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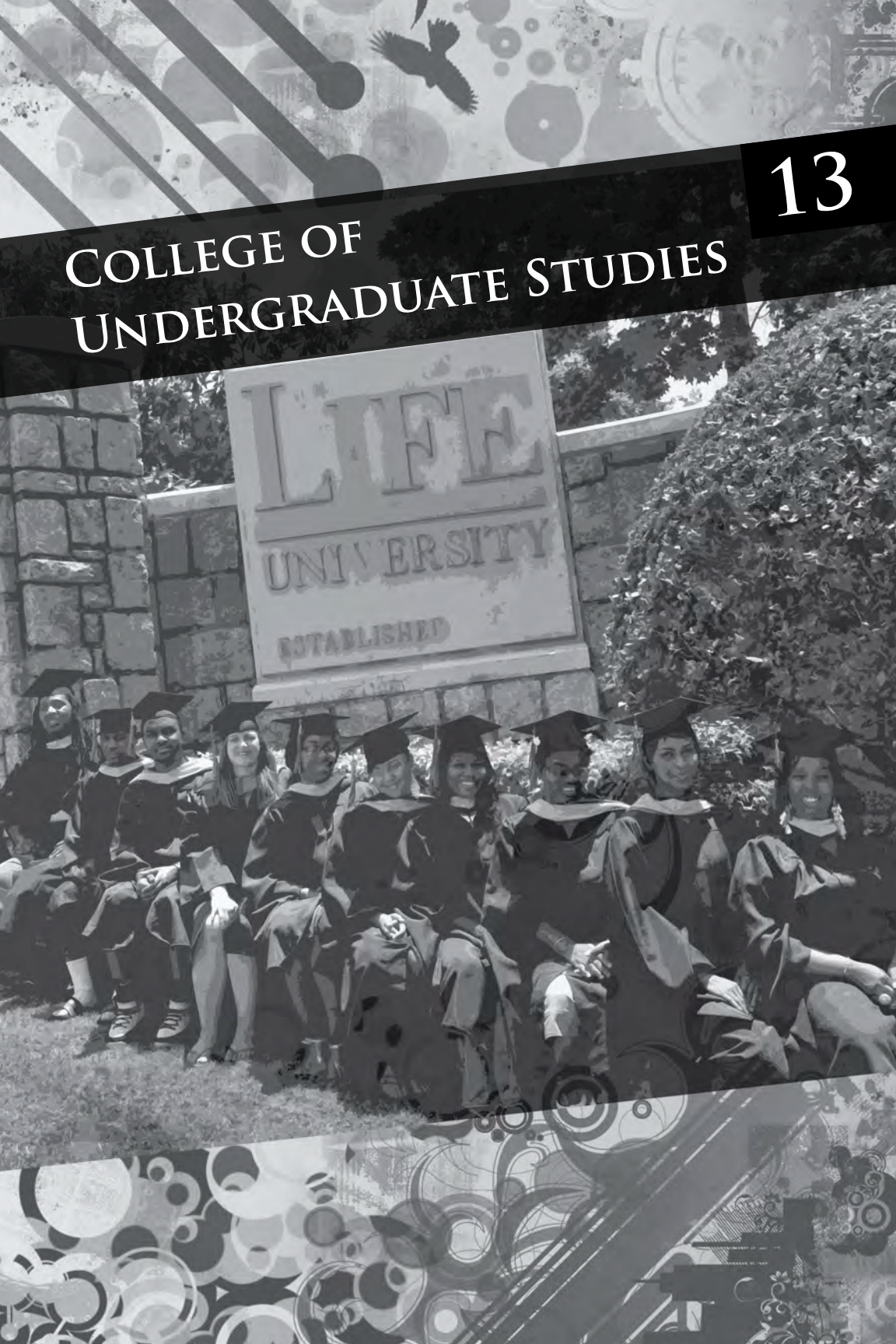
College of Undergraduate Studies



College of Undergraduate Studies 13

The College of Undergraduate Studies will provide a broad based educational experience for undergraduate students. The College offers various undergraduate Associate and Bachelors' degree programs from our Departments of Business, Exercise Science, General Education, Natural Sciences, Nutrition and Psychology. The College offers a pre-professional curriculum listing of coursework for students interested in future careers in the health professions, especially designed for those interested in pursuing a career in chiropractic. A Transitional Studies program is also offered for those requiring an additional educational foundation in order to enter a Baccalaureate program. The faculty and staff will promote an atmosphere in which open communication and free exchange of ideas can flourish in a tolerant and supportive environment.

Mission and Purpose

The College of Undergraduate Studies

The Mission of Life University's College of Undergraduate Studies is to equip students with the necessary knowledge, skills, and abilities to meet employment demands as well as provide a foundation for advanced studies and personal growth. Life University offers a vitalistic philosophy incorporated in the learning process with a focus on transformational leadership, incorporating the Eight Core Proficiencies and preparing students for an ever-changing society.

Goals:

A. Graduates of all programs will demonstrate knowledge and skills needed to pursue endeavors within their selected field.

B. Students will demonstrate that they have an interest in engaging in life long learning.

C. The Office of the Dean will enhance the learning experience of students.

D. The Office of the Dean will assure compliance with all required accrediting agencies.

E. Faculty will be provided opportunities for professional growth.

F. Dean's office will create an environment that nurtures critical thinking, intellectual curiosity, and academic integrity.

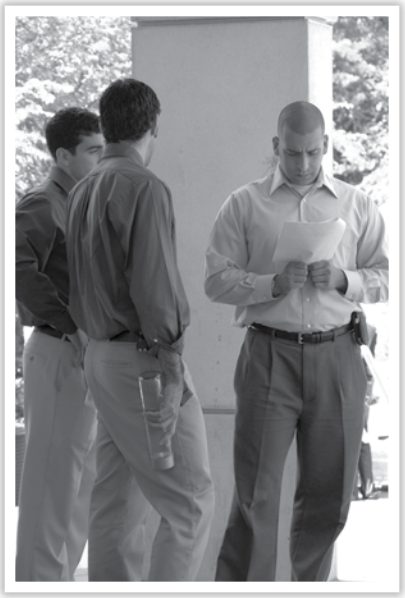
Career Information

Information about careers is presented under each specific degree program.

Application Procedures

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.

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 32)

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 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 good will 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 College of Undergraduate Studies (CUS):

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 College of Undergraduate Studies (CUS):

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, College of 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, College of 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 6 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 5 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 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 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 (C.L.E.P.) and Advanced Placement (A.P.)

A maximum of 35 total quarter hours may be earned toward a degree by C.L.E.P. and/or AP credit. A maximum of 10 quarter hours of coursework achieved by C.L.E.P. 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 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 C.L.E.P. 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 AP or C.L.E.P.

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. Director of Student Advocacy and Advisement and 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 portfolio 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 6 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 Nutrition, Biology, Exercise Science, Biopsychology, Psychology, or Business program in order to complete both programs 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 5 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 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, brief cases, knapsacks, radios, beepers, head 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% 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 is no less than 70% 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% of normal program length (6 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% (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 Cum 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 University Sport Health Science Institute (LUSSI)

Life University's vitalistic chiropractic orientation to optimizing personal physical performance is one of the most successful ways of achieving athletic success. The Life University Sport Health Science Institute (LUSSI) 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 CUM GPA and are considered when calculating both academic and financial aid SAP eligibility.*

Department of General Education

Mission Statement

The Department of General Education supports a core curriculum and pre-chiropractic curriculum that provide a breadth of knowledge for the education of our undergraduate students. Course work in the Department of General Education focuses on the humanities, social sciences, and mathematics. It 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. At the end of ENG 102, students will compose an acceptable essay using standard written English as defined by the Georgia University System Committee on

English (i.e. good organization, varied syntax, clear logic and standard spelling, punctuation and grammar). In Humanities Electives, students will demonstrate familiarity with authors, their works, and important artistic periods in the field.

2. In Mathematics, students will demonstrate the ability to use basic algebra, basic statistics, and read and analyze data in tables, graphs, and charts to solve problems, apply critical and creative thinking and skeptical inquiry.
3. Students will demonstrate a basic knowledge of historical issues or American Government and will have an enlarged understanding of the discipline's relevance to their lives. Students will demonstrate a basic knowledge of elective Social Science disciplines, describe how social scientific methods may be used to describe human behavior or social institutions, and will have an enlarged understanding of the discipline's relevance to their lives.

Core Curriculum

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, Business, Natural Sciences, and Nutrition. 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. It is designed to provide students with a general education that cuts across strict specialization in order to promote the development of well-rounded individuals who can read, write, and speak analytically and with insight.

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.

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 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 and Citizenship
2. Leadership and Entrepreneurship
3. Learning Theory/Critical Thinking
4. Contemporary Scientific Paradigms
5. Phil. of Human Existence & Health Care Policy
6. Communication and Relationship Theory/Skills
7. Belief Systems and Performance
8. Integrative Change

First Year Experience Course Series

Effective Fall Quarter, 2009, for all new students entering the College of Undergraduate Studies, and are seeking any undergraduate degree 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*

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 l01	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.
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

Life University at Life Chiropractic College West

Life University has a collaborative agreement with Life Chiropractic College West to offer science courses for prospective pre-chiropractic students in the Hayward, California area. The curriculum includes the following courses: General Biology, General Chemistry, Physics, and Organic Chemistry.

Life University Main Campus

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 "C" 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.
HUM	101	Music Appreciation		3 cr.
HUM	201	Introduction to Philosophy	ENG 101	5 cr.
HUM	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

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.
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.

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 5 hours of Literature and 5 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 5 hours of History and 5 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.

Prerequisites for such courses include:

1) Biology – CHM 112
2) Biopsychology – PSY 101, CHM 112, PHS 111
3) Business – BSN 101, MAT 102, MGT 301
4) Exercise Science – CHM 112, BIO 201, BIO 203, SHS 300
5) Nutrition – CHM 112, NTR 209, NTR 300, NTR 301
6) Psychology – PSY 101
7) Relevant prerequisites from other programs not listed here.

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)

A.	Courses chosen from first academic discipline.	**20 quarter hours**
B.	Courses chosen from a second discipline different from A (& C)	**20 quarter hours**
C.	Courses chosen from a third discipline different from A & B.	**20 quarter hours**

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.

Certificate in Coaching Psychology

"Coaching Psychology is for enhancing well-being and performance in personal life and work domains with normal, non-clinical populations, underpinned by models of coaching grounded in established adult learning or psychological approaches (Palmer, 2003)."

The Coaching Psychology Certificate Program at Life University stresses an integrative, holistic, and evidence-based model to optimizing personal and professional growth in the normal functioning individual. Students are educated concerning 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 will gain an understanding of coaching core competencies and the ability to apply them appropriately in different contexts. Ultimately, the goal of the program is to produce individuals that have high quality applied coaching skills that can be utilized in a diverse number of settings such as personal realms, health related fields (e.g., nutrition, exercise physiology, Chiropractic) business management, human resources, sports, or counseling.

The program is designed to enable undergraduate and graduate level, non-degree students, and residents of the community to obtain the certificate in four quarters of course work. To meet the requirements of the foundational and skilled-based core competency, students are required to complete 63 quarter hours of undergraduate level course work, a practicum experience, and a comprehensive examination which includes a three hour written section as well 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 coaching psychology certificate curriculum is consistent with the guidelines established by the International Coaching Federation (ICF).

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 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	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

The Associate of Science Degree in Coaching Psychology Program at Life University stresses an integrative, holistic, and evidence-based model to optimizing personal and professional growth in the normal functioning individual. Students are educated concerning 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 will gain an understanding of coaching core competencies and the ability to apply them appropriately in different contexts. Ultimately, the goal of the program is to produce individuals that have high quality applied coaching skills that can be utilized in a diverse number of settings such as personal realms, health related fields (e.g., nutrition, exercise physiology, Chiropractic) business management, human resources, sports, or counseling.

The program, which includes elements of a core four (4) year curriculum, is designed to enable undergraduate students to obtain foundational and skilled-based core competencies, while required to complete 98 quarter hours of undergraduate level course work. This coursework 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 coaching psychology certificate curriculum is consistent with the guidelines established by the International Coaching Federation (ICF).

Associate of Science in Coaching Psychology Curriculum

Degree Requirements

Students receiving an Associate of Science in Coaching Psychology degree must complete a minimum total of 98 cr. hr. of instruction.

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 Bachelor of Science in Psychology at Life University is designed to introduce students to the study of mental and behavioral processes from a holistic and integrative perspective. Importance will be placed 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. To this end, students will be

required to take a "wide spectrum" of foundation and application-oriented courses in psychology as well as complete an internship or a research project.

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.

The educational goals of the 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 well-being; 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 PSY 312 - Advanced Life Coaching, PSY 367 - Legal Issues and Ethics in Coaching and PSY 497 - Coaching Practicum.

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	41 Credit Hours
Area VI:	Psychology Electives	20 Credit Hours
Area VII:	Free Electives	17 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.

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 l01	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 previously)

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 l01	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 — 41 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	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 — 15 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)

The Biopsychology program educates students concerning the link between mind and body. It is an interdisciplinary program that examines the bases of behavior, emotion, cognition, and health from a "vitalistic," integrated perspective utilizing biology, chemistry, and psychology. Biopsychologists are interested in questions such as: What biopsychological factors underpin the way we feel, think, and behave? How do biopsychological systems interact to influence health and well-being? What biopsychological aspects operate to influence drug use and abuse, sleep patterns, motivation, and individual differences? This degree prepares students for graduate study in many allied health area such as chiropractic, medical, nursing, dental, and podiatry as well as psychology and 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 well being; 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 l01	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 l01	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

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**

Additional Completion Requirements

1. Completion of at least 188 credits of prescribed study, of which the last year must be in residence at Life University, with at least 47 hours of major 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. A recommendation for graduation and completion of an exit interview with the Sport Health Science Department 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 l01	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 l01	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

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			
CHM 112	General Chemistry II	CHM 111	5 cr.
CHM 211	Organic Chemistry I	CHM 112	5 cr.
CHM 212	Organic Chemistry II	CHM 212	5 cr.
PHS 111	General Physics I	MAT 101	5 cr.

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, CHM 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 1-VII.

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

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.
ENG 121	Public Speaking		3 cr.

B. Communications or Humanities Electives
(8 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	ENG 101	5 cr.
(recommended)			
ENG	201 Survey of American Literature	ENG 101	5 cr.
ENG	202 Survey of British Literature	ENG l01	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 CPR		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***	SHS 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*

**** We already have a commitment from the East Cobb YMCA on Piedmont Ave to work with our students.*

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

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 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 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 Business

Mission

The mission for the Department of Business is to provide quality education in business and computer information management to a

diverse student population and to enable these students to be able to succeed in a variety of business and technical organizations.

Goals

1. Business majors will demonstrate basic knowledge of the core business disciplines of economics, accounting, business ethics, business mathematics, management, and marketing.
2. Computer Management majors will demonstrate basic knowledge of the core computer disciplines of application software, databases, data communications, management information systems, programming systems analysis, and web development.
3. Business and Computer Management majors will demonstrate the ability to communicate effectively both orally and in writing.
4. Business and Computer Management majors will be experienced in the use of computers and application software for tasks related to their field.
5. Business and Computer Management majors will be prepared to meet the entry-level requirements of graduate school for advanced study.

Objectives:

In general, the Business Department will:

1. Provide qualified faculty and relevant curriculum for a comprehensive education in business administration, as well as provide skill sets for more specialized areas.
2. Provide opportunities for students to apply business principles and practices, using a combination of classroom lectures, real-world applications, interactive learning, experiential learning case studies, and field trips.
3. Equip students with a strong foundation in the areas of entrepreneurship, social responsibility, and business ethics applicable to for-profit and non-profit organizations.
4. Provide a curriculum that further enables students to develop proficiency in written and oral communications, computer literacy, and business research.
5. Provide students with a conceptual grasp of both the American and global business environments.

In personal terms, the Bachelor of Science and Associate of Science students will:

1. Be able to apply knowledge and understanding of business and economic functions in the areas of employment, entrepreneurial opportunities, wages, profits, project management, and health care management.
2. Develop a more complete knowledge and understanding of business management principles and time management for personal and career success.

3. Develop the knowledge and understanding necessary to become business and community leaders.

Degrees Offered:

- Associate of Science in Computer Information Management
- Bachelor of Science in Computer Information Management
- Bachelor of Business Administration (BBA)

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. 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: 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.
PSY 101*	General Psychology		5 cr.

**Required*

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 l01	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 l01	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 4511	5 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 l01	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 l01	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 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 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 Undergraduate & Graduate Studies (CUS), 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 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 ten-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 gradate 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 l01	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 l01	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 Biology	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 BS Degree in Nutrition or Dietetics must meet all academic and clinical course requirements. To matriculate, students seeking a BS 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 health care 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
- Masters 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 Bachelors 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 8 credits toward seminar and will still need to attend 4 more regularly scheduled sessions during the quarter and give a presentation. Regularly scheduled sessions will be offered 3 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% 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 # 1

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

Success Criteria to Assess Goal # 1:

Goal #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 # 2

1. Graduates of the BS 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 # 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 # 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 # 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 l01	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 l01	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 #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 #1

Goal #1 is assessed by monitoring the:

1. percentage of graduates who enter the DP Program and complete the program within 4 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 6 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 6 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 #2

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

Success Criterion to Assess Goal #2

Goal #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 #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 #3

Goal # 3 is assessed by monitoring the:

1. percentage of DP graduates who obtain a position in the field of dietetics within 6 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 #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 #4

Goal # 4 is assessed by monitoring the:

1. percentage of graduates who apply to advanced degrees within 3 years of graduation.
2. percentage of graduates who keep current with their registration and licensing within 3 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 (a):	Major Program Requirements	33 Credit Hours
Area V (b):	Major Program Requirements	10 Credit Hours
Area VI (a):	Nutrition Courses	32 Credit Hours
Area VI (b):	Any 6 cr. hrs. Nutrition Courses Not Taken	6 Credit Hours
Area VII:	Free Electives	0 Credit Hours
	Total	**129 Credit Hours**
Total Bachelor of Science Requirements		**193 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% 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 l01	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 (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	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 V (b) MAJOR PROGRAM REQUIREMENTS 10 Credit Hours

Courses		Course Name	Prerequisites	Credits
BIO	203	Anatomy & Physiology II	BIO 201	5 cr.
MSC	201	Introduction to Statistics	MAT 101 or Higher	5 cr.

Area VI: OTHER NUTRITION REQUIREMENTS 32 Credit Hours

(A) The following 26 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.

(B) Any 6 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.

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% 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 (1640 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 sixteen 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 #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 # 1:

Goal #1 is assessed by monitoring the:

1. percentage of interns who enter the program and complete the program within 150% 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 #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 # 2:

Goal #2 is assessed by monitoring the:

1. percentage of IP graduates who obtain a position in the field of dietetics within 6 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 #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 # 3:

Goal #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 #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 # 4:

Goal #4 is assessed by monitoring the:

1. percentage of IP graduates who apply to advanced degrees within 3 years of graduation.
2. percentage of IP graduates who keep current with their registration and licensing within 3 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 to 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% 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 2 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 BS Degree Completed).

*If any applicants have graduated more than 3 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. 2 copies of all official final transcripts (if you have not completed the BS Degree at the time of sending in the application, you must bring 2 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 9 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 3 consecutive quarters of study.** There is ONLY 1 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 US 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 US 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 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 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% 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% 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% 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% 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% 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 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 5 days a week for 8 hours per day, which totals 280 hours. (7 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 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)

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, and 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)**
(Prerequisite: BIO 111 & 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)**
Prerequisites: 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)**
Prerequisites: 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)**
Prerequisites: 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)**
(Prerequisite: ENG 101 & 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)**
(Prerequisite: BIO 201 & 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)**
Prerequisites: 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
(Prerequisite: BIO 302, 1501, 1507) ***(2-0-2)***
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)**
Prerequisite: BIO 335 & CHM 315)
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, 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)**
Prerequisite: 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)**
Prerequisites: 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)**
(Prerequisite: 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)**
(Prerequisite: 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)**
(Prerequisite: 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)**
(Prerequisite: 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)**
(Prerequisite: 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 torts, contracts, government regulation of business, and the legal system. 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; 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 skill including the word processing, database, and spreadsheet applications used at Life University. The student will be introduced to the Internet support at Life and be taught how to use it, in support of university scholarly endeavors.

CIM 201 Programming I—Visual Basic **(5-0-5)**
(Prerequisite: CIM 101)
This course in Introduction to programming introduces the students to the fundamentals of programming. Students will learn about QBASIC and the COBOL programming language. They will develop an understanding of the capability needed to solve business systems problems through using these programming languages. The students will write programs in both languages.

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 QBASIC 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; 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. Different JCL structures will be taught.

CIM 301 Java Programming **(5-0-5)**
(Prerequisite: 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)**
(Prerequisite: CIM 201 or CIM 301)
This course is a general introduction to the "C#" programming language. We will cover all the basic syntax. We will cover how to compile, run and build applications. We will discuss the advantages and disadvantages of the C# programming language. We 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)**
(Prerequisite: 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 Information Systems Management (ISM) is concerned with the science and practice of using and, to some extent, the development of ISM systems to be used in industry and business. ISM will be explored as it is used in decision support systems and business data tracking systems.

CIM 310 Data Communication and Networking **(5-0-5)**
(Prerequisite: CIM 101; MAT 101
The student will be provided an overview of Data Communications and Networks used in the business information technology industry. Networks used by

government, industry, and the Internet will be covered. This dynamic class will reflect the quickly changing use of industry networks. An overview of local area networks, their topologies and protocols will be taught. When appropriate there will be field trips to data communications facilities and possibly some hands on activity. This course prepares the student for the business systems analysis course.

CIM 320 Health Information Management **(5-0-5)**
(Prerequisites: 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 historical database architectures. The relation database model will be used in instructor-guided hands on class exercises and activities. We will cover a broad understanding of data storage and retrieval software and hardware. The main emphasis is on using databases to solve business problems. The MYSQL relational database is used in database design projects. The students can copy this open source software for personal educational use on their own home systems.

CIM 350 Multi-Media Business for Individual & Business Performance **(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. Either a small business or an on-campus office will be interviewed by students to determine their needs, and a presentation will be developed.

CIM 355 Web Design & Programming **(5-0-5)**
(Prerequisite: CIM 101)
A hands-on course in the development of business level web page presentations. Students design and author web presentations based on client needs. Either a small business or an on-campus office will be interviewed by students to determine their needs and a presentation will be developed. This course will survey the latest activities in the fast moving and changing WEB market place.

CIM 370 Software Project Management **(5-0-5)**
(Prerequisite: MAT 101; CIM 201)
This course teaches proven planning procedures, leading toward the successful management of a software programming 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, man-power 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)**
(Prerequisites: 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)**
(Prerequisites: CIM 305)
A project-based introduction to the principles of business information systems design, including the basic methods and procedures involved in planning and controlling the development and modification of a computer-based information system in an organization.

CIM 441-445 CIM Internship **(1 to 5*)**
(Prerequisite: 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, ten hours worked equals four credits, twelve hours worked equals five credits.) Up to 15 credits may be taken in this category.

CIM 450 Senior CIM Project I **(5-0-5)**
(Prerequisite: 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 aggressive student an additional chance

to demonstrate their ability to integrate the CIM course curriculum and apply it to solving a real computer related system problem/task.

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, 9-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 20l Principles of Microeconomics **(5-0-5)**
(Prerequisite: 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)**
(Prerequisite: 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)**
(Prerequisite: TSE 099, TOEFL or placement test)
This course will emphasize principles of good writing with attention to grammar, sentence construction, punctuation, diction, mechanics, and the major forms of discourse. Compositions, parallel readings, and a short, documented essay are required. Grade of 'C' or better required to pass. This course also is offered with a "English-as-a-second-language" section.

ENG 102 English Composition II **(5-0-5)**
(Prerequisite: ENG 101)
This course is a continuation of ENG 101. It is primarily a writing course, but grammar and mechanics will be reviewed as needed. Students will write essays based upon readings from an anthology of short stories, poetry, and drama. In addition, students will write a research paper. Grade of 'C' or better required to pass. This course also is offered with a "English-as-a-second-language" section.

ENG 110 Fiction Writing **(2-0-2)**
(Prerequisite: ENG 101)
This course is a workshop on fiction writing, including a review of story elements and narrative techniques. Students will submit several 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 short poems 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 class and participate with in-class readings.

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 l9th 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 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 (e.g. global warming, population growth, conservation, 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)**
This course will focus on new developments in world cinema during the period 1960-1990.

FLM 103 Contemporary Cinema **(3-0-3)**
This course is a survey of filmmakers and films of the last twenty (20) years. Emphasis will be placed on recent movements, independent productions and regions with rapidly developing film 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)**
Prerequisites: 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 8 core proficiencies.

FYE 103 First Year Experience **(0-0-0)**
Prerequisites 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 8 core proficiencies. 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 health care 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, health care 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 US to reimburse healthcare providers as well as the numerous health care 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 US 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 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.

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)**
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.

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)**
(Prerequisites: 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)**
(Prerequisites: 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, & 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*)**
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)**
(Prerequisites: 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, 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)**
(Prerequisites: 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
(Prerequisites: 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
(Prerequisites: 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. This class will provide the elements of combining prefixes, roots, and suffixes into the health care vocabulary necessary for a health care provider. Medical terms used in the diagnosis and treatment of diseases will also be discussed.

NTR 300 Fundamentals of Nutrition **(4–0–4)**
(Prerequisite: BIO 201 & 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)**
(Prerequisite: CIM 101 & 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)**
(Prerequisite: NTR 209 & 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, health care 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)**

(Prerequisite: NTR 300 & 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)**

(Prerequisite: NTR 300, CIM 101 & 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)**

(Prerequisite: NTR 303 & 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)**

(Prerequisite: 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 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, 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)**
(Prerequisite: NTR 306 & 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)**
(Prerequisite: NTR 306 & 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)**
(Prerequisite: NTR 306 & 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)**
(Prerequisite: NTR 401 & 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)**
(Prerequisite: NTR 401 & 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)**
(Prerequisite: NTR 311 & 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)**
(Prerequisite: NTR 305, NTR 307 & 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)**
(Prerequisite: NTR 411 & 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)**
(Prerequisite: NTR 305 & 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 & NTR 309)
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)**
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)**
(Prerequisite: NTR 209 & 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 well being. 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)**
(Prerequisite: NTR 309 & 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. Student has 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.)**
(Prerequisite: NTR 306 & 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.)**
(Prerequisite: NTR 470 & 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.)**
(Prerequisite: NTR 471 & 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.)**
(Prerequisite: NTR 472 & 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.

NTR 517 Basic Nutrition **(5-0-5)**
(Prerequisite: CHM 316)
An overview of carbohydrates, lipids, proteins, vitamins, and minerals is presented in detail in this course. Practical aspects of planning and consuming a healthy diet are emphasized. Additional topics include weight management, eating disorders, sports nutrition, and changing nutrition needs throughout the life cycle. Non-nutrient dietary components, such as phytochemicals and fiber, are also discussed.

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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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 basic of experimentation, and report writing.

PSY 255 Positive Psychology **(5-0-5)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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 & 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 e.g., 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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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 & 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, 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, 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.)**
(Prerequisites: 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.)**
(Prerequisites: 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.)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisites: 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)**
(Prerequisite: 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 **(44-2-5)**
(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 & 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
(Prerequisite: SHS 300) (5-0-5)
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
(Prerequisite: 406) ***(5-0-5)***
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)**
(Prerequisite: 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)**
Prerequisite: 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)**
(Prerequisite: 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 & 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)**
(Prerequisite: 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)**
(Prerequisite: 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)**
(Prerequisite: 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)**
(Prerequisite: 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)**
(Prerequisite: 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)**
(Prerequisite: Senior Standing and faculty approval)
This course presents the student with supervised practical experience at a site of the students choosing. 30 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.