the program. Students must pass the case studies with a grade of 85 percent or higher.

There will be several written tests given during the program. There will be 2 comprehensive exams given at the end of the program, with one make-up exam. If the intern does not pass the comprehensive exam, he/she will be required to take the Registered Dietitian Exam Review course and provide proof of attendance in order to receive the Verification Statement. A grade of 85 percent or higher is required for passing the tests. Once the intern passes the comprehensive exam, all rotations, and complete all projects, a Verification Statement will be issued.

There will be several projects, including education and management, and a few teaching sessions. All projects must be completed within the given deadlines.

Students shall be regularly informed regarding their progress in the program. Students shall be given formal evaluation on their progress at specified intervals throughout the program, within any given unit, segment, rotation, etc., of a planned learning experience.

Protection of Privacy of Student Information

The student has the right to privacy. Information concerning the student's progress will only be made available, if the Program Director deems necessary, to those involved in the actual training process. Other than to verify the dates that the student participated in the Internship Programs in Nutrition and Dietetics, outside parties or agencies are not provided any information contained in personnel records, except as specifically authorized in writing or as required by law. The information in the student's file is available for their review upon written request.

Professional Standards

Students must follow the professional standards that govern the programs, which include: patient/client confidentiality and access to information, dress code, the student is expected to read material and complete assignments on time and have them ready for presentation at the appointed time, students must follow the policy and procedures of the University and any other institutions that they perform rotations, and they must be respectful to the people they work with. For a resolution of any conflicts, please follow the grievance policy.

Patient/Client Confidentiality and Access to Information

The information contained in the health record belongs to the patient, and the patient has a protected right of information in accord with the federal Health Insurance Portability and Accountability Act (HIPAA). All information concerning patients, their health and personal affairs is confidential. Dietetic Interns are authorized to have access to all patient information in order to assess the patients' nutritional needs accurately and are required by federal HIPAA law to be trained in Privacy practices.

Insurance Requirements

Students must purchase and maintain health and professional liability insurance coverage for the duration of the program of study (liability must be a minimum of $2,000,000 each incident/occurrence and $4,000,000 annual aggregate). The health and liability insurance can be purchased from Seabury & Smith, for liability insurance call (877) 687-0845, and for health insurance, call (800) 503-9230. To be eligible for the group-discounted price, students must be a member of the Academy of Nutrition and Dietetics. For information on becoming an Academy of Nutrition and Dietetics member go to the website at www. eatright.org, under Membership Benefits.

Proof of insurance must be provided to the program director during the first week of the program. Students are responsible for their safety to and from the University and rotation sites, and must take all precautionary measures to assure safety. Students are liable for all medical or health care (emergency or otherwise) while at Life University or at rotation sites.

Dress Code Policy

The dress code is an important part of the image that dietetic interns should present at preceptor sites & rotations. Dietetic interns are required to wear professional clothes that are neat, clean, and appropriate in style for their assigned rotations. Very casual attire or clothes of extreme style are not acceptable. Some clinical and non-clinical rotations have more strict policies to protect the welfare of their clients/patients and student safety.

Interns should observe the following broad guidelines regarding what would NOT be considered acceptable professional appearance during rotations:

- Visible tattoos, body piercings/jewelry including belly ring, brow ring, nose ring, tongue ring, or excessive earrings
- Extreme hair color/style, i.e., pink, platinum, mohawk, spikes
- Hats
- Denim of any kind
- Leggings or stirrup pants
- Capri pants
- Shorts or mini-skirts
- Low-cut tops or see-through shirts or blouses showing cleavage
- Halter tops or midriff shirts
- Fake nails and nail polish
- Sandals or flip-flops
- Open-toe shoes and high-heels/spikes
- Tennis shoes, unless worn with “approved” scrubs or uniform
- T-shirts or logo shirts, unless worn as “approved” uniform

During clinical and food service rotations, hair, including facial hair, should be neatly groomed and maintained. Slacks should at least touch the ankle. Food service rotations may require hairnet, uniform and special shoes.

Lab coats are required during clinical rotations, scrubs may be permitted with lab coat at some facilities. At rotation sites, identification badge must be worn at all times.

The first violation of the dress code policy will result in a verbal warning and dismissal to change clothes. The second violation of the dress code policy will result in a written warning and dismissal to change clothes. The third violation of the dress code policy will result in termination from the Internship Programs in Nutrition and Dietetics.

Curriculum Description for the Dietetic Internship Program

The Internship Program in Nutrition and Dietetics at Life University encompasses 41 weeks/1640 hours of didactic (360 hours) and supervised practice experience (1280 hours). The curriculum is as follows:

ORIENTATION: One week of general orientation to become familiar with University, department, and program policies and procedures. (40 hours Didactic Review)

CLASSROOM REVIEW: Three weeks of classroom review of Community Nutrition, Food Service, Nutrition Education, Nutrition and Physical Performance, Health and Disease, Nutritional Assessment, Counseling, and Physical Assessment. (120 hours Didactic Review)

FOOD SERVICE/MANAGEMENT: Three weeks of exposure to different areas of management, such as purchasing and production). All of the management rotation components must be successfully completed with a score of 85 percent or above before the next rotation can begin. (112 hours Supervised Practice)

EDUCATION/COMMUNITY: Three weeks of exposure to different areas of education, such as geriatric, AIDS patients, pediatric, pregnancy, endocrinology, and general medicine). All of the education/community rotation components must be successfully completed with a score of 85 percent or above before the next rotation can begin. One week of staff relief or project to show transition from lower to higher level competency achievement. (112 hours Supervised Practice)

WELLNESS: Three weeks of exposure to Wellness Nutrition, such as assessing and counseling nutritional status and fitness level of the clients. All wellness rotation components must be successfully completed with a score of 85 percent or above before graduating from the internship program. (112 hours Supervised Practice)

RESEARCH: Up to forty hours of research activities will be completed during Mondays, to provide comprehensive insight into preparing a research proposal and optional submission of the proposal to the Institutional Review Board. For this rotation interns must complete a two credit hour course NTR 470 Nutrition Research I and NTR 471 Nutrition Research II (optional). This course must be completed by one month prior to the end of the internship program, and there will be time allowed for completion of this program during the internship program. (40 hours Online/Home Assignments)

DIDACTIC/CLASSROOM REVIEW FOR NUTRITION SUPPORT PEDIATRIC: Two weeks exposure to medical nutrition therapy and nutrition support for adult/pediatric populations via lecture/simulation workshop. (80 hours Didactic Review)

CLINICAL: Fifteen weeks exposure to different areas of clinical, such as general medicine, pediatric, renal, mental health, geriatric, nutrition support. All of the clinical rotation components must be successfully completed with a score of 85 percent or above before graduating from the internship program. (560 hours Supervised Practice)

INTERN'S SPECIAL INTEREST: Five weeks of in-depth exposure to areas of self-interest. All self-interest rotation components must be successfully completed with a score of 85 percent or above before graduating from the internship program. (192 hours Supervised Practice)

CAREER WEEK: One week of employment guidance & professional development activities, such as resume writing, interviewing, & professional portfolio management. (40 hours Didactic Review)

VACATION: Thanksgiving, Christmas, New Years, Martin Luther King Jr., Spring Break, Memorial Day and any official holidays will be used as vacation.

The summary timeline of the Internship program's didactic component is below. During the first seven weeks, the interns will be on the Life University campus 5 days a week for 8 hours per day, which totals 280 hours. (7 weeks x 40 hours per week)

Orientation.....1 week (40 hours Didactic)

Didactic.....3 weeks (120 hours Didactic)

Didactic/Classroom Review for Nutrition Support/Pediatric.....2 weeks (80 hours Didactic)

Career Week.....1 week (40 hours Didactic)

Didactic Day on 1st Monday of each Orientation .....2 weeks (80 hours Didactic)

Total: .....9 weeks (360 hours total) of Didactic Instruction

The first Monday of each rotation (10 rotations x8=80) the interns are required to be on the Life University campus. They will participate in discussion, assessment/evaluation of the supervised practice rotation, to attend NTR 210 Nutrition Seminar to make presentations of case studies and to be provided with additional didactic information. They also work on completing the research part of the curriculum, NTR 470 Nutrition Research I and NTR 471 Research II (optional), which is up to 40 hours. The dietetic interns will be in supervised practice rotation for the remainder of the 3 weeks (112 hours/rotation) and special interest for 5 weeks (192 hours).

The supervised practice component of the program includes the following:

Clinical	**15 weeks**
Long Term Care	3 weeks (112 hours of sup. practice)
Renal	3 weeks (112 hours of sup. practice)
Inpatient	3 weeks (112 hours of sup. practice)
Nutrition Support	3 weeks (112 hours of sup. practice)
Mental Health	3 weeks (112 hours of sup. practice)
Community	**9 weeks**
Communiy	**3 weeks (112 hours of sup. practice)**
Wellness	3 weeks (112 hours of sup. practice)
Other	3 weeks (112 hours of sup. practice)
Food Service/Management/Marketing	**3 weeks (112 hours of sup. practice)**
Specific Interest	**5 weeks (192 hours of sup. practice)**
Total	**32 weeks (1200 hours total) of Supervised Practice**

Internship Rotations

In selecting rotation sites and dates, every effort will be made to accommodate the student's areas of interest and home location (most rotations are within 5-200 mile radius). However, most of the rotation sites are based on the availability of the rotation sites, the readiness to accept students, and the prior agreement.

After the schedule of a rotation has been set, the date or location will not be changed unless the rotation site or program coordinator/director deems necessary. Interns have the ability to select the self-interest rotation, which must be submitted to the program coordinator/director within 30 days prior to the rotation.

Rotation Exemption Policy

A dietetic intern with previous rotation experience may request "exemption status" during the orientation period or didactic classroom review. An intern may be exempt from a rotation, only if all the following criteria are met:

Step 1: Passed a similar rotation with another institution/program can provide proof of passing grade;

Step 2: Successfully complete the Life University IP rotation module/simulation (including written exam) with 85 percent or better;

Step 3: Present a case study on the rotation topic, prior to the scheduled rotation.

If a rotation is exempt, the dietetic interns may transfer the required supervised practice hours to another rotation, such as community, self-interest, staff relief, or the like.

There will not be any adjustments on fees for exemption of any rotations.

Immunization Policy

Most rotation sites require proof of immunizations. The interns are responsible for providing proof of immunization status of Chicken Pox, proof of 2 MMRs (if birth date is after 12/31/56) or immunity to Rubella and Rubella, and proof of a TB skin test done within the one month prior to start of the program. Some of the rotation sites require immunization of Hepatitis B and may also require students to repeat the TB skin test.

Injury and Illness Policy

Students are responsible for their safety to and from the University and rotation sites, and must take all precautionary measures to assure safety. Students are liable for all medical or health care (emergency or otherwise) while at Life University or at rotation sites. Each facility has a policy for injury or illness on the job. The dietetic interns are required to alert the preceptor if injury or illness occurs and the preceptor will then guide the intern through the proper protocol. The dietetic intern must also notify the Director of the Internship Programs in Nutrition and Dietetics of the incident.

Master of Science in Clinical Nutrition

Accreditation Status

The Didactic Program in Dietetics and the Dietetics Internship Program within Life University's Department of Nutrition are both accredited by the Accreditation Council for Education in Nutrition and Dietetics.

Introduction

The 52 credit hour Master of Science program in Clinical Nutrition is open to any student who meets the admission requirements. Students not retaining a background in the sciences or allied health may take a longer period of time to complete the prerequisite requirements prior to entrance into the graduate program. In the majority of cases, prerequisite requirements can be fulfilled through the College of Graduate and Undergraduate Studies at Life University.

Application Requirements Specific to the MS in Clinical Nutrition

Instructions for the graduate school application are found in the Academic Policies section of the Graduate Catalog. Each student is encouraged to contact the Nutrition department to discuss program admission questions.

1. Applicants who have completed a dietetic internship program and have become Registered Dietitians. will receive 9 transfer credits towards the MS Program (MNTR 606 Management, Leadership & Marketing (5 cr.) & MNTR 611 Cultural Environment & Agricultural Issues Related to Food Product Development & Processing (4 cr.) Total of 9 credit hours) and Upon admission this group only has to complete 43 credit hours will be required of the total 52 credit hours.
2. Applicants with a degree in the Allied Health field, but do not possess a B.S. Degree in Nutrition will be required to take the following which may result in the need to take undergraduate prerequisites, MNTR 501, Nutritional Concepts & Nutrient Analysis (4 credits); MNTR 502, Assessment & Nutritional Interventions (5 credits) if they don't have a B.S. Degree in Nutrition.

Prerequisite Courses

All students must have taken at least one college level course with a grade of "B" or better in each of the following disciplines to be admitted into the program:

1. Anatomy and Physiology (may be a combined course)
2. Chemistry and Biochemistry
3. Microbiology (may be taken while enrolled in the MS Clinical Nutrition program)

Note: The nutrition/science grade point average of successful applicants is generally at or above 3.25.

Master of Science in Clinical Nutrition Curriculum

The Master of Science in Clinical Nutrition at Life University is a strictly regimented curriculum of required courses, and either a Master's Thesis or Special Project.

Fall Quarter – Year I

MNTR 603 Nutrition Diagnosis/Implementation of Nutrition Care Process ..... 5 cr.

MNTR 604 Counseling & Behavior Management ..... 3 cr.

MNTR 608 Biostatistics (Prereq. Undergraduate Statistics) ..... 4 cr.

MNTR 609 Communication Skills ..... 3 cr.

Total ..... 15 cr.

Winter Quarter – Year I

MNTR 600 Genetics &Advanced Nutrition Biochemistry (Prereq. Undergraduate Biochemistry) .... 5 cr.

MNTR 605 Nutrition Issues (Community Policy Making & Epidemiology) ..... 3 cr.

MNTR 607 Outcome Research & Evidence Based Practice (Prereq. MNTR 602 or 603) ..... 4 cr.

MNTR 698 Thesis or MNTR 686 Special Project ..... 2 cr.

Total ..... 14 cr.

Spring Quarter – Year I

MNTR 601 Contemporary Nutrition (Vitamins & Minerals and other alternative issues).....3 cr.

MNTR 602 Advanced Medical Nutrition Therapy.....5 cr.

MNTR 606 Management, Leadership & Marketing.....5 cr.

MNTR 698 Thesis or MNTR 686 Special Project.....2 cr.

Total.....15 cr.

Summer Quarter – Year I

MNTR 611 Cultural Environment & Agricultural Issues Related to Food Product Development & Processing (Prereq. MNTR 605).....4 cr.

MNTR 698 Thesis or MNTR 686 Special Project.....4 cr.

Total.....8 cr.

Option 1:

MNTR 698 Thesis (Prereq: Permission of Department Chair).....8 cr.

OR

Option 2:

MNTR 686 Special Project (Prereq: Permission of Department Chair).....8 cr.

MNTR 699 Comprehensive Exam.....0 cr.

Total.....52 cr.

Both MNTR 698 and MNTR 686 May be taken as four courses of two credit hours which can be repeated three times for the thesis and two times for the special project. Each would require quarterly registration.

Elective Courses

Electives are not required but may be taken by students wishing to receive additional instruction. Elective courses will not count toward the 52 hours required for degree completion.

MNTR 613 Individual Study.....2 cr.

MNTR 614 Advanced Clinical Field Experience
(Prereq. MNTR 601, MNTR 602, MNTR 603, MNTR 604).....3 cr.

MNTR 615 Advanced Management Field Experience (Prereq. MNTR 606).....3 cr.

MNTR 616 Advanced Community Field Experience (Prereq. MNTR 611).....2 cr.

MNTR 617 Advanced Teaching Field Experience (Prereq. MNTR 609).....8 cr.

Thesis/Project

Students in the MS graduate program in Clinical Nutrition are required to pursue a thesis or research project as part of their culminating graduate study experience. This scholarly learning experience provides the student with an opportunity to explore a specific area of clinical and/or research interest using statistical analysis and research design.

While not required, students are encouraged to pursue projects that are evidence-based practice in design. Each study will be supervised by a faculty member and all research projects will require the proposal be submit to the Institutional Review Board prior to the start of the investigation.

Following the completion of the research/project the student will be required to complete a full written thesis or project submission. Submission of a peer reviewed research article will satisfactorily substitute for a written thesis or project submission.

All students must also present their findings in a formal research presentation with a group of their peers and attended by department and Life University faculty. These formal presentations will be scheduled on a quarterly basis and open to the academic community.

Guidelines for thesis and project submissions can be obtained within the Department or the College of Graduate and Undergraduate Studies.

Written Comprehensive Examination

In exceptional situations, a MS graduate student may be granted status as a non-thesis candidate and permitted to take a written, comprehensive examination. Given that the field of Nutrition and Dietetics is an Evidenced Based field, the thesis or project route to degree is the preferred route of a culminating experience in this program.

Comprehensive examinations will be drawn from all the required courses (60 percent core and 40 percent research, critical thinking, research and analysis) and designed to measure the student's ability to critically analyze clinical data, evaluate research protocol as well as apply the knowledge acquired through the program to practice.

Eligibility Requirements:

1. Completion of the Comprehensive Exam Application

2. Completed all core and required courses

3. Minimum cumulative GPA of 3.0 or above

4. Student must be current with their financial obligations to the University

5. All required application materials are on file

To be eligible to take the Written Comprehensive Examination, the student must complete an application with the Nutrition Department, which has been approved by the student's advisor, and the Department Chair. This application must be filed with the department the quarter before the comprehensive exam will be completed.

Once approval has been granted, the student will be registered for MNTR 699. The deadline for registration is week one of the quarter. Students will be notified in writing as to the date and the time that the examination will be given.

The exam will be graded by all faculty members who teach in the MS graduate nutrition program. The faculty members are given at least two weeks for reading and grading. The student will be notified by mail the outcome of the exam.

Written Comprehensive Exams will be offered in two sections, the core content and the research and critical analysis section. Students will be provided a period of proctored time in which to complete each section.

The following evaluative standards for comprehensive exams are given:

- Pass with specific remedial work (may include course work, other)
- Failure – Students may retake the written comprehensive one additional time after a six-month waiting period.

If the student does not pass the written comprehensive examination after remedial work or after retaking the examination, he or she will be considered academically dismissed from the MS graduate program in Nutrition.

Course Descriptions

MNTR 600 Nutritional Epigenomics & Advanced Nutritional Biochemistry **(5 cr.)**
The emphasis of the course explores the role of genetics and nutritional biochemistry relative to nutritional metabolism and outcomes. Students survey research in the areas of genetics, epigenetic, nutritional biochemistry and evidenced based practice.

MNTR 601 Contemporary Nutrition (Vitamins & Minerals) **(3 cr.)**
In this class, students explore individual micronutrients and their role in a variety of disease conditions. In particular, the class emphasizes the role of research in guiding the clinician. The role of research relative to the future of nutrition and the importance of vitamins and minerals in metabolism and disease are also evaluated.

MNTR 602 Advanced Medical Nutrition Therapy **(5 cr.)**
This course survey's the research literature and the impact of research relative to the latest therapeutic protocols for major disease

conditions affecting the body (i.e. cardiovascular disease, diabetes, obesity, etc.). The emphasis of this course focuses on the role of research in therapy outcomes for client care.

MNTR 603 Nutrition Diagnosis/Implementation of Nutrition Care Process **(5 cr.)**
In this class, the student gains advanced level clinical proficiencies in: clinical evaluation, biochemical assessment, dietary analysis, case history evaluation, physical examination, anthropometric measurements and survey development.

MNTR 604 Counseling & Behavior Management **(3 cr.)**
In this class, students will be acquainted with counseling and mental health issues among individuals throughout the lifecycle. Role play will assist the students in enhancing their behavioral assessment skills as nutrition care providers. In addition, the course pursues in-depth advanced level behavior management and modification therapies utilized by nutrition and dietetics providers.

MNTR 605 Nutrition Issues (Community Policy Making & Epidemiology) **(3 cr.)**
In this class, students will conduct in-depth discussions and analysis of the contemporary nutritional issues that plague communities, countries and the world. Topics such as obesity, food insecurity, health disparities, etc. result in multiple and complex biological, economic, social and cultural issues that require delicate and detailed policy development. Students will gain insight into this process.

MNTR 606 Management, Leadership & Marketing **(5 cr.)**
In this class, students will analyze concepts of marketing, management and leadership as they pertain to organizations and organizational structures. Relevant to class discussions will be a critical analysis of organizational theory, marketing and consumer behavior theory and how each drive nutrition and dietary behaviors.

MNTR 607 Outcomes Research & Evidenced Based Practice **(4 cr.)**
Students are able to differentiate and manipulate the variety of clinical terminology and standards of health care and decision analysis that support evidenced based practice. This knowledge will guide the student in justifying written practice guidelines and research protocol.

MNTR 608 Biostatistics **(4 cr.)**
The is an applied course in statistical methodology focused on topics in the health sciences. Students learn to design experiments and research protocol related to nutrition, gather and tabulate data as well as interpret the research results. A basic statistics course is required prior to taking this class.

MNTR 609 Communication Skills **(3 cr.)**
In this course, students will advance their abilities in scholarly writing, critical thinking and analysis and effective communication. Students gain proficiency in oral communication as well as written communication through the advanced levels of Bloom's Taxonomy and APA 6th edition.

MNTR 610 Independent Study **(2 cr.)**
Students wishing to pursue an independent research, clinical or community project are encouraged to work with or be mentored by one of the nutrition program graduate faculty

MNTR 611 Cultural Environment & Agricultural Issues **(4cr.)**
This course investigates the food industry and the process of food product development and processing. Students research and critically analyze and discuss cultural, environmental and agricultural issues as they related to food, the food industry and food product development.

Department of Psychology

Chair: Peggy Samples, PhD

The Department of Psychology at Life University offers the Master of Science in Positive Psychology degree with three tracks: Coaching Psychology, Secular Ethics and Contemplative Science, and General.

The department's courses place importance on the health and well-being of the whole person through examination of the

interactive and dynamic influence of mental, behavioral, physical, cultural and spiritual processes, as well as special emphasis on the acquisition of core competency skills to optimize human performance potential. In line with Life University's values and vision, the content, structure and objectives of the psychology program are strategically centered on a "vitalistic" health paradigm and health-based "whole person" model of care and the Eight Core Proficiencies.

Mission of the Psychology Department

In keeping with the overall mission of Life University to facilitate and enhance the development of the "whole" individual in a diverse and ever-changing society, the Psychology program's mission is to provide instruction from a vitalistic and multi-faceted orientation, with particular emphasis on building practical skills utilizing basic positive psychological principles to enhance human potential. Upon graduation, students are equipped with skills and knowledge to improve the quality of their personal and professional life, and enable them to contribute to the personal growth and wellbeing of others.

Student Learning Outcomes

1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings and historical trends in psychology;
2. Students will understand and apply basic research methods in psychology, including research design, data analysis and interpretation;
3. Students will respect and use critical and creative thinking and skeptical inquiry;
4. Students will understand and apply psychological principles to personal, social and organizational issues;
5. Students will be able to communicate effectively in a variety of formats;
6. Students will recognize, understand, and respect the complexity of socio-cultural and international diversity;
7. Students will develop insight into their own and others' behavior and mental process and apply effective strategies for self-management and self-improvement;
8. Students will emerge from the major with realistic ideas about how to implement their psychological knowledge, skills and values in occupational pursuits in a variety of positions and settings, especially leadership positions and entrepreneurial settings;
9. Students will demonstrate an understanding concerning the "vitalistic," as opposed to the mechanistic, perspective on human functioning in which the mind, body and spirit operate dynamically to create quality of health and wellbeing; and
10. Students will demonstrate an understanding of personal integrity and how to manage it effectively to promote excellence in the personal and professional realm.

Coaching Psychology Learning Objectives

Students should expect to gain both a sound foundation in the main psychological theories and principles that inform coaching practice, plus the core skills of applied coaching. Student learning objectives for the coaching psychology track are as follows:

1. Students will demonstrate an understanding of positive psychology interventions such as mindfulness, meditation and cognitive-based compassion training and their applications to coaching individuals and teams.
2. Students will demonstrate an understanding of the strengths, limitations and applications of coaching methodologies.
3. Students will demonstrate the ability to implement coaching in a variety of settings.
4. Students will demonstrate an understanding of how systems, groups and teams operate, and the application of coaching within complex systems.
5. Students will demonstrate knowledge of the main forms of psychopathology found in coaching and how to deal appropriately with clients displaying mental health issues.

Secular Ethics and Contemplative Science Learning Objectives

For students in the Secular Ethics and Contemplative Science track, the learning objectives are as follows:

1. Students will be trained in secular contemporary contemplative practices such as mindfulness meditation and Cognitively-Based Compassion Training (CBCT) to the level where they can continue with these practices indefinitely on their own; share their knowledge with others or integrate it into their own practice, such as counseling or life coaching; and have a firm basis for seeking qualification as an instructor in a particular meditation protocol should they so desire.

2. Students will exhibit strong and broad familiarity with the emerging research on contemplatives practices and their effects, particularly in the fields of psychology, neuroscience, and the health sciences.
3. Students will have learned how to develop secular interventions based on contemplative practices and traditions, and how to design research studies that evaluate such interventions in diverse settings, including educational and clinical settings, depending on their specific interest.
4. Students will have a foundational understanding of the indigenous theoretical models that underlie mindfulness, CBCT and other contemplative practices, enabling them to bringing these models into dialogue with the existing paradigms of modern psychology, modern science and modern societies for the development of new knowledge.

General Learning Objectives

The learning objectives for students in the General Positive Psychology track are the following:

1. Students will apply principles and strategies of positive psychology to various professional domains including psychology, chiropractic, nutrition, sport health sciences, research, business, life coaching and health.
2. Students will use principles of positive psychology as foundation for further study in a DC, PhD, MD, MBA or JD program.
3. Students will demonstrate knowledge of the science of positive psychology, its philosophy, approach, research, paradigm shift and its future.
4. Students will assess and reflect on the meaning of happiness, positive leadership, resiliency, character traits, vitalism, flourishing, flow, values and virtues and identify their strengths to increase and sustain well being.
5. Students will demonstrate knowledge of the relationship between physical, mental, emotional, social and spiritual dimensions of humanness in promoting health and wellness.

Technical Standards for Master of Science in Positive Psychology Students

Life University complies with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, as amended and the ADAA 2008. These laws provide a framework for qualified individuals with documented disabilities to request reasonable accommodations needed to participate in a program. Reasonable accommodations are defined as adjustments or modifications that enable a qualified individual with a documented disability to participate as fully as possible in an educational program. An adjustment or modification must be reasonable and may not be provided if it would alter essential academic or technical requirements or result in undue financial or administrative burdens.

Qualified candidates with documented disabilities who wish to request accommodations under the American with Disabilities Act or the Rehabilitation Act must follow the University's procedure for requesting an accommodation. This procedure requires the submission to the Student Success Center of a written request for accommodations, along with supporting documentation from a licensed professional demonstrating the existence of a disability, the functional limitations resulting from the disability, and the need for specific accommodations. Documentation must meet the specific Guidelines, which are set forth in the Student Handbook.

Technical Standards Minimum Essential Skills—Department Of Psychology

LIFE requires that applicants to or students enrolled in MS Degree in Positive Psychology Program be able to meet the technical standards of the MS Degree in Positive Psychology Program, with or without reasonable accommodations. The following are the technical standards required for admission or participation in the MS Degree in Positive Psychology Program. These standards are based on the following abilities and skills that are essential to a career in Positive Psychology.

Communication:

1. Students must be able to effectively communicate with patients, clients, colleagues and other professionals, in a respectful, professional, polite, sensitive and confident manner in order to elicit and transmit information. Communication includes not only speech, but also reading, writing and paraverbal (i.e., tone, pitch and pacing skills).
2. A student must have oral and written communication skills sufficient to conduct interviews, record case histories, conduct program evaluations, communicate results of findings, write summaries and make assessments and plans known to pertinent team members.
3. A student must also have the skills of empathy, interpretation, constructive confrontation, and motivation; skills that are essential to a career in Positive Psychology.

Behavioral and Social Attributes:

1. Students must possess the skills necessary for constructive interaction with others in one-on-one or group settings.
2. Students must be able to exercise good judgment in dealing with others and to promptly complete all academic and professional responsibilities.
3. Students must have the honesty, integrity, sensitivity and empathy to maintain confidentiality and engage in ethical and effective relationships with patients, clients and colleagues.
4. Students must be able to function effectively under stress. Stressors may include but are not limited to environmental, chemical, physical or psychological.
5. Students must also be able to adapt to change, display poise and flexibility in the face of uncertainties and stressful situations, and to independently demonstrate empathy, integrity, compassion, motivation and commitment.
6. Students must demonstrate honesty, caring, respect, trustworthiness, competence and responsibility to and for their colleagues.

Master of Science in Positive Psychology Coaching Psychology Track

(October 2014 start)

Accreditation Status

The Life University Coaching Psychology program is a Center for Credentialing & Education (CCE) and an Approved Board Certified Coach (BCC) training provider. The Coaching Psychology program is currently pursing accreditation through the International Coaching Federation (ICF) to become an Accredited Coach Training Program (ACTP).

Introduction

Students will earn a Master of Science in Positive Psychology (MSPP) degree. Life University's Master's in Positive Psychology/ Coaching Track is a 3-quarter program and is designed around an integrated approach to positive psychology that draws from the richness of ancient traditions and yet is based on modern scientific research, methods and best practices. Graduates of this program will have key theoretical understandings and the core skills necessary to work as a professional coach in a wide range of settings. They will be equipped to work in the scientist-practitioner or scholar-practitioner models, and can expect to find employment as human performance consultants and personal, or workplace coaches in industry, in the human resources field or in private practice.

Prerequisite Courses (Undergraduate)

- General Psychology (recommended)

Admission Requirements

- Bachelor's degree from an accredited institution
- Cumulative Grade Point Average/GPA: 3.00 or higher
- Letter of intent
- Three letters of recommendation
- GRE 280 cum, 3.5 writing; TOEFL 500-paper, 61-ibt,173 – comp

Course Schedule

Hybrid Format: Online coursework with On-Campus residencies each quarter

Fall (15 credits) [Oct 6 – Dec 20]

Fall Start of Quarter Residency (October 3-5)

MPSY 501 Introduction to Positive Psychology	5cr
MPSY 604 Research Methods and Statistics in Positive Psychology	5cr

MPSY 534 The Evolution of Coaching	5cr

Winter (16 credits) [Jan 12 – Mar 28]

Winter Start of Quarter Residency (Weekend of Week 9 – March 13-15)	
MPSY 630 Theories and Techniques of Coaching Psychology	5cr
MPSY 631 Applied Positive Psychology Coaching	5cr
Elective	5cr
MPSY 688 Capstone	1cr
MPSY 699 Written Comprehensive Exam	0cr

Spring (16 credits) [Apr 6 – June 18]

Spring Start of Quarter Residency (Weekend of Week 9 – June 5 – 7)	
MPSY 531 Workplace Coaching (moved from undergrad to 500 level)	5cr
MPSY 633 Mindfulness Based Cognitive-Behavioral Coaching	5cr
MPSY 644 The Psychology of Group Coaching	5cr
MPSY 689 Capstone	1cr
MPSY 699 Written Comprehensive Exam	0cr

TOTAL Hours: 47 quarter credit hours (divided by 1.5 = 32 semester credits)

Program Contacts:

Mr. Mickey Parsons, MED, MCC • Phone: 770-426-2697 • Email: mickey.parsons@LIFE.edu

Dr. Peggy Samples, PhD • Phone: 770-426-2697 • Email: psamples@LIFE.edu

Master of Science in Positive Psychology Secular Ethics & Contemplative Science Track

(October 2014 start)

Certification as a Meditation Instructor

Students in this specialty track, by engaging in the requirements for the track, will automatically complete two of the main requirements for certification as a meditation instructor in the Cognitively-Based Compassion Training (CBCT) protocol (the first being a taught course in CBCT, and the second being a residential retreat in CBCT). They will also be eligible to pursue certification in other contemplative studies protocols and programs, the requirements of which will depend on the protocol in question. Certification is not guaranteed, as students will have to complete other requirements and receive approval before they can teach CBCT or any other protocol as a certified instructor. Students in this track will, however, graduate with significant qualifications that will make them well suited for instruction and research in contemplative practices.

Introduction

Students will earn a Master of Science in Positive Psychology (MSPP) degree. Life University's Master's in Positive Psychology/ Secular Ethics and Contemplative Science is a 6-quarter program. For students in this area of specialization, training in contemplative science, contemplative studies, and contemplative psychology will involve first-person engagement with contemplative and meditative practices, including popular interventions such as mindfulness meditation and Cognitively-Based Compassion Training (CBCT), in courses that involve a "meditation lab" component.

Students will develop familiarity with the emerging research on contemplative practices and their effects, particularly in the fields of psychology, neuroscience, and the health sciences. Student will learn how to develop secular interventions based on contemplative practices and traditions, and how to design research studies that evaluate such interventions in diverse settings, including educational and clinical settings.

Prerequisite Courses (Undergraduate)

- General Psychology (recommended)
- Research methods (recommended)
- Statistics

Admission Requirements

- Bachelor's degree from an accredited institution
- Cumulative Grade Point Average/GPA (recommended 3.00 or higher)
- Cover Letter of Intent
- Three letters of recommendation
- GRE 280 cum, 3.5 writing;
- TOEFL 500-paper, 61-ibt, 173-comp

COURSE SCHEDULE—Year 1

(Courses marked with an asterisk are taken in online/hybrid format. All others are live, on-campus.)

Fall (14 credits) [Oct 6 – Dec 20]	
MPSY 501 Introduction to Positive Psychology*	5cr
MPSY 604 Research Methods and Statistics in Positive Psychology*	5cr
MPSY 572 Foundations of Contemplative Science	4cr
Winter (15 credits) [Jan 12 – Mar 28]	
MPSY 605 Program Evaluation*	5cr
MPSY 606 The Art of Self-Care: Mindfulness, Meditation and the Mind/Body Connection*	4cr
MPSY 571 Introduction to Secular Ethics	4cr
MPSY 574 Mindfulness Meditation Lab	2cr
Spring (14-15 credits) [Apr 6 – June 18]	
MPSY 670 Compassion: Science, Theory and Practice	4cr
MPSY 671 Compassion Meditation Lab	2cr
MPSY 615 Psychology of Forgiveness	4cr
MPSY Elective	4 or 5cr

Summer Residential Retreat

Students in this specialty track participate in an annual residential week-long retreat, which should be completed during the summer at the end of their first year in the program, but which may in certain circumstances take place at the end of the second year. This retreat will be a teaching retreat with significant time for group and individual contemplative practice. Typically, the retreat will involve training and practice in the Cognitively-Based Compassion Training (CBCT) meditation protocol.

COURSE SCHEDULE—Year 2

(Courses marked with an asterisk are taken in online/hybrid format. All others are live, on-campus.)

Fall (9 credits)

MPSY 680 Advanced Seminar in Contemplative Psychology	4cr
MPSY 698 Research Thesis	5cr

Winter (9-10 credits)

MPSY 698 Research Thesis	5cr
MPSY Elective	4 or 5cr

Spring (9-10 credits)

MPSY 698 Research Thesis	5cr
MPSY Elective	4 or 5cr
MPSY 699 Written Comprehensive Exam	0cr

TOTAL Hours: 70-73 quarter credit hours (Divided by 1.5 = less than 49 semester credits)

Program Contact:

Dr. Brendan Ozawa de-Silva, D.Phil. • Phone: 770-426-2697 • Email: Brendan.ozawa@LIFE.edu

Master of Science in Positive Psychology General Track

(October 2015 start)

Introduction

Students will earn a Master of Science in Positive Psychology (MSPP) degree. Life University's Master's in Positive Psychology/ General Track is a 3 quarter program. The mission of the MS in Positive Psychology-General Track will be to prepare students to be competent, ethical practitioners of positive psychology. Students will develop skills in evaluation assessment, and in a variety of coaching modalities. Learners will be able to apply knowledge from various frameworks and interventions (e.g., theoretical, empirical, experiential, and vitalistic models) to a wide variety of human experiences. This program emphasizes learning, which focuses on the uniqueness of each individual and the influence of culture and ethnicity when providing services to people from diverse backgrounds. The Master's of Positive Psychology-General Track provides a systematic approach that helps students to progress in their ability to apply positive psychology in multiple environments.

Prerequisite Courses (Undergraduate)

- General Psychology (recommended)

Admission Requirements

- Bachelor's degree from an accredited institution
- Cumulative Grade Point Average/GPA: 3.00 or higher
- Letter of intent
- Three letters of recommendation
- GRE 280 cum, 3.5 writing; TOEFL 500-paper, 61-ibt,173 – comp

COURSE SCHEDULE

Hybrid Format: Online coursework with On-Campus residencies each quarter

Fall (15 credits) [Oct 6 – Dec 20]

Fall Start of Quarter Residency (October 3-5)

MPSY 501 Introduction to Positive Psychology	5cr
MPSY 604 Research Methods and Statistics in Positive Psychology	5cr
MPSY 502 The Science of Happiness: Approaches to the Good Life	5cr

Winter (15 credits) [Jan 12 – Mar 28]

Winter Start of Quarter Residency (Weekend of Week 9)

MPSY 630 Theories and Techniques of Coaching Psychology	5cr
MPSY 605 Program Evaluation	5cr
MPSY 606 The Art of Self Care: The Mind/Body Connection	4cr
MPSY 688 Capstone	1cr

Spring (15 credits) [Apr 6 – June 18]

Spring Start of Quarter Residency (Weekend of Week 9_

MPSY 507 Positive Leadership: Empowerment and Self-Management	5cr
or MPSY 508 Approaches to Leadership: Character Strengths and Virtues	
MPSY 607 Positive Organizational Scholarship and Human Flourishing at Work	5cr
MPSY 615 Psychology of Forgiveness	4cr
PSYC 689 Capstone	1cr
PSYC 699 Written Comprehensive Exam	0cr

TOTAL Hours: 45 quarter credit hours (divided by 1.5 = 30 semester credits)

Program Contact:

Dr. Peggy Samples • Phone: 770-426-2697 • Email: psamples@LIFE.edu

Course Descriptions

MPSY 501 – Introduction to Positive Psychology **(4 cr)**
This course will provide an introduction to positive psychology. It is designed to explore the concepts, research behind the concepts, techniques, and exercises that enhance well-being. The format of the course will be didactic, experiential and interactive. Assigned readings will be given weekly.

MPSY 572: Foundations of Contemplative Science
This class will provide an introduction to contemplative science that includes both the practice of contemplative techniques and the ways they can be studied and evaluated scientifically, focusing on the most important research findings, paradigms and challenges in this emerging field, and providing a basis for further coursework in the Contemplative Science and Secular Ethics track.

MPSY 571: Introduction to Secular Ethics **(4 cr)**
This course covers topics in psychology, neuroscience, and moral philosophy—it will examine the case for and against secular ethics, and explore its relationship with positive psychology and contemplative science.

MPSY 574: Mindfulness Meditation Lab **(2.0 Credits. Pass/Fail)**
This course will provide students with training in three main forms of meditation being commonly practiced today: mindfulness meditation, insight (vipassana) meditation, and loving kindness (metta) meditation. While spiritual in nature—in the sense that they foster the development of inner values, peace of mind, insight into one's own mental processes, and kindness toward others—these meditations are secular and universal, and therefore appropriate for individuals of any (or no) religious affiliation. Although these meditations have been shown to have demonstrable psychological and physical health benefits, the focus of this course will be on the actual practice of the meditation, rather than on meditation theory and the scientific study of meditation.

MPSY 612: Secular Ethics and Contemplative Pedagogy in Education **(4 cr)**
(Prerequisites: PSYC 505, PSYC 510)
This course investigates how to best introduce the cultivation of basic human values and contemplative practices into education on the basis of sound research, assessment, a developmental psychological approach, and a firm grounding in the pertinent theories of emotions, conflict resolution, contemplative practice, and social and emotional intelligence. Students will look at existing evidence-based programs and research. For their final project, they will design an intervention that builds on existing programs and research, or they will propose an innovative research design for evaluating such programs.

MPSY 613 Contemplative Retreat Supervision **(5cr)**
(Prerequisites: MPSY 572 and MPSY 606 and at least two quarters of MPSY 574 and MPSY 576)
This course enables students in the Contemplative Science and Secular Ethics track to engage in a taught meditation retreat with supervision from a faculty member in the track to gain first-person experiential and reflective knowledge of contemplative practice.

MPSY 531 Workplace Coaching **(5 cr)**
(Prerequisites: Undergraduate PSY 311 and PSY 312)
This course will be focused on expanding students' coaching repertoire by expanding their knowledge of Business Coaching, including corporate, executive, team and small business coaching.

MPSY 502 The Science of Happiness: Approaches to the Good Life **(5 cr)**
This course focuses on the science of happiness, integrating findings from positive psychology, psychiatry, behavioral genetics, neuroscience and behavioral economics. Over the course of the semester, students will consider the genetics of happiness, including the notion of a biologically determined hedonic set point, the brain's pleasure circuitry, and the mind's power to frame events positively, a tool used with great success in cognitive therapies. Students will question an idea that has gained prevalence since the Enlightenment: that pleasure and happiness are our purpose.

MPSY 507 Positive Leadership: Empowerment and Self Management **(5 cr)**
(Prerequisite: PSY 501)
Drawing on psychological research at the level of the individual, group and organization, the class focuses on leadership development as it applies to politics, business, social enterprise, and education. Topics include goal setting, ethics, story-telling, charisma, systems thinking, and crucible experiences.

MPSY 508 Positive Approaches to Leadership **(4 cr)**
Drawing on psychological research at the level of the individual, group and organization, the class focuses on leadership development as it applies to politics, business, social enterprise, and education. Topics include goal setting, ethics, story-telling, charisma, systems thinking, and crucible experiences.

MPSY 600 Vitalism, Stress Management & The Science of Well-Being **(3 cr)**
(Prerequisite: PSY 501)
This course integrates related findings from the fields of personality psychology, behavioral economics, behavioral genetics, neuroscience and social psychology. Particular focus on the conceptions and practices of well-being as a function of socio-cultural context (e.g., nation, region, gender, age, and social class). Limited enrollment. Preference given to students who have taken Cultural Psychology. Application required. Class sessions will be comprised of short lectures followed by group discussions regarding the lectures, readings, films, and weekly experimentation with various wellbeing enhancement techniques.

MPSY 601 Character Strengths and Virtues **(3 cr)**
(Prerequisite: MPSY 501)
This course will provide an introduction to "Positive Psychology," the empirical study of what permits humans to flourish or, as described by Seligman and Csikszentmihalyi (2000), "[the] science of positive subjective experience, positive traits, and positive

institutions." Students will concentrate on studying positive traits or virtues but will also touch on research on positive subjective experience and positive institutions. Students will begin with an overview of the agenda of this new movement in psychology and discussion of a framework for studying virtues. Students will next sample philosophical and religious approaches to cultivating virtues so that they will be able to compare these approaches to scientific approaches. The next section of the course will be a survey of scientific studies of several different virtues, including a two-week section on optimism so that students have an in-depth exposure to at least one program of research in this area. Students will end by studying the application of positive psychology to several important areas such as health and youth development.

MPSY 602 Positive Psychology: Thriving and Flourishing **(3 cr)**
(Prerequisite: MPSY 501)
This course will provide an overview of the emerging field of 'Positive Psychology.' Students will be provided with opportunities to understand theory and research pertaining to the psychology of human strengths, assets, abilities and talents. Knowledge gains will be reinforced with personalized experiential learning exercises.

MPSY 603 Positive Psychology of Meaning **(4 cr)**
(Prerequisite: MPSY 501)
This course is organized around the proposition that people are meaning-seeking and meaning-making creatures, motivated to lead a life that is happy, fulfilling and worth living. This course examines contemporary research on meaning as the central construct in different areas of positive psychology, such as life satisfaction, health, and resilience. It also explores the clinical implications of the meaning advantage.

MPSY 633 Mindfulness Based Cognitive-Behavioral Coaching **(5 cr)**
This course will focus on the exploration of various aspects of coaching from a mindfulness based cognitive-behavioral framework. Topics including procrastination, stress, performance, self-esteem, perfectionism, goal selection and socratic questioning will be discussed using illustrative in-depth coach–coachee dialogues. Students will gain an understanding of positive psychology interventions such as mindfulness, meditation and cognitive-based compassion and their applications to coaching individuals and teams.

MPSY 604 Research Methods and Statistics **(5 cr)**
(Prerequisite: Instructor's permission)
This course will provide a basic introduction to the different types of research methods in Psychology, as well as the descriptive and inferential statistical methods. The course offers a brief introduction to the philosophical underpinnings of research inquiry. Major topics include: the use of scientific method in psychology, hypothesis formation, research study design, ethics, and data analysis and interpretation. Emphasis will be placed on the establishment of appropriate connections between research questions and methodologies. Students will discuss the process of research as it relates to each approach. This process includes writing an introduction, specifying a purpose statement, and developing research questions and/or hypotheses. This course will also discuss the methods and procedures for quantitative, qualitative and mixed methods studies.

MPSY 605 Program Evaluation **(5 cr)**
(Prerequisite: Instructor's permission)
Students will learn about different types of program evaluation, including needs assessment, formative research, process evaluation, monitoring of outputs and outcomes, impact assessment, and cost analysis. Students gain practical experience through a series of exercises involving the design of a conceptual framework, development of indicators, analysis of computerized service statistics, and development of an evaluation plan to measure impact. This course covers experimental, quasi-experimental, and non-experimental study designs, including the strengths and limitations of each.

MPSY 630 Theories and Techniques of Coaching Psychology **(5 cr)**
(Prerequisite: MPSY 534)
Student will be focused on learning the fundamental skills of coaching, and laying the foundation for sound contemporary coaching practice. Drawing on established approaches from positive psychology and traditional psychology, students will be trained in the core micro skills of coaching. Practical experience of self-coaching and co-coaching are central aspects of this course, requiring students to apply self-coaching strategies to their own lives.

MPSY 631 Applied Positive Psychology Coaching **(5 cr)**
This course will focus on the growing positive psychology evidence base as it relates to coaching applications. In short, positive psychology is the scientific study of the strengths and virtues that enable individuals and communities to thrive. It is a rich and growing field, and aligns perfectly with coaching: both assume people are basically healthy, resourceful, and motivated to grow.

Students will explore recent research in positive psychology and how it builds upon current coaching practice to help refine it. Students will also learn the importance of relationships, autonomy and achievement in the coaching process.

MPSY 644 The Psychology of Group Coaching **(5 cr)**
This course will focus on providing a foundation for group coaching –what it is and how it differs from one-on-one coaching. Throughout the course, students will explore this evolving area of coaching as students learn practical methods for designing, implementing and marketing group coaching programs.

MPSY 670: Compassion: Science, Theory and Practice **(4 cr)**
(Prerequisites: MPSY 571 and MPSY 572)
In this course, students will focus on one protocol in particular that employs analytical meditation to cultivate compassion, namely Cognitively-Based Compassion Training (CBCT), a program developed at Emory University in 2005 that is now being implemented in health-related and educational contexts, and that has been examined scientifically in a number of studies. Students will examine its theory, including its background in the Tibetan Buddhist lojong tradition; review the scientific research that has been conducted on it; and learn the practice itself through first-hand experience of its eight stages.

MPSY 671: Compassion Meditation Lab **(2 cr Pass/Fail)**
This course will provide students with training in Cognitively-Based Compassion Training (CBCT), a secularized meditation protocol for developing compassion towards oneself and others. Through a systematic, eight-step process, CBCT employs analytical meditation alongside non-analytical techniques to foster insight into one's own mental experiences, self-compassion and resilience, gratitude and forgiveness, empathy, and unbiased compassion. Students will be guided through this process in weekly meditation sessions. Although CBCT has shown to have demonstrable psychological and physical health benefits, the focus of this course will be on the actual practice of the meditation, rather than on meditation theory and the scientific study of meditation.

MPSY 680: Advanced Seminar in Contemplative Psychology **(4 cr)**
(Prerequisites: MPSY 604, MPSY 606, MPSY 670)
This course provides students with an opportunity to engage in an in-depth examination of one specific contemplative tradition through the lens of both traditional texts and sources and contemporary psychology and neuroscience, in order to see what contemplative psychology has to offer positive psychology, and vice versa. The format will be seminar-style. The specific contemplative tradition to be examined can vary depending on instructor expertise and student interest, and possible topics include the Tibetan lojong or 'mind training' tradition; the medieval Christian contemplative tradition; or Sufi spirituality. The psychological, cognitive science, and neuroscientific literature presented will focus on research on emotions and emotion regulation, areas that are particularly amenable to comparisons with contemplative psychologies that largely focus on transforming emotional patterns.

MPSY 685 Contemplative Science and Secular Ethics Practicum **(Total Credit Hours: TBD)**
(Prerequisites: Completion of all required courses in the Contemplative Science and Secular Ethics track and at least 3 quarters of Meditation Lab courses (MPSY 574 and MPSY 576)
This course enables students in the Contemplative Science and Secular Ethics track to engage in a training practicum that will place them in a setting where they can (a) create an intervention related to contemplative science and secular ethics or adapt an existing intervention to a specific population; and (b) implement such an intervention (either the one they designed or an established protocol). Typical settings would include educational and clinical settings, such as a local school. Students may also be involved in participating in on-going meditation studies taking place in the Atlanta area, where they would serve in capacities such as meditation instructor or assistant meditation instructor.

MPSY 688/689 Positive Psychology Capstone **(Total Credit Hours: TBD)**
(Prerequisites: PSY 510 and MPSY 511)
The primary aim of this capstone course is to allow students to reflect on what they have learned in previous positive psychology courses, to see how the various areas of research interrelate with each other and with the world, to see how students can use positive psychology in their lives and careers, and to polish students' writing and presentation skills in preparation for the world after graduation.

MPSY 530 Theories and Techniques of Coaching Psychology **(5 cr)**
Students will be focused on learning the fundamental skills of coaching, and laying the foundation for sound contemporary coaching practice. Drawing on established approaches from positive psychology and traditional psychology, students will be

trained in the core micro skills of coaching. Practical experience of self-coaching and co-coaching are central aspects of this course, requiring students to apply self-coaching strategies to their own lives.

MPSY 606: The Art of Self-Care: Mindfulness, Meditation, and the Mind/Body Connection (4 cr)
This course will examine mindfulness, loving kindness, and insight styles of meditation in both their traditional Buddhist and contemporary presentations, as well as the growing scientific literature on mindfulness and its effects. It will also provide students with personal training through first-person engagement with mindfulness and insight meditation practices.

MPSY 615: The Psychology of Forgiveness (4 cr)
In this course, students examine the psychological research on forgiveness as a complex construct involving cognitive, affective, motivational and behavioral aspects. Students also look closely at techniques for cultivating forgiveness found in the contemplative traditions, focusing in particular on a classic Indian text, Shantideva's "Guide to the Bodhisattva Way of Life," the sixth chapter of which is a handbook on forgiveness and how to deal with anger and resentment. Students will explore these concepts not only theoretically, but also through practical exercises in order to complement students' understanding with a phenomenological account of forgiveness.

MPSY 607 Positive Organizational Scholarship and Human Flourishing (5 cr)
This course invites students to explore the opportunities presented by two vibrant and emerging fields: Positive Psychology and Positive Organizational Scholarship (POS).

MPSY 534 The Evolution of Coaching (5 cr)
During this course, students will explore the history of coaching through the psychological theories and therapies, as well as the social and spiritual movements out of which coaching has evolved. As coaches, students need to know where their core ideas come from. Furnished with such knowledge, students have access to a much more flexible toolkit, and are in a better position to judge where and when to call on one technique or model rather than another.

MPSY 698 Contemplative Science and Secular Ethics Research Project
(Prerequisites: MPSY 604 and completion of all required core courses in the Contemplative Science and Secular Ethics track.)
Total Credit Hours: (15 credit hours-5 Fall, 5 Winter, and 5 Spring)
This course is for students who will submit a thesis based on an independent research project in the Contemplative Science and Secular Ethics track. Students will be given the opportunity to carry out a research project on a topic related to positive psychology, contemplative science and secular ethics, with the approval and supervision of a member of the graduate faculty. Students should already have identified a research issue early in their course of study and prior to enrolment in this course, and must also have completed the necessary prerequisites in research methods and any other coursework necessary for the successful completion of their project.

Department of Sport Health Science

Chair: M. Catherine Faust, PhD

The Department of Sport Health Science at Life University offers the Master of Athletic Training (MAT) and Master of Science in Sport Health Science (MS) degrees. The professional Master of Athletic Training degree is awarded after the completion of a two-year, 76 credit hour curriculum. The Master of Science in Sport Health Science degree is a 52 credit hour curriculum with areas of concentration in Exercise and Sport Science, Sport Injury Management, Sport Coaching, Nutrition and Sport Science, and Chiropractic Sport Science.

Laboratory experiences exist for those students interested in biomechanics, fitness, injury management, athletic training, and cardio-respiratory physiology. The laboratories at Life University provide students the opportunity for technical knowledge along with research experiences, under the direction of highly skilled faculty.

The faculty of the Sport Health Science program unanimously adopts the concept that a Master's degree should not be simply a "fifth year" of undergraduate study. Graduate students should be encouraged to broaden the world's knowledge, in addition to being exposed to the accumulated knowledge in their chosen areas of concentration. To that end, Life University graduate students are encouraged, but not required, to conduct a research study. This may be in the form of individualized study, or the more formal Master's thesis. Those choosing the Master's thesis track will not be required to take the Master's comprehensive examination.

Mission of the Department of Sport Health Science

The mission of the Department of Sport Health Science at Life University is to educate and prepare students for careers in fields related to fitness, health, and sport. We seek to provide a depth of education as well as the specialized skills and sense of creative independence that will allow graduate students to practice in, and contribute to, a profession or field of scholarship.

Department Objectives

The Department of Sport Health Science has set the following objectives:

1. To provide a curriculum directly related to, and appropriate for, preparing students to practice in and contribute to the areas of exercise science, coaching, sport injury management and chiropractic sport science;
2. To offer the highest quality academic programs by providing a qualifies faculty;
3. To provide an environment that supports and encourages scholarly interaction and accessibility among faculty and students;
4. To conduct research related to athletics, exercise, and sport chiropractic, and to disseminate information obtained from this research at appropriate sport science, chiropractic and health science meetings, as well as in appropriate sport science, chiropractic and health related journals;
5. To provide students with opportunities for laboratory and field experiences in order to obtain practical experience needed for advancing their education and careers.

Student Learning Outcomes

1. Critical Thinking and Communication – the students will have the ability to interpret, analyze, synthesize and communicate information in their specialized field of study.
2. Knowledge, Skills and Abilities in SHS – the students will be able to demonstrate knowledge, skills and abilities necessary for their selected area of concentration: chiropractic sport science, exercise and sport science, sport injury management, nutrition and sport science, and sport coaching.
3. Knowledge Base in SHS – the students will be able to demonstrate core competencies in exercise physiology, kinesiology and research methods.
4. Clinical Experience – the students will be able to demonstrate clinical competencies in their specialized field of study.
5. Technology – the students will demonstrate appropriate use of technology necessary within their selected field of study.
6. Professional Behavior & Conduct – the student will model appropriate professional behavior necessary for their selected field of study.
7. Research – the student will critique, analyze, and interpret the scientific literature as well as create a research design within their field of study.

Technical Standards for Sport Health Science Students

Individuals who seek to earn a master's degree in the Department of Sport Health Science must be able to assume responsibility for providing services to patients and/or clients safely and ethically in the fitness, health and athletic (sport) fields. All students must complete the curriculum in order to graduate with the respective degree. Students must demonstrate certain minimum essential skills, including but not limited to the following in the box below, in order to gain admission and to successfully complete these programs.

Technical Standards Minimum Essential Skills—Department Of Sport Health Science

Sensory/Observation:

1. Obtain an appropriate health/fitness/medical history from the patient/client.
2. Accurately examine body systems and determine visual, hearing, speech and non-verbal communication, cognition, strength, flexibility, body composition and functional capacities of patients/clients.
3. Accurately examine cardiovascular fitness, including but not limited to vital signs, blood pressure, heart sounds, respiration rate/breathing patterns, and exercise endurance.
4. Observe demonstrations and participate in classroom and laboratory experiences.
5. Reliably read all equipment monitors and dials.

Communication:

1. Communicate effectively with patients/clients and others in a respectful, professional, polite and confident manner.
2. Communicate effectively with patients/clients in order to elicit information.
3. Maintain accurate documentation in patient/client records.
4. Demonstrate effective use of therapeutic communication, including but not limited to maintaining eye contact, attending, clarifying, coaching, facilitating and palpation.
5. Demonstrate respect of personal space of patients/clients and others.
6. Demonstrate appropriate non-verbal communication.
7. Translate and communicate complex information simply and clearly.
8. Maintain confidentiality of patient/client information/records according to all federal and state standards.
9. Demonstrate understanding of English, including speaking, reading and writing.
10. Use communication technology effectively, i.e., telephone, computer, email, etc.

Motor/Strength/Coordination:

1. Accurately and effectively use manual techniques to assess pulses, skin condition, musculoskeletal, joint and limb movement.
2. Manipulate with precision dials, knobs and other parts of equipment used in the clinical setting.
3. Negotiate level surfaces, stairs, ramps and equipment that move as necessary to assist patients/clients appropriately; perform a variety of examinations and procedures effectively, which require changing position, sitting, standing, squatting, kneeling and maintaining balance.
4. Respond quickly and effectively to sudden or unexpected movements of patients/clients.
5. Perform basic Cardiopulmonary Resuscitation (CPR), infant through adult, including the proper use of an automated external defibrillator or AED.
6. Demonstrate the ability to sustain adequate performance in the clinical setting.

Intellectual/Conceptual/Integrative/Quantitative Abilities:

1. Demonstrate the ability to recall knowledge, comprehend and interpret, apply, analyze and evaluate information obtained during didactic, laboratory and/or practice setting experiences.
2. Demonstrate problem-solving skills necessary for identifying/prioritizing problems, and developing appropriate solutions and treatment plans for patient/client problems, as well as evaluating those solutions for efficacy.
3. Demonstrate the ability to evaluate and apply scientific research, as well as the ability to effectively identify relevant research literature in the field using electronic databases.
4. Demonstrate the ability to identify complex relationships and problem-solve in-group, individual and collaborative settings.
5. Demonstrate the ability to successfully pass various skill assessments, composed of but not limited to, essay, oral and/or extended multiple-choice tests, compositions, oral presentations and lab practicums designed to assess cognitive and non-cognitive skills.

Behavioral and Social Attributes:

1. Demonstrate attributes of honesty, integrity, enthusiasm, compassion and empathy for others.
2. Demonstrate ability to critique own performance, accept responsibility for one's own actions, and follow through on commitments and assignments.
3. Actively seek help when necessary and appropriately utilize constructive feedback.
4. Demonstrate organizational skills, complete all professional responsibilities and assignments in a timely manner.
5. Adapt to ever-changing environments, demonstrating flexibility and learning in the face of uncertainties and stresses inherent in the education and practice settings.
6. Respect cultural and personal differences in others, including being non-judgmental.
7. Delegate responsibility appropriately and function as a member of a team.
8. Maintain appropriate personal hygiene and adhere to dress codes mandated by the University and clinical setting(s).

9. Demonstrate appropriate judgment in the prompt completion of all academic and clinical responsibilities.
10. Demonstrate mature, sensitive, ethical and effective relationships with patients/clients and other professionals.
11. Demonstrate the ability to function effectively under stress and/or potential life-threatening emergency.
12. Demonstrate the ability to adapt to change; to exhibit flexibility in the face of stressful situations.
13. Demonstrate empathy, integrity, compassion, motivation and commitment commensurate with professional standards in the field.
14. Demonstrate the professional attributes of honesty, caring, respect, trustworthiness, competence and responsibility to and for their colleagues and patients/clients.
15. Maintain appropriate professional boundaries with patients/clients.

Technical Standards Procedures

While inviting and encouraging voluntary self-identification by students with disabilities, the University has always related to its students as responsible adults with the independent right to make such life decisions. One of those responsibilities is to work with the Student Success Center (SSC) in requesting reasonable accommodations, academic adjustments and/or auxiliary aids and services pursuant to the procedures set forth in this catalog.

Any Undergraduate, Master's-level or Chiropractic candidates who self-identify their disability during any of the four stages – prior to applying for admission, during the application process, after acceptance, but before attending classes, and while currently attending classes – will be referred to the Director of the Student Success Center.

The Director of the SSC will work in concert with the Disability Advisory Committee (DAC) whenever a question arises as to an individual's ability to meet the requirements and technical standards of the specific program to which the student is applying, or in which the student is enrolled. The DAC has been established to adjudicate this process in a timely manner. The Director of the SSC ensures compliance with policy.

Written Comprehensive Examination

Each non-thesis candidate is required to take a written, comprehensive examination. The examination will be drawn from all the required courses in each student's specific area of study. The Written Comprehensive Examination is designed to measure the student's ability to analyze, synthesize, evaluate and apply the knowledge acquired through the program. The examination questions are prepared by the Sport Health Science faculty.

Eligibility Requirements:

1. Completion of the Comprehensive Exam Application
2. Completed all core and required courses for area of concentration (as outlined in the degree plan)
3. Minimum cumulative GPA of 3.0
4. All required application materials are on file

To be eligible to take the Written, Comprehensive Examination, the student must complete an application with the SHS Department, which has been approved by the student's advisor, and Department Chair. This application must be filed with the department no later week six of the quarter before the comprehensive exam will be completed.

Once approval has been granted, the student will be registered for MSHS 699 and the application will be forwarded onto the registrar's office. The deadline for registration is week ten of the quarter before. At this time, the student must report to the registrar's office to start the records review.

The exam is offered on the Friday of the fourth week from 9:00 a.m. to 2:00 p.m. Report to room 160 in the Sport Health Science Building no later than 8:45 a.m.

The exam will be graded by all faculty members who teach in the Department of Sport Health Science's degree programs. The faculty members are given at least two weeks for reading and grading (time frame may vary depending on number of candidates). The student will be notified by mail the outcome of the exam.

The examination, which is composed of a battery of coursework, is scheduled for four hours. One hour is allotted to answer one of two questions dealing with research; one hour is allotted to answer one of two questions from MSHS 600 and MSHS 670; and two hours are allotted to answer two of five questions from the additional required and elective courses.

Whether or not a student passes requires a majority agreement of the Sport Health Science Faculty. A student may retake the examination only once.

The written comprehensive examination is offered the fourth week of every quarter.

Master of Athletic Training

Accreditation Status

The Athletic Training (AT) program is currently pursing accreditation by the Commission on Accreditation of Athletic Training Education (CAATE). The first class graduated in June 2014 and will be eligible to sit for the Board of Certification exam.

Introduction

Life University's Department of Sport Health Science offers a Master of Athletic Training (MAT) degree. This 76 credit hour graduate degree is a two-year full-time professional program.

As a "professional" program, students in the AT program would enter with no or minimal knowledge and experience in athletic training. After completing the requirements for this degree, students would meet and exceed all the minimal requirements to sit for the national Board of Certification (BOC) exam. There are only 35 similar programs in the world. Students should refer to the appropriate section of the Graduate Catalog for graduation requirements.

During this curriculum, the students will be required to conduct a research project but not a formal Master's thesis. The MAT student will be completing a non-thesis degree program and will be required to take the Master's comprehensive examination.

Application Requirements Specific to the MAT

Instructions for the graduate school application are found in the Academic Policies section of the Graduate Catalog.

1. Acceptance into the professional graduate MAT degree program occurs on an annual basis (program starts in July of each year). The application process for the Master of Athletic Training degree is highly competitive as the number of students accepted is limited.
2. All admissions requirements should be met and all official documentation received in the Office of Enrollment 30 days (45 days for all international students) prior to the beginning of the quarter of intended matriculation. Due to the competitiveness of the MAT degree program, application materials should be received by February 1 of each year.
3. Applicants for the Master of Athletic Training degree will also be required to have 75 hours of clinical observation (supervised by Certified Athletic Trainer or appropriate allied health practitioner).

Important Note: The deadline for the MAT application is February 1.

Master of Athletic Training Curriculum

Prerequisite Courses (Undergraduate)

- Chemistry I
- Physics I
- Human Anatomy
- Human Physiology

Recommended Courses

- Kinesiology or Biomechanics
- Exercise Physiology
- Statistics
- General Psychology

Admission Requirements

- Bachelor's Degree from an Accredited Institution
- Cumulative Grade Point Average/GPA: 3.00 or higher

- Prerequisite Course grades: C or higher
- Cover Letter (incl. 6 question personal statement)
- GRE 280 cum, 3.5 writing; TOEFL 500-paper, 61-ibt, 173 – comp

Other items:

- 3 recommendation forms
- $50 application fee and resume
- Clinical Observation = 75 hours (supervised by ATC)
- Physical exam and medical history form

Clinical Education (CE): This experience begins annually around August 1. Students must get an average minimum of 15 hours/week and maximum of 25 hours/week for Clinical Education courses (see CE below). Students complete a minimum of 1,200 hours in two years in a variety of sports, patient-types and settings (which includes an additional 50 hours of miscellaneous hours).

First Year		**39**	**Second Year**		**37**
Summer (7 credits) [July 14 – Sep 25]			**Summer (6 credits)**		
MSHS 641	Athletic Injury Care	4	MSHS 624	Strength Training & Devel.	4
MSHS 605	Evaluation Fundamentals	2	MSHS 661.15	Clinical Ed V (150 hrs)	1 CE
MSHS 661.11	Clinical Ed I (100 hrs)	1 CE	MSHS 686	Indiv Study-Research Project	1
Fall (9 credits) [Oct 6 – Dec 20]			**Fall (10 credits)**		
MSHS 670	Kinesiology of Sport	4	MSHS 680	Research Methods	4
MSHS 650	Injury Assessment: Lower Ext	4	MSHS 667	Clinical Conditions	4
MSHS 661.12	Clinical Ed II (150 hrs)	1 CE	MSHS 661.16	Clinical Ed VI (150 hrs)	1 CE
			MSHS 686	Indiv Study-Research Project	1
Winter (13 credits) [Jan 12 – Mar 28]			**Winter (11 credits)**		
MSHS 600	Exercise Physiology	4	MSHS 622	Nutrition for Fitness & Sport	4
MSHS 652	Injury Assessment: Upper Ext	4	MSHS 654	Administration in Healthcare	4
MSHS 646	Therapeutic Agents	4	MSHS 661.17	Clinical Ed VII (150 hrs)	1 CE
MSHS 661.13	Clinical Ed III (150 hrs)	1 CE	MSHS 686	Indiv Study-Research Project	2
Spring (10 credits) [Apr 6 – June 18]			**Spring (10 credits)**		
MSHS 612	Exercise Testing & Prescription	4	MSHS 656	Sport Psychology	4
MSHS 648	Therapeutic Exercise	4	MSHS 655	Professional Dev. in AT	3
MSHS 647	Therapeutic Ex Lab for AT	1	MSHS 661.18	Clinical Ed VIII (150 hrs)	1 CE
MSHS 661.14	Clinical Ed IV (150 hrs)	1 CE	MSHS 686	Indiv Study-Research Proj 2	2

TOTAL Hours: 76 quarter credit hours (divided by 1.5 = less than 51 semester credits)

Program Director:

Dr. Donald Fuller, PhD, ATC, LAT • Phone: 770-426-2771, ext 2790 • Email: Donald.Fuller@LIFE.edu
AT Program website: www.LIFE.edu/ATEP

Student Learning Objectives in the MAT Program

1. The student will demonstrate both knowledge of evidence based practice concepts and their application to clinical decision-making related to patient/client management (EBP).
2. The student will be able to demonstrate knowledge and skills related to prevention principles and strategies for prevention, protective equipment and prophylactic procedures, fitness and wellness, and sports nutrition (PHP).
3. The student will be able to demonstrate knowledge and clinical examination skills in order to diagnosis and treat their patients/clients (CE).
4. The student will be able to conduct and utilize techniques and clinical examination procedures of common injuries, conditions, illnesses, and diseases (CE).
5. The student will be able to evaluate and manage acute injuries and illnesses (AC).
6. The student will be able to utilize a variety of therapeutic interventions, methods, modalities, techniques, equipment, rehabilitation methods, and body movements in order to enhance function and human performance (TI).
7. The student will be able to demonstrate knowledge and skills recognizing clients/patients with abnormal social, emotional, and mental behaviors and utilizing psychosocial strategies with client/patient management (PS).
8. The student will be able to demonstrate knowledge and skills related to healthcare administration which may include risk management, healthcare delivery mechanisms, insurance, reimbursement, documentation, privacy and facility management.
9. The student will be able to demonstrate knowledge and skills that facilitate the healthcare practitioner providing quality patient care, functions within the limits of state and federal regulations using sound moral and ethical judgment (PD).
10. The student will be able to apply, synthesize, and integrate the knowledge, skills and abilities necessary for athletic trainers to provide appropriate clinical care for patients/clients (CIP).

Clinical Education Hour Requirements

Clinical education experiences are required each quarter in addition to the course load. Students will complete a minimum of 1,200 hours in two years in a variety of sports and patient-type settings.

Clinical education experiences within the profession of athletic training serve to provide invaluable experiences and contacts that will enhance the students' educational process. Therefore, students are to complete a minimum of 15 hours per week per term but not to exceed 25 hours per week per term as an athletic training student during the clinical educational portion of the AT program; unless it is a holiday or school is on break. The student must have a minimum of one day per week without clinical experiences. The student is expected to document each day. The following hours cannot be counted towards documented clinical hours: time spent traveling with a team, meals, unsupervised time, or academic hours.

Clinical hours completed during winter break or breaks between quarters are optional. Students are NOT required to complete hours during breaks in the academic calendar or during finals week. However, if a student has the opportunity to complete the clinical learning experience during this timeframe, one cannot earn more than 25 percent of the clinical hours required for the following quarter. These experiences must be pre-approved by both the clinical preceptor and the program director/clinical coordinator.

Students must be directly supervised by a clinical preceptor during the delivery of athletic training services. The clinical preceptor must be physical present and have the ability to intervene on behalf of the athletic training student and the patient. At no time is the student allowed to function as a first responder. During a clinical rotation, a student is not allowed to perform skills on a patient/client until the skill has been covered in a course and evaluated by the faculty member or clinical preceptor.

Students can only obtain clinical hours form a pre-approved site that has completed clinical preceptor training and undergone a clinical site evaluation, submitted all necessary documentation (which may include but is not limited to contract, credentials, licensure, BOC cards, emergency action plan, and equipment documentation). At no time will a student be allowed to obtain hours from a non-approved clinical site.

Clinical Education Rotation Plan and Schedule

Students are assigned to their clinical preceptors (CPs) and clinical sites by the Program Director or the Clinical Coordinator based on a clinical education rotation schedule through the various sports categories as well as such considerations as the student's strengths and weaknesses, career interests and goals, and prior experience.

Additional factors, such as availability of CPs and physical capacity of the site, are also considered in assignment of students to clinical ed. rotation sites.

In addition, AT students in the equipment intensive rotation will be scheduled to observe, assist, and compile notes as the physicians' perform examinations in the athletic training room.

All clinical education experiences off-campus (i.e., general medical, high school, physical therapy clinic, etc.) take priority over all other clinical responsibilities.

If there is a problem with ANY of these clinical education sites or experiences, notify the Clinical Coordinator or Program Director immediately.

Master of Science in Sport Health Science

Introduction

Life University offers a 52 credit hour Master of Science degree in Sport Health Science with specialty tracks in the professional fields of Exercise and Sport Science, Sport Injury Management, Sport Coaching, Nutrition and Sport Science, and Chiropractic Sport Science. The curriculum is designed to permit graduates with an interest in these specific areas to realize their personal and professional goals. Any graduate level course offered in the Sports Health Science program except for ATC "only" (i.e., Masters in Athletic Training) courses can be used as an elective for any of the specialty tracks.

Prerequisite Courses

All students must have taken at least one college level course with a grade of "C" or better in each of the following disciplines to be admitted into the program:

1. Anatomy and Physiology (may be a combined course)
2. Chemistry
3. Physics

Master of Science in Sport Health Science Areas of Concentration

Chiropractic Sport Science

This specialty track is designed to integrate the disciplines of chiropractic and sport science. Program objectives include the practical application of scientific knowledge with hands-on opportunities for the chiropractor/student to work with athletes in all sports. Areas of study include research and coursework in arthrokinematics, biomechanics, exercise physiology and kinesiology. Students interested in this specialty area of should have a Doctor of Chiropractic degree or be a candidate in the chiropractic program and have a desire to integrate chiropractic and athletic performance.

Core Courses

Course	Course Title	Prerequisite(s)	Credit Hours
MSHS 600	Exercise Physiology		4 cr.
MSHS 670	Kinesiology of Sport		4 cr.
MSHS 680	Research Methods		4 cr.
			12 credit hours

Required Courses

Course	Course Title	Prerequisite(s)	Credit Hours
MSHS 648	Therapeutic Exercise		4 cr.
MSHS 657	Arthrokinematics and Proprioception – Lower Body	TECH 3838	4 cr.
MSHS 658	Arthrokinematics and Proprioception – Upper Body	TECH 3837	4 cr.
MSHS 659	Sport Chiropractic Case Management	MSHS 657 & 658	4 cr.
MSHS 676	Biomechanics of Sport Injury	MSHS 670	4 cr.
MSHS 690	Practicum		4 cr.
	Total		**24 credit hours**

The student may choose 16 credit hours from any of the elective courses. The Master of Science in SHS degree with a specialization in Chiropractic Sport Science requires 12 credits of core courses, 24 credits from designated required coursework, and the remaining 16 credit hours coming from elective coursework for a total of 52 credits.

Chiropractic Sport Science Student Learning Objectives

1. Explain the theoretical basis for the relationship among the extremities, core and spine and the implications for injury and injury prevention.
2. Perform and interpret patient screening and assessment results related to chiropractic.
3. Design and implement patient management strategies for the extremities, including chiropractic management, rehabilitation and injury prevention.

Exercise and Sport Science

This specialty track is designed to prepare the student for a career in fields such as cardiac rehabilitation, clinical exercise physiologists, strength and conditioning coaches, health club management, preventive medicine, corporate fitness and for further study in doctoral programs. Program objectives prepare a student for a variety of demands involved in the evaluation and prescription for preventive and rehabilitation programs.

Students attracted to this program represent a number of backgrounds. These range from recent college and university graduates who majored in physical education, health, recreation, and biology to therapists, nurses, athletic trainers and paramedics. A number have strong backgrounds in the natural sciences or business where they have been involved in club or corporate fitness programs.

Core Courses

Course	Course Title	Prerequisite(s)	Credit Hours
MSHS 600	Exercise Physiology		4 cr.
MSHS 670	Kinesiology of Sport		4 cr.
MSHS 680	Research Methods		4 cr.
			12 credit hours

Required Courses

Course	Course Title	Prerequisite(s)	Credit Hours
MSHS 602	Cardiorespiratory Exercise Physiology	MSHS 600	4 cr.
MSHS 604	Neuromuscular Exercise Physiology	MSHS 600	4 cr.
MSHS 610	Exercise Electrocardiography		4 cr.
MSHS 612	Exercise Testing & Prescription	MSHS 600	4 cr.
MSHS 622	Nutrition for Fitness and Sport	MSHS 600	4 cr.
MSHS 672	Biomechanics of Sport	MSHS 670	4 cr.
	Total		**24 credit hours**

The student may choose 16 credit hours from any of the elective courses. The Master of Science in SHS degree with a specialization in Exercise and Sport Science requires 12 credits of core courses, 24 credits from designated required coursework, and the remaining 16 credit hours coming from elective coursework for a total of 52 credits.

Exercise and Sport Science Student Learning Objectives

1. Explain the theoretical basis of exercise science utilizing the scientific principles of cardiorespiratory physiology, neuromuscular physiology, nutrition, and biomechanics as they relate to human performance.
2. Perform and Interpret patient/client screening and assessment results.
3. Design and implement exercise prescription plans for healthy and clinical populations.
4. Demonstrate and summarize leadership and counseling strategies for various populations including other medical professionals.

Nutrition and Sport Science

This specialty track is designed to integrate the disciplines of Nutrition and Sport Health Science. The program objective is to prepare the graduate student for a career in Sports Health Science and Nutrition through the practical application of scientific

knowledge. Areas of study include research, and coursework in nutrition, biochemistry, exercise physiology and kinesiology.

Core Courses

Course	Course Title	Prerequisite(s)	Credit Hours
MSHS 600	Exercise Physiology		4 cr.
MSHS 670	Kinesiology of Sport		4 cr.
MSHS 680	Research Methods		4 cr.
			12 credit hours

Required Courses

Course	Course Title	Prerequisite(s)	Credit Hours
MSHS 602	Cardiorespiratory Exercise Physiology	MSHS 600	4 cr.
MSHS 612	Exercise Testing & Prescription	MSHS 600	4 cr.
MSHS 622	Nutrition for Fitness and Sport	MSHS 600	4 cr.
MSHS 634	Advanced Exercise Biochemistry	MSHS 622, 680	4 cr.
MSHS 636	Advanced Vitamins and Minerals	MSHS 622, 680	4 cr.
MSHS 638	Advanced Medical Nutrition Therapy	MSHS 634, 636	4 cr.
	Total		**24 credit hours**

The student may choose 16 credit hours from any of the elective courses (xxx). The Master of Science in SHS degree with a specialization in Nutrition and Sport Science requires 12 credits of core courses, 24 credits from designated required coursework, and the remaining 16 credit hours coming from elective coursework for a total of 52 credits.

Nutrition and Sport Science Student Learning Objectives

1. Explain the theoretical basis of nutrition the using the scientific principles of exercise biochemistry and cardiorespiratory physiology as they relate to health and human performance.
2. Perform and interpret patient/client screening and assessment results.
3. Design and implement exercise prescription plans for healthy and clinical populations.
4. Demonstrate and summarize leadership and counseling strategies for various populations including other medical professionals.

Sport Injury Management

This specialty track is designed to help prepare the injury-care provider (e.g. chiropractor) for sport injury management positions at the high school and college level, or in clinical and professional settings. Program objectives prepare students for the prevention, management, evaluation, care and rehabilitation of injuries along with the multiplicity of demands involved with the successful operation of injury-care programs. Students attracted to this specialty have diversified backgrounds including anatomy, physical education, health sciences and biology.

Core Courses

Course	Course Title	Prerequisite(s)	Credit Hours
MSHS 600	Exercise Physiology		4 cr.
MSHS 670	Kinesiology of Sport		4 cr.
MSHS 680	Research Methods		4 cr.
			12 credit hours

Required Courses

Course	Courses Title	Prerequisite(s)	Credit Hours
MSHS 612	Exercise Testing and Prescription	MSHS 600	4 cr.
MSHS 642	On-Field Emergency Care		2 cr.
MSHS 646	Therapeutic Agents		2 cr.
MSHS 648	Principles of Therapeutic Exercise		4 cr.
MSHS 649	Practices of Therapeutic Exercise	MSHS 648	3 cr.
MSHS 676	Biomechanics of Sport Injury	MSHS 670	4 cr.
MSHS 684-13	Sport Seminar: Kinetic Chain Assessment		2 cr.
MSHS 684-14	Sport Seminar: Functional Rehabilitation of the Kinetic Chain		2 cr.
	Total		**25 credit hours**

The student may choose 15 credit hours from any of the elective courses. The Master of Science in SHS degree with a specialization in Sport Injury Management requires 12 credits of core courses, 25 credits from designated required coursework, and the remaining 15 credit hours coming from elective coursework for a total of 52 credits.

Sport Injury Management Student Learning Objectives

1. Explain the theoretical basis for assessment, prevention and rehabilitation of injuries.
2. Perform and interpret patient/client screening and assessment results related to sport injury.
3. Design and implement patient management strategies for injury prevention, acute care and rehabilitation.

Sport Coaching

This specialty track is designed to better prepare students to become coaches that have the knowledge and understanding necessary to obtain optimal performance from their athletes. Program objectives prepare students for scientific coaching by applying the principles of physiology, kinesiology, nutrition, biomechanics and psychology to the sport or sport skill of interest. Students attracted to this specialty may have a variety of backgrounds, including a strong desire to develop world-class athletic performers. Some of these backgrounds will include physical educators or other club, high school and college level coaches, and anyone else desiring to increase their knowledge of sport and/or their own level of sport performance.

Core Courses

Course	Course Title	Prerequisite(s)	Credit Hours
MSHS 600	Exercise Physiology		4 cr.
MSHS 670	Kinesiology of Sport		4 cr.
MSHS 680	Research Methods		4 cr.
			12 credit hours

Required Courses

Course	Course Title	Prerequisite(s)	Credit Hours
MSHS 622	Nutrition in Fitness and Sport	MSHS 600	4 cr.
MSHS 624	Strength Training and Development		4 cr.
MSHS 628	Ergogenic Aids and Substance Abuse	MSHS 600	4 cr.
MSHS 640	Sport Injury Management		4 cr.
One of the Following*:			
MSHS 672	Biomechanics of Sport	MSHS 670	4 cr.
OR			
MSHS 676	Biomechanics of Sport Injury	MSHS 670	4 cr.
One of the Following*:			
MSHS 602	Cardiorespiratory Exercise Physiology	MSHS 600	4 cr.
OR			
MSHS 604	Neuromuscular Exercise Physiology	MSHS 600	4 cr.
	Total		**24 credit hours**

The student may choose 16 credit hours from any of the elective courses. The Master of Science in SHS degree with a specialty in Sport Coaching requires 12 credits of core courses, 24 credits from designated required coursework, and the remaining 16 credit hours coming from elective coursework for a total of 52 credits.

Sport Coaching Student Learning Objectives

1. Explain the theoretical basis of exercise physiology performance utilizing the scientific principles of cardiorespiratory physiology, neuromuscular physiology, nutrition and biomechanics as they relate to human performance.
2. Perform and interpret athlete performance screening and assessment results.
3. Design and implement athlete performance plans.

Clinic and Field Experience Programs

A high degree of flexibility in the sport health science curriculum provides meaningful educational and technical preparation. Students are exposed to the current science and issues in injury management, coaching and sport science through classroom instruction complemented by a strong emphasis on practical experience.

It is the objective of Life University to provide its graduate students with high quality educational opportunities that fulfill their needs. The attainment of this objective may depend upon training in a specialized sports discipline, plus an interrelationship of educational content and field/clinical experience.

There are two field/clinical experience programs from which to choose (credit may only be earned for one of the following experiences):

- **Practicum –** students can earn up to 12 credit hours, which may extend up to three or four quarters with credit earned each quarter.
- **Internship –** the student enrolls in 12 credit hours, which are earned in one quarter.

Practicum Requirements and Policies

1. The student must obtain approval from their academic advisor and supervising professor at least one quarter prior to registration and complete all required paperwork.
2. The student must complete one quarter's course work (12 credit hours) prior to registering for the practicum experience.
3. The student must have a minimum cumulative GPA of 3.00 to be allowed to register for an off-campus practicum experience.
4. The student must complete a practicum proposal prior to registration.
5. Grading for practicum is Pass/Fail to better reflect the practical nature of these courses.

The clinic/field experience hours are equated based on 30 contact hours equals one-quarter hour of credit (i.e., 12-quarter hours of credit for an internship requires the student to complete 360 contact hours during the internship experience).

Internship Requirements and Policies

1. The student must obtain approval from their academic advisor and supervising professor at least one quarter prior to registration and complete all required paperwork.
2. The student must complete all required course work for their area of specialization prior to registering for an internship.
3. The student must have a minimum GPA of 3.00 to register for an internship.
4. The student must complete internship contract prior to registration.
5. 5\Grading for internships is Pass/Fail to better reflect the practical nature of these courses.

Course Descriptions

MSHS 541 Physiological Therapeutics –– Adjunct Procedures **(3-2-4)**
This course is designed for those who will be utilizing physiological therapeutic modalities to augment their treatment and care programs. Instruction on the use of various electrotherapy, acoustical, and mechanical devices, as well as safe and effective treatment procedures are covered. (Note: only three (3) credits will transfer to DC Program.)

MSHS 543 Physiological Therapeutics –– Rehabilitative Procedures **(3-2-4)**
This course is designed for the student who will be utilizing rehabilitative procedures in conjunction with various modalities to augment their treatment and care programs. Instruction on therapeutic/rehabilitative exercises and treatment protocols are covered. Also included are discussions on the use of thermotherapies and soft tissue work in conjunction with exercise. (Note: only three (3) credits will transfer to DC Program.)

MSHS 600 Exercise Physiology **(4-0-4)**
This course offers the study of the physiological responses and adaptations to exercise in terms of how they relate to human performance limitations, training effects, and health-related benefits. Emphasis will be given to a study of the components of physical fitness. Exercise metabolism and nutrition will be covered.

MSHS 602 Cardiorespiratory Exercise Physiology **(4-0-4)**
(Prerequisite: MSHS 600)
This course offers the study of the responses of the cardiorespiratory system to physical activity, as well as the adaptations to exercise training. Topics covered include energy expenditure, oxygen consumption, cardiovascular responses (acute and chronic) to training, physiological control mechanisms, and physiological changes due to diseased states and various environmental conditions.

MSHS 604 Neuromuscular Exercise Physiology **(4-0-4)**
(Prerequisite: MSHS 600)
This course will examine the relationship between neuromuscular structure and function with an emphasis on understanding the acute responses and chronic adaptations of skeletal muscle to exercise and training. Topics discussed include the biochemical and morphological characteristics of skeletal muscle fibers, neural regulation, and bioenergetics of muscular contraction and fatigue, and muscle plasticity as related to development, growth and adaptation.

MSHS 605 Evaluation Fundamentals **(2-0-2)**
This course provides the student with an introduction to the injury evaluation principles of patient care. Topics include: patient interviewing and history taking, medical documentation, monitoring vital signs, positioning, transfers, the use of assistive equipment for ADL activities, gait instruction, and wheelchair prescription and training. Students will also be introduced to goniometry, manual muscle testing, reflex testing and sensory testing.

MSHS 610 Exercise Electrocardiography (EKG) **(3-2-4)**
This course offers the study of the electrical activity of the heart and its mechanical function with emphasis on arrhythmia and 12-lead interpretation. Topics discussed include cardiovascular structure and function, EKG interpretation, stress testing protocols and ergometry used in the clinical setting, and interpretation of EKG/GXT data in various patient populations.

MSHS 612 Exercise Testing & Prescription **(3-2-4)**
(Prerequisite: MSHS 600)
This course offers the study of the fundamental principles of exercise testing and prescription for healthy and diseased states. Ergometry commonly employed in human performance labs, clinical settings and health clubs will be evaluated. Topics discussed include medical screening, strength testing, power and flexibility, anaerobic and aerobic fitness assessment, body composition, exercise prescription and metabolic calculations.

MSHS 622 Nutrition for Fitness and Sport **(4-0-4)**
(Prerequisite: MSHS 600)
The course examines the nutritional requirements of fitness enthusiasts and athletes in relation to metabolism during exercise and recovery. The relationship of exercise and diet to health and disease is examined also.

MSHS 624 Strength Training and Development **(4-0-4)**
This course examines the design and implementation of various types of resistance training programs, the underlying neuromuscular and physiological basis for various types of resistance training exercises, and the acute responses and chronic adaptations to resistance training exercise.

MSHS 628 Ergogenic Aids and Substance Abuse **(4-0-4)**
(Prerequisite: MSHS 600)
This course offers the examination of the pharmacological and nutritional agents used by athletes in order to enhance muscular development and exercise performance. Commonly abused, recreational drugs and their effects on athletic performance will be discussed.

MSHS 632 Exercise and Aging **(4-0-4)**
(Prerequisite: MSHS 600)
This course examines the effects of aging and exercise on the fitness and health of aging individuals. Topics discussed include theories of aging, the interaction of aging and disease processes, and the effects of aging and exercise on body composition, cardiorespiratory function, muscular strength and endurance, and motor and cognitive function.

MSHS 634 Advanced Exercise Biochemistry **(4-0-4)**
(Prerequisites: MSHS 622 and MSHS 680)
This course is designed to provide a comprehensive overview of exercise biochemistry. Reading and discussion of current topics in exercise biochemistry related to control mechanisms, methods used in research to assess biochemical adaptations, mechanisms regulating carbohydrate, lipid and protein metabolism; adaptations with exercise training; influence of acute and chronic exercise on energy metabolism, insulin signaling and action; skeletal muscle lactate utilization and transporters, and the relationship between metabolism and fatigue.

MSHS 636: Advanced Vitamins & Minerals **(4-0-4)**
(Prerequisites: MSHS 622 and MSHS 680)
This course offers the study of advanced functional, biochemical, and metabolic properties of vitamins and minerals are discussed, especially in context of athletic performance and chronic disease prevention. This course will also expose students to concepts and methods of epidemiology, focusing on epidemiologic research studies.

MSHS 638: Advanced Medical Nutrition Therapy **(4-0-4)**
(Prerequisites: MSHS 634 and MSHS 636)
This course offers the study of the major new developments in the field of advanced medical nutrition therapy. Several medical topics will be covered during the length of the quarter.

MSHS 640 Sport Injury Management **(4-0-4)**
This course offers the study of the prevention, evaluation, treatment and rehabilitation of athletic injury.

MSHS 641 Athletic Injury Care **(3-2-4)**
Students continue to learn about the athletic training profession. They are taught basic principles in the prevention, evaluation and care of athletic injuries. Students also learn basic taping and wrapping; and CPR/AED for the professional rescuer.

MSHS 642 On-Field Emergency Care **(2-0-2)**
This course offers the comprehensive study of the assessment and management of traumas and medical emergencies that occur in sports. The course focuses on the life-threatening conditions that occur to the head, neck, chest, abdomen and spinal cord. Physiological, environmental and physical processes that lead to these life-threatening injuries are examined.

MSHS 646 Therapeutic Agents **(3-2-4)**
This course offers the study of selected physical agents commonly used in athletic training. Topics include hydrotherapy, massage, thermotherapy, cryotherapy and traction.

MSHS 647 Therapeutic Exercise Lab for Athletic Training **(0-2-1)**
The purpose of this course is to provide an application of exercises and techniques based on current evidence. Skills taught in this course will include range of motion, flexibility, strength, balance, proprioception, aerobic exercise, aquatic exercise, manual therapy and others.

MSHS 648 Principles in Therapeutic Exercise **(4-0-4)**
The study of the basic principles and techniques used to rehabilitate joints, muscles and other soft tissue conditions. This course is required in the special interest curricula and athletic training.

MSHS 649 Practices of Therapeutic Exercise **(2-2-3)**
(Prerequisite: MSHS 648)
This course provides practical experience in the development and application of exercise programs for musculoskeletal conditions utilizing manual exercise, gymball (Swiss ball), free weights, calisthenics and theraband. The practical experiences and application are based on the theoretical principles covered in MSHS 648.

MSHS 650 Injury Assessment: Lower Extremity **(3-2-4)**
This course presents the systematic evaluation of exercise-induced injuries to the lower body including the hip and groin. Prevention and management of these injuries are also considered.

MSHS 652 Injury Assessment: Upper Extremity **(3-2-4)**
This course presents the systematic evaluation of exercise-induced injuries to the upper body including the head, neck and low back. Prevention and management of these injuries are also considered.

MSHS 654 Administration in Healthcare **(4-0-4)**
This course offers the study of the organization and administration of an athletic training program. Areas of consideration include, but are not limited to, policies and procedures, budgeting, ordering, record keeping, legal considerations and facility development.

MSHS 655 Professional Development in Athletic Training **(3-0-3)**
This course is for athletic training students to engage in advanced study and discussion of specialized topics and contemporary issues related to the field of athletic training. Emphasis is placed on professional development and employment issues.

MSHS 656 Sport Psychology **(4-0-4)**
This course will examine psychological theories and techniques applied to sport to enhance the performance and personal growth of athletes, coaches and others. Emphasis is given to understanding personality, motivation, confidence, discipline, imagery use, psyching techniques, relaxation training, anxiety and choking, attention and concentration, the psychology of injury and rehabilitation, and clinical issues common in athletics.

MSHS 657 Arthrokinematics and Proprioception of the Lower Body **(3-2-4)**
(Prerequisite: TECH 3838)
The study of lower extremity joint function that is not produced by the action of voluntary muscles. Advanced techniques of extremity adjusting, as an adjunct to spinal adjusting, are studied.

MSHS 658 Arthrokinematics and Proprioception of the Upper Body **(3-2-4)**
(Prerequisite: TECH 3837)
This course offers the study of upper extremity joint function that is not produced by the action of voluntary muscles. Advanced techniques of extremity adjusting, as an adjunct to spinal adjusting, are studied.

MSHS 659 Sport Chiropractic Case Study **(4-0-4)**
(Prerequisites: MSHS 657 and MSHS 658)
This course offers the study of a systematic process of developing of case management skills as it pertains to sport injury. The course focuses on the more common athletic injuries seen in the clinical and on field settings. The student learns how to diagnose, rehabilitate and adjust such injuries.

MSHS 660 Sport Management **(4-0-4)**
This course offers the study of the organization and administration of athletic programs. Areas of consideration include, but are not limited to, policies and procedures, intercollegiate and youth sports, budgeting, marketing, event planning and legal issues.

MSHS 661.1 Clinical Education I **(0-2-1)**
Students are introduced to the profession of athletic training and the athletic training education program. Students will learn basic taping and wrapping; modalities, wound care, splinting, environmental and other basic skills. They will also be assigned to clinical education rotations under the direct supervision of a preceptor.

MSHS 661.12 Clinical Education II **(0-2-1)**
The student will develop advanced taping, wrapping, bracing, fitting sports equipment. They will also be assigned to clinical education rotations under the direct supervision of a preceptor.

MSHS 661.13 Clinical Education III **(0-2-1)**
Students will be assessed on psychomotor skills learned from the previous quarter – lower extremity and therapeutic modalities. They will also be assigned to clinical education rotations under the direct supervision of a preceptor.

MSHS 661.14 Clinical Education IV **(0-2-1)**
Students will be assessed on psychomotor skills learned from the previous quarters – upper extremity and therapeutic modalities. They will also be assigned to clinical education rotations under the direct supervision of a preceptor.

MSHS 661.15 Clinical Education V **(0-2-1)**
Students will be assessed on psychomotor skills learned from the previous quarters-posture, body composition, and therapeutic exercise. They will be assigned to a clinical education rotation under the direct supervision of a clinical preceptor.

MSHS 661.16 Clinical Education VI **(0-2-1)**
Students will be assessed on psychomotor skills learned from the previous quarters-spine, head/neck, and strength training. They will be assigned to a clinical education rotation under the direct supervision of a clinical preceptor.

MSHS 661.17 Clinical Education VII **(0-2-1)**
Students will be assessed on psychomotor skills learned from the previous quarters – clinical conditions, and thorax/abdomen. They will be assigned to a clinical education rotations under the direct supervision of a clinical preceptor.

MSHS 661.18 Clinical Education VIII **(0-2-1)**
Students will be assessed on psychomotor skills learned from all previous quarters and practice for the national BOC exam. They will be assigned to a clinical education rotations under the direct supervision of a clinical preceptor.

MSHS 664 Clinical Education IV **(2-0-2)**
Students will be assessed on psychomotor skills learned from the previous quarters – posture, body composition, therapeutic exercise and strength training. They will also be assigned to clinical education rotations under the direct supervision of a preceptor. Students must complete a minimum of 350 clinical education hours.

MSHS 665 Clinical Education V **(2-0-2)**
Students will be assessed on psychomotor skills learned from the previous quarters – clinical conditions, spine, head/neck and thorax/abdomen. They will also be assigned to clinical education rotations under the direct supervision of a preceptor. Students must complete a minimum of 200 clinical education hours.

MSHS 667 Clinical Conditions **(4-0-4)**
This course covers the evaluation and prevention of the most common clinical conditions. This course will also cover medications commonly encountered in the practice of physical medicine. It will include categories of medications, generic and trade names of common medications, the use, effects and precautions of common medications, as well as their interactions and pharmacokinetic principles.

MSHS 670 Kinesiology of Sport **(4-0-4)**
This course offers the study of anatomical and kinesiological principles applied to the qualitative analysis of human motion in sports skills. Topics include movement terminology, muscle mechanics and function, levers, and an introduction to kinematics and kinetics of human motion.

MSHS 672 Biomechanics of Sport **(4-0-4)**
(Prerequisite: MSHS 670)
This course offers the study of mechanical principles applied to the analysis of sports movements. Topics include in-depth study of muscular mechanics, kinematics, kinetics, and modeling of human movement.

MSHS 674 Biomechanics of Sport Techniques **(4-0-4)**
(Prerequisite: MSHS 670)
This course offers the study of numerous sports and sport activities from a biomechanical perspective. The course will concentrate on the application of the laws of motion to individual and team sports.

MSHS 676 Biomechanics of Sport Injury **(4-0-4)**
(Prerequisite: MSHS 670)
This course is designed to introduce students to the force-motion relationships within the musculoskeletal system and the various techniques used to understand these relationships. Topics include the biomechanics of major joints, tissues, and structures of the musculoskeletal system such as bone, cartilage, tendon, ligament, nerve and muscle. The student will utilize the concepts learned to investigate the injuries in specific sports.

MSHS 678 Biomechanics Instrumentation **(1-2-2)**
(Prerequisite: MSHS 672)
The study of laboratory utilization of the equipment, research techniques and test devices in measuring biomechanical parameters of human performance.

MSHS 680 Research Methods **(4-0-4)**
This course is designed to introduce students to the research process in exercise science, which includes problem solving, methods development, and ethical issues in research. Students will acquire the skills necessary to write the first three chapters of a thesis. An introduction to statistical concepts, selected statistical measures and computer skills are covered.

MSHS 682 Design and Analysis **(4-0-4)**
(Prerequisite: MSHS 680)
This course is designed to equip the graduate student with the skills needed to conduct research, analyze, and interpret experimental data in sport health science. Commonly used research methods and designs are discussed. Frequently employed descriptive, correlational, inferential (univariate and multivariate), and nonparametric statistical techniques are covered. Use of computer programs for each statistical technique is included.

MSHS 684-11 Sport Seminar: Manual Muscle Testing **(2-0-2)**
This course is designed to offer the student an integrated background into Manual Muscle Testing as it relates to evaluation of athletic injury.

MSHS 684-12 Sport Seminar: Taping and Bracing **(2-0-2)**
This course is designed to offer the student an integrated background into Taping and Bracing as it applies to the injury care program.

MSHS 684-13 Sport Seminar: Kinetic Chain Assessment **(1-2-2)**
This course offers the study of the integrated nature of the kinetic chain with respect to assessment of deviation from normal structure and function and the resulting potential for injury and impaired physical performance.

MSHS 684-14 Sport Seminar: Functional Rehabilitation of the Kinetic Chain **(1-2-2)**
This course offers the study of the application of rehabilitation techniques in an integrated fashion in the treatment of kinetic chain dysfunction that may adversely affect the potential for injury and impaired physical performance.

MSHS 684-15 Sport Seminar: Neuromechanics of Sport **(2-0-2)**
This course investigates and discusses the field of neuromechanics and its implications in human performance.

MSHS 686 Individual Study **(1-8 cr. hrs.)**
This course provides the student an opportunity to conduct a research project, write a scientific paper, and prepare teaching and resource manuals in a specific area of interest under the direction of a faculty member. A proposal MUST be completed prior to registration with the approval of the academic advisor.

MSHS 688 Current Topics in Sport Health Science **(4-0-4)**
This course examines various topics related to current science and issues regarding athletic performance, fitness and health.

MSHS 690 Practicum **(1-12 cr. hrs.)**
This course is a supervised practical experience on the campus of Life University and in the local community. A detailed proposal form must be completed one quarter prior to registration with the approval of the academic advisor and supervising professor.

MSHS 692 Internship (12-0-12)
This course is a supervised practical experience at a site of the student's choosing. A detailed proposal/contract must be completed one quarter prior to registration with the approval of the academic advisor and supervising professor.

MSHS 698 Thesis (12-0-12)
The formal publication of a research thesis is accomplished under the direct supervision of a graduate faculty member.

MSHS 699 Written Comprehensive Exam (0-0-0)
Each non-thesis candidate is required to take a written comprehensive examination as one component toward advancement to candidacy. To be eligible to take the examination, the student must file an application with the Sport Health Science Department that has been approved by the student's advisor and the department head of the program. Application for the comprehensive exams must be completed and filed with the SHS Department the quarter prior to completion of exam after the student has completed all core and required courses with a minimum cumulative GPA of 3.0 and all required application materials on file.