ADDENDUM NO. 8

TO

2012-2013
KEISER UNIVERSITY CATALOG
VOLUME 12, NO. 1

Effective March 12, 2013

KEISER UNIVERSITY
CATALOG ADDENDUM

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Keiser University continually reviews, improves and updates its programs, courses and curricula. It is incumbent on the University to reflect these revisions in its publications. The following *Addendum No. 8* represents additions, changes and deletions to the *2012-2013 Keiser University Catalog*, August 2012 Edition, Volume 12, No. 1, and is effective March 12, 2013.

PAGE 16, ACCREDITATION – HEALTH INFORMATION MANAGEMENT PROGRAM

Replace the fifth bullet with the following:

- The Associate Degree Health Information Management program at Keiser University, Fort Lauderdale campus, is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM), http://cahiim.org.

Insert the following new bulleted statement beneath the above statement:

- The Health Information Management (HIM), Bachelor of Science degree program at Keiser University, Fort Lauderdale campus, is in Candidacy Status, pending accreditation review by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM), 233 N. Michigan Avenue, 21st Floor, Chicago, IL 60601-5800. The accreditation process may take up to two years, however completion of the accreditation process does not necessarily mean that the Health Information Management program will be granted accreditation status. If the program attains CAHIIM accreditation status prior to graduation, graduates of the Bachelor of Science degree in Health Information Management will be eligible to sit for the Registered Health Information Administrator (RHIA) certification exam immediately.

PAGE 17, ACCREDITATION – NURSING AND OCCUPATIONAL THERAPY PROGRAMS

Replace the second and third bullets with the following:

- Keiser University's Associate Degree Nursing program, Ft. Lauderdale, Jacksonville, Miami, Lakeland, Melbourne, Orlando, Sarasota, Tallahassee, Tampa, West Palm Beach and Port St. Lucie campuses, have approval by the Florida Board of Nursing, 4052 Bald Cypress Way, BIN C02, Tallahassee, Florida 32399-3252, (850) 245-4125, **MQANursing@doh.state.fl.us**.
- Keiser University's Associate Degree Nursing program, Jacksonville, Ft. Lauderdale, Miami, Lakeland, Melbourne, Orlando, Sarasota, Tallahassee, West Palm Beach and Tampa campuses, is accredited by the National League for Nursing Accrediting Commission, 3343 Peachtree Road NE, Suite 850, Atlanta, Georgia 30326, 1-866-747-9965 (toll free #), **www.nlnac.org**.

Replace the fifth bullet, for the AS Occupational Therapy program, with the following:

- Keiser University's Occupational Therapy Assistant program, Ft. Lauderdale, Miami, Melbourne, Orlando, Pembroke Pines, Jacksonville, Daytona, Tallahassee, Tampa and West Palm Beach campuses, are fully accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA). The Fort Myers campus has been granted "developing program status" during the year 2012-2013. ACOTE can be reached at the Accreditation Council for Occupational Therapy Education, American Occupational Therapy Association, 4720 Montgomery Lane, Suite 200, Bethesda, Maryland 20814-3449. Office phone: (301) 652-AOTA, www.acoteonline.org.

PAGE 17, ACCREDITATION – PHYSICAL THERAPIST ASSISTANT PROGRAM

Insert the following new bulleted statement above the Physician Assistant accreditation statement:

- Graduation from a physical therapist assistant education program accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, Virginia, 22314; phone: 703-706-3245; accreditation@apta.org is necessary for eligibility to sit for the licensure examination which is required in all states.

Keiser University, West Palm Beach is seeking accreditation of a new physical therapist assistant education program from CAPTE. The program will submit an Application for Candidacy, which is the formal application required in the pre-accreditation stage. Submission of this document does not assure that the program will be granted Candidate for Accreditation status. Achievement of Candidate for Accreditation status is required prior to implementation of the technical phase of the program: therefore no students may be enrolled in technical courses until Candidate for Accreditation has been achieved. Further, though achievement of Candidate for Accreditation Status signifies satisfactory progress toward accreditation, it does not assure that the program will be granted accreditation.

PAGE 19, MEMBERSHIPS AND APPROVALS

Add the following to the list of association memberships:

- Independent Colleges and Universities of Florida
- National Association of Veteran's Program Administrators (NAVPA)
- Servicemembers Opportunity College (SOC) Consortium

PAGE 30, GENERAL ADMISSIONS REQUIREMENTS

Replace this section with the following:

Applicants desiring to enter Keiser University must contact the Admissions Office to obtain an application. Applications should be submitted well in advance of entry date. This permits proper scheduling and assures availability of classroom space. Applications for Winter, Spring or Fall semesters should be made as early as possible, as these entry dates are normally the time of greatest enrollment. Applicants are encouraged to visit the University in person. The Admissions Office is open Monday through Thursday from 9:00 a.m. to 8:00 p.m. and on Fridays from 9:00 a.m. to 5:00 p.m. (with other times by appointment). To be considered for enrollment at Keiser University, all applicants must supply:

- Verification of high school graduation (transcript, diploma, etc.)

or

- Verification of GED completion (GED scores or GED diploma)

or

- Proof of graduation from a foreign institution comparable to a United States secondary school

Applicants will not be required to provide proof of high school graduation when they provide the following:

- Verification (official transcript) of an earned degree from an accredited institution recognized by the United States Secretary of Education,
- An evaluation of an official transcript by an approved educational evaluator service attesting that the degree is equivalent to a degree earned at a regionally accredited institution of higher education in the United States.

Home-schooled applicants who have a high school diploma are considered for admission.

An applicant must make arrangements to take Keiser University's entrance examination (administered at the University) or provide results of his/her Scholastic Aptitude Test (SAT), American College Testing examination (ACT), or Armed Services Vocational Aptitude Battery examination (ASVAB).

University requirements for admission are a combined score of 1230 on the SAT (or 830 on the previously used SAT examination), a composite score of 17 on the ACT, a score of 50 on the ASVAB, or successful passing score on the University entrance examination.

Candidates seeking general admission to the University are not required to take the general admission test upon providing written proof of an associate or higher degree earned from an accredited college. Candidates providing proof of an associate or higher degree with a cumulative grade point average of 3.0 or higher from an accredited college seeking entry into the University's allied health programs are exempt from taking the general admissions test. Candidates must meet all other general and allied health program-specific admission requirements.

Nursing program candidates are not required to take the University's admissions test, however must pass the TEAS test as part of the acceptance criteria.

Keiser University reserves the right to accept up to 10% of applicants who do not meet appropriate entrance test scores but who request admission based on other criteria. An appeal letter and accompanying documentation is reviewed by the Dean of Academic Affairs and the Campus President. If the appeal is approved, a waiver letter is placed in the applicant's academic file.

The University reserves the right to deny admission to any prospective student that in their judgment poses an undue risk to the safety or security of the University and the University community. This judgment will be based on individual determination taking into account any information the University has about a prospective student's criminal record including the presence of secondary school students on the campus.

Additionally, the University reserves the right to evaluate the individual circumstances regarding registered sex offenders, and in certain cases refuse admission to the University. When a prospective student receives a registered sex offender designation, the University reserves the right to place the admissions process on hold, contingent upon the review and approval from a designated acceptance committee.

PAGE 31-32, ADMISSIONS – INTERNATIONAL STUDENTS

Replace this section with the following:

INTERNATIONAL STUDENTS

Keiser University is proud of the international character of its student body and welcomes students from other nations. All international students must be fluent in English before they enroll. Applicants are asked to furnish proof that they can read, write and speak English fluently. The University accepts only F-1 visas based upon a student's program of study. International student applicants must meet the following requirements for admission to Keiser University:

Successful completion of a secondary school program that is equivalent to high school in the United States. (Official records must be evaluated by an approved educational evaluator service attesting that completion is equivalent to secondary school completed in the United States.)

Certification of financial ability to meet tuition and other necessary expenses or ability to qualify for financial aid as an eligible non-citizen.

If an applicant's primary language is not English, the applicant must present a TOEFL® score of 500 or higher on a paper-based examination, a score of 173 on a computer-based examination, an internet-based score (iBT) of 61, or an IELTS™ score of 6.0 or higher.

PAGE 32, ADMISSIONS – ENGLISH PROFICIENCY REQUIREMENTS

Replace this section with the following:

International applicants whose native language is not English are required to submit the results of a test of English proficiency to the Office of International Studies. Students who are exempt from submitting a test of English proficiency are those from Canada (excluding Quebec), Bermuda, the Bahamas, the United Kingdom, Ireland, Australia and New Zealand.

Applicants who have previously attended a high school, college or university in the United States for more than two years and have earned passing grades in English courses may be exempt from an English proficiency exam.

The following exams are accepted as proof of proficiency in English:

TOEFL®	
Paper-based:	500 or higher
Computer-based:	173 or higher
Internet-based (iBT):	61 or higher
IELTS™	6.0 or higher

PAGE 32, HIGH SCHOOL STUDENT ADMISSIONS POLICY

Insert the following BEFORE the heading, "Undergraduate Transfer of Credit Policy":

HIGH SCHOOL STUDENTS

High School students with verified enrollment at the twelfth grade level of an approved high school may apply to Keiser University for acceptance provided that all other applicable entrance requirements are met. Acceptance will enable the student to

be enrolled at the university; however, coursework may not be initiated until such time as verification of high school graduation is provided (See General Admissions Requirements in the Keiser University Catalog). Thereupon such conditional status shall be removed.
Effective: 12/13/2012

PAGE 32, MILITARY ACADEMIC RESIDENCY EXEMPTION

Replace the last paragraph, under "Undergraduate Transfer of Credit Policy" with the following:

Keiser University requires that, at a minimum, a student complete the final 25% of a program through the University. Active duty, reservists, and National Guard service members who are students can complete at a minimum 25% of a program at any time through the University and graduate.

Transfer students are informed in writing of any credits accepted as transferable. Preliminary notification is presented, in most cases, prior to enrollment but in no case later than the end of a transfer student's first semester. Students are responsible for having official transcripts sent to Keiser University from their former institution(s).

PAGE 35, AICE, AP, IB AND CLEP CREDITS

Insert the following BEFORE the entry for the CLEP policy:

Credit by Examination

There are several credit-by-examination programs that earn credit toward a Keiser University degree. The following guidelines apply:

- A maximum of 45 semester hours may be granted by combining AICE, AP, IB and CLEP credit.
- Students must have taken the exams (AICE, AP, IB, CLEP) and reported their scores to the university before the end of the first term of enrollment at Keiser University.
- Credit will only be awarded once for the same subject, whether the credit is earned by examination, dual enrollment, transfer credit or Keiser University course credit.
- If duplicate credit exists among AICE, AP, IB or CLEP, the exam yielding the most credit will be awarded.

Advanced International Certificate of Education (AICE)

Students completing approved AICE examinations with scores of A, B, C, D or E on both A and AS levels will earn Keiser University credit.

The official AICE transcript is required in order to award credit. The credit will be awarded as follows:

AICE Exam Title	Keiser University Course Equivalencies	Keiser University Credit Awarded
Accounting A Level	ACG1001 and ACG2011	6
Accounting AS Level	ACG1001	3
Biology A Level	BSC1010/1010L and BSC1011/1011L	8
Biology AS Level	BSC1010/1010L	4
Business A Level	GEB1112 and MAN1021	6
Business AS Level	GEB1112	3
Chemistry A Level	CHM1045/1045L and CHM1046/1046L	8
Chemistry AS Level	CHM1045/1045L	4
Computing A or AS Level	CGS1000C	3
Economics A Level	ECO1023 and ECO2023	6
Economics AS Level	ECO1023	3
English Language A Level	ENC1101 and ENC2102	6
English Language AS Level	ENC1101	3

English Literature A Level	AML1000 and ENL1000 or CWL1000	6
English Literature AS Level	ENL1000	3
Environmental Science A or AS Level	BSC1050	3
History A Level	AMH1010 and AMH1020 or WOH1001	6
History AS Level	AMH1010 or AMH1020 or WOH1001	3
Marine Science A or AS Level	OCB1010	3
Mathematics A Level	MAT1033 and MAC2105 or MGF2106	6
Mathematics AS Level	MAT1033	3
Music A or AS Level	MUH2011	3
Physics A Level	PHY2001/2001L and PHY2049/2022L	8
Physics AS Level	PHY2001/2001L	4
Psychology A Level	PSY1012 and DEP2004	6
Psychology AS Level	PSY1012	3
Sociology A or AS Level	SYG1000	3
Statistics A or AS Level	STA2023	3
Thinking Skills A or AS Level	PHI1010	3

PAGE 36, ADVANCED PLACEMENT POLICY

Replace this section with the following verbiage and tables:

Keiser University participates in the Advanced Placement Program agreement administered by high schools through the College Entrance Examination Board (CEEB). Under this system, a student entering Keiser University may receive placement in advanced courses and accelerate their studies. Students who have participated in the AP Program in high school and received a score of 3 or better on qualifying AP examinations are eligible to receive college credit for related courses. In order to be eligible to receive credit, students must submit an official Advanced Placement score report from the College Entrance Examination Board.

Students who wish to receive credit for College Entrance Examination Board AP examinations are responsible for having their AP score reports mailed to the University by the College Board, and are responsible for ordering and paying any fees associated with AP score reports. Reports must be received by Keiser University directly from the College Entrance Examination Board.

The College Entrance Examination Board AP Automated Score Reporting Services are available 24 hours a day, seven days a week at the following numbers:

1-888-308-0013 (toll free in the United States, U.S. territories, and Canada)

1-609-771-7366 (outside of the United States, U.S. territories, and Canada)

Advanced Placement tests, equivalent Keiser University courses, and qualifying scores are shown below.

College Board AP Test	AP Test Score	KU Course Equivalent		Credits Earned
		Course Number	Course Name	
Arts				
Music				
Music Theory	3 or higher	MUH2011	Music Appreciation	3
English				
English Language & Composition	3 or 4	ENC1101*	English Composition I	3
English Language & Composition	5	ENC1101*, ENC2102*	English Composition I, English Composition II	6
English Literature & Composition	3 or higher	AML1000*	American Literature	3
	OR			
	3 or higher	ENL1000*	English Literature	3
Foreign Languages				
Chinese				

Chinese Language	3	CHL1101	Chinese Composition I	3
Spanish				
Spanish Language	3 or higher	SPN1210	Conversational Spanish	3
Mathematics & Computer Science				
Calculus				
Calculus AB	3 or higher	MAT2311	Calculus	4
Calculus BC	3 or higher	MAT2311	Calculus	4
Computer Science				
Computer Science A	3 or higher	COP2360C	C# (Sharp) Programming I	4
Statistics				
Statistics	3 or higher	STA2023	Statistics	3
Sciences				
Biology				
Biology	3	BSC1010, BSC1010L	General Biology & Laboratory	4
Biology	4 or higher	BSC1010, BSC1010L, BSC1011, BSC1011L	General Biology & Laboratory, Advanced Biology & Laboratory	8
OR				
Biology	3	BSC2010, BSC2010L	Biology I & Laboratory	4
Biology	4 or higher	BSC2010, BSC2010L, BSC2011, BSC2011L	Biology I & Laboratory, Biology II & Laboratory	8
Chemistry				
Chemistry	3	CHM2045, CHM2045L	General Chemistry & Laboratory	4
Chemistry	4 or higher	CHM2045, CHM2045L, CHM2046, CHM2046L	General Chemistry & Laboratory, Advanced Chemistry & Laboratory	8
College Board AP Test	**AP Test Score**	**KU Course Equivalent**		**Credits Earned**
		Course Number	**Course Name**	
Geology/Geography				
Environmental Science	3 or higher	BSC1050	Environmental Science	3
Physics				
Physics B *(general principles of physics)*	3	PHY2001, PHY2001L	General Physics I & Laboratory	4
	OR			
	3	PHY2053, PHY2053L	Physics I & Laboratory	4

Physics B *(general principles of physics)*	4 or higher	PHY2001, PHY2001L, PHY2002, PHY2002L	General Physics I & Laboratory, General Physics II & Laboratory	8
	OR			
	4 or higher	PHY2053, PHY2053L, PHY2054, PHY2054L	Physics I & Laboratory, Physics II & Laboratory	8
Physics C *(mechanics)*	3 or higher	PHY2053, PHY2053L	Physics I & Laboratory	4
Physics C *(electricity and magnetism)*	3 or higher	PHY2054, PHY2054L	Physics II & Laboratory	4
Social Sciences				
Economics				
Macroeconomics	3 or higher	ECO2013	Macroeconomics	3
Microeconomics	3 or higher	ECO1023	Microeconomics	3
History				
U.S. History	3	AMH1010	American History Pre 1876	3
U.S. History	4 or higher	AMH1010, AMH1020	American History Pre 1876, American History Since 1876	6
World History	3 or higher	WOH1001	Introduction to World History	3
Political Science				
Comparative Government & Politics	3 or higher	CPO2002	Introduction to Comparative Government & Politics	3
U.S. Government & Politics	3 or higher	POS1041	Political Science	3
Psychology				
Psychology	3 or higher	PSY1012*	Introduction to Psychology	3

PAGE 36, INTERNATIONAL BACCALAUREATE CREDIT

Insert the following after the Advanced Placement policy:

International Baccalaureate (IB)

Keiser University values the International Baccalaureate (IB) Diploma Program and its engaging and challenging curriculum that encourages critical thinking, intercultural understanding and respect. The University welcomes applications from IB students.

Keiser University will award credit based on scores achieved on the IB Diploma program examinations. Students will be awarded up to 45 credits. Students with a score of 4 on subject areas will receive 3 – 4 credits for each examination. Students with a score of 5 or above will receive 6 – 8 credits.

Students who are awarded IB credit for ENC1101, ENC2102 or MAC2105 will receive Gordon Rule Credit.

English is the official language of instruction at Keiser University. All prospective students must demonstrate English language competency prior to admission. IB applicants to Keiser University must satisfy this requirement by attaining a minimum score of 4 on the standard or higher English language examinations. There is no need for students who have taken these IB Diploma Program English courses to take other qualifications such as IELTS or TOEFL.

The official International Baccalaureate transcript is required in order to award credit. The credit will be awarded as follows:

Subject	Score of 4 on standard or higher level exams (3 credits/4 credits lab courses)	Score of 5-7 on standard or higher level exams (6 credits/8 credits lab courses)
Biology	BSC1010/1010L (4 credits)	BSC1010/1010L (8 credits) BSC1011/1011L
Business and Management	GEB1112 or MAN1021	GEB1112/MAN1021
Chemistry	CHM1045/1045L (4 credits)	CHM1045/1045L (8 credits) CHM1046/1046L
Computer Science	CGS1000C	
Economics	ECO1023	ECO1023/ECO2013
English	ENC1101	ENC1101/ENC2102
Environmental Systems	BSC1050 or OCB 1010	BSC1050/OCB1010
History of Americas	AMH1010 or AMH1020 or WOH1001	AMH1010 and AMH1020 or WOH1001
Language A: Literature	AML1000 or ENL100 or CWL 1000	AML1000 and ENL1000 or CWL 1000
Mathematics	MAT1033	MAT1033/MAC2105
Music	MUH2011	
Philosophy	PHI1010	
Physics	PHY2001/2001L (4 credits)	PHY2001/2001L (8 credits) PHY2049/2002L
Psychology	PSY 1012	PSY1012/DEP2004
Social and cultural anthropology	SYG1000	SYG1000

PAGE 36, POLICY ON TRANSFER CREDIT FOR MILITARY TRAINING AND EDUCATION

Add the following to the end of the paragraph prior to "Procedures":

Active duty, Reservists and National Guard Service members who are students can complete at a minimum 25% of a program at any time through the University and graduate.

PAGE 37, FLORIDA'S STATEWIDE COURSE NUMBERING SYSTEM

Replace this section with the following:

Florida's Statewide Course Numbering System

Courses in this catalog are identified by prefixes and numbers that were assigned by Florida's Statewide Course Numbering System (SCNS). This numbering system is used by all public postsecondary institutions in Florida and 27 participating nonpublic institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions. Students and administrators can use the online SCNS to obtain course descriptions and specific information about course transfer between participating Florida institutions. This information is at the SCNS website at http://scns.fldoe.org.

Each participating institution controls the title, credit, and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the SCNS. The listing of prefixes and associated courses is referred to as the "SCNS taxonomy." Descriptions of the content of courses are referred to as "statewide course profiles."

Example of Course Identifier

Prefix	**Level Code** (first digit)	**Century Digit** (second digit)	**Decade Digit** (third digit)	**Unit Digit** (fourth digit)	**Lab Code**
ENC	**1**	**1**	**0**	**1**	
English Composition	Lower (Freshman) Level at this institution	Freshman Composition	Freshman Composition Skills	Freshman Composition Skills I	No laboratory component in this course

General Rule for Course Equivalencies

Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions, as listed below in *Exception to the General Rule for Equivalency.*

For example, a freshman composition skills course is offered by 59 different postsecondary institutions. Each institution uses "ENC_101" to identify its freshman composition skills course. The level code is the first digit and represents the year in which students normally take the course at a specific institution. In the SCNS taxonomy, "ENC" means "English Composition," the century digit "1" represents "Freshman Composition," the decade digit "0" represents "Freshman Composition Skills," and the unit digit "1" represents "Freshman Composition Skills I."

In the sciences and certain other areas, a "C" or "L" after the course number is known as a lab indicator. The "C" represents a combined lecture and laboratory course that meets in the same place at the same time. The "L" represents a laboratory course or the laboratory part of a course that has the same prefix and course number but meets at a different time or place.

Transfer of any successfully completed course from one participating institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, ENC 1101 is offered at a community college. The same course is offered at a state university as ENC 2101. A student who has successfully completed ENC 1101 at a Florida College System institution is guaranteed to receive transfer credit for ENC 2101 at the state university if the student transfers. The student cannot be required to take ENC 2101 again since ENC 1101 is equivalent to ENC 2101. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements by transfer students on the same basis as credit awarded to the native students. It is the prerogative of the receiving institution, however, to offer transfer credit for courses successfully completed that have not been designated as equivalent. **NOTE**: Credit generated at institutions on the quarter-term system may not transfer the equivalent number of credits to institutions on the semester-term system. For example, 4.0 quarter hours often transfers as 2.67 semester hours.

The Course Prefix

The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or subcategory of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the assigned prefix to identify the course.

Authority for Acceptance of Equivalent Courses

Section 1007.24(7), Florida Statutes, states:

> Any student who transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the statewide course numbering system shall be awarded credit by the receiving institution for courses satisfactorily completed by the student at the previous institutions. Credit shall be awarded if the courses are judged by the appropriate statewide course numbering system faculty committees representing school districts, public postsecondary educational institutions, and participating nonpublic postsecondary educational institutions to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The Department of Education shall ensure that credits to be accepted by a receiving institution are generated in courses for which the faculty possess credentials that are comparable to those

required by the accrediting association of the receiving institution. The award of credit may be limited to courses that are entered in the statewide course numbering system. Credits awarded pursuant to this subsection shall satisfy institutional requirements on the same basis as credits awarded to native students.

Exceptions to the General Rule for Equivalency

Since the initial implementation of the SCNS, specific disciplines or types of courses have been excepted from the guarantee of transfer for equivalent courses. These include courses that must be evaluated individually or courses in which the student must be evaluated for mastery of skill and technique. The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution.

A. Courses not offered by the receiving institution.
B. For courses at non-regionally accredited institutions, courses offered prior to the established transfer date of the course in question.
C. Courses in the _900-999 series are not automatically transferable, and must be evaluated individually. These include such courses as Special Topics, Internships, Apprenticeships, Practica, Study Abroad, Theses, and Dissertations.
D. College preparatory and vocational preparatory courses.
E. Graduate courses.
F. Internships, apprenticeships, practica, clinical experiences, and study abroad courses with numbers other than those ranging from 900-999.
G. Applied courses in the performing arts (Art, Dance, Interior Design, Music, and Theatre) and skills courses in Criminal Justice (academy certificate courses) are not guaranteed as transferable. These courses need evidence of achievement (e.g., portfolio, audition, interview, etc.).

Courses at Nonregionally Accredited Institutions

The SCNS makes available on its home page (http://scns.fldoe.org) a report entitled "Courses at Nonregionally Accredited Institutions" that contains a comprehensive listing of all nonpublic institution courses in the SCNS inventory, as well as each course's transfer level and transfer effective date. This report is updated monthly.

Questions about the SCNS and appeals regarding course credit transfer decisions should be directed to Dr. David Kreitner in the Office of the Chancellor, Academic Affairs Department, or to the Florida Department of Education, Office of Articulation, 1401 Turlington Building, Tallahassee, Florida 32399-0400. Special reports and technical information may be requested by calling the SCNS office at (850) 245-0427 or at http://scns.fldoe.org.

PAGE 47, SPECIFIC STANDARDS FOR ALLIED HEALTH PROGRAMS

Replace this section with the following:

SPECIFIC STANDARDS FOR ALLIED HEALTH PROGRAMS

The Allied Health Program has a set grading standard designed to assist graduates in achieving passing scores on the national certification examination and to demonstrate that the required core competencies have been achieved.

To enter the Allied Health program core component, the student must achieve a minimum cumulative grade point average (GPA) of 3.0 (on a 4.0 scale) in all general education courses. Earning a grade of "D" or "F" in any general education course, and/or not attaining a cumulative GPA of 3.0 (on a 4.0 scale) in the general education component will prevent the student from entering the program core. The student may elect to repeat a general education course in which a grade of "D" or "F" was received. Transfer credits from another institution will be calculated into this required general education cumulative GPA for admission into the program core.

To continue in the Allied Health program, the student is expected to achieve a minimum cumulative core GPA of 2.75 in the professional courses after completion of the first core semester and for all subsequent semesters. If the student does not meet the required cumulative GPA of 2.75 at the end of a core semester the student will be placed on administrative action in the form of a "Final Written Warning".

A student on "Final Written Warning" may continue in the program with less than a cumulative core GPA of 2.75 ONLY if the subsequent semester shows upward progression in the cumulative core GPA over the previous semester's cumulative core GPA. The student will be removed from "Final Written Warning" once a cumulative core GPA of 2.75 has been achieved. If at the end

of the semester the cumulative core GPA for a student on "Final Written Warning" remains the same as the previous semester's cumulative core GPA (below the required 2.75) or has declined further, the student will be dismissed from the program.

A student who has been dismissed from the program for failure to achieve a minimum cumulative core GPA of 2.75 will be offered a one-time opportunity to re-start the program from the beginning; after waiting out one full semester. However, acceptance for program re-entry is contingent upon not exceeding the program's maximum capacity. The student will be placed on the wait list and await their new programmatic start date. Grades earned for previously taken core courses will not be considered in calculation of core GPA.

For the purposes of this policy, a core semester is defined as the completion of four consecutive terms (i.e., ABCD term order). The Allied Health semester may differ from the established University semester and does not recognize W or WNA in the grade calculation. Allied Health progress is based on qualitative measures and will be evaluated every fourth core course, after the completion of the final term of each core semester.
A student who fails a course within a core semester may choose to re-enter the program when the course re-sequences. The failing grade will only be replaced when and if the student earns a passing grade. Grade calculation will include four consecutive terms, bridging terms, to meet the established core semester for which the student has re-entered. The student must meet the same core semester GPA requirements as previously stated. Should a student be out of an Allied Health program for an extended length of time (as determined in the program's Student Handbook) then the student will be required to re-apply to the program and start the core from the beginning. Grades earned for previously taken core courses will not be considered.

Programs:
Diagnostic Medical Sonography
Diagnostic Vascular Sonography
Dietetics and Nutrition
Health Information Management*
Histotechnology**
Nuclear Medicine Technology
Occupational Therapy Assistant
Physical Therapy Assistant
Radiation Therapy
Radiologic Technology
Respiratory Therapy
Surgical Technology

*Students enrolled in the Health Information Management program are required to complete BSC2085C, BSC2086C, CGS1000, and ENC1101 prior to entering the program core requirement.

**Students enrolled in the Histotechnology program are not required to complete general education courses prior to beginning the Histotechnology core courses. Therefore, these students are not required to achieve a minimum cumulative GPA of 3.0 in all general education courses prior to entering the program core component.

PAGE 49, ALLIED HEALTH PROGRAM FEES FOR LICENSURE AND CERTIFICATION EXAMS

Insert the following table BEFORE "Tuition Charge for Life Experience Credit":

Allied Health Examination and Licensure Fees (Effective January 1, 2010)

Program	Exam/Licensure Fees	Program	Exam/Licensure Fees
AS Diagnostic Medical Sonography **AS Diagnostic Vascular Sonography**	$200.00 ARDMS SPI $250.00 ARDMS Specialty $450.00 Total $200.00 ARDMS SPI $250.00 ARDMS VT $450.00 Total	**AS Nursing**	$205.00 State License $200.00 VUE Testing $405.00 Total
AS Massage Therapy	$155.00 DOH $195.00 MBLEx $350.00 Total	**AS Occupational Therapy Assistant**	$560.00 NBCOT Exam $180.00 State License $ 25.00 Exam $765.00 Total
AS Medical	$95.00 RMA/CMA	**AS Physical**	$180.00 State

Assisting	$150.00 Basic Xray $240.00 Total	**Therapist Assistant**	$370.00 Boards $ 50.00 License $600.00 Total
AS Medical Laboratory Technician	$130.00 AMT $200.00 ASCP $ 45.00 Trainee $ 55.00 State $430.00 Total	**AS Radiologic Technology**	$200.00 ARRT $150.00 State $350.00 Total
AS Nuclear Medicine Technology	$175.00 NMTCB $200.00 ARRT $ 45.00 State $415.00 Total	**AS Surgical Technology**	$237.00 AST

PAGE 50, OTHER FEES

Change the notice on late fees as follows:

Late fee for students who have Cash Payments, the late fee charge is $10.00 per month for each month past due.

Add the following to this section:

Any fees incurred by the school from any bank or credit card company, due to any chargebacks, non-sufficient fund fees, or any other fee incurred in pursuit of payment are subject to a $25 fee per transaction. This fee will be charged to the student's ledger card.

A $25 fee will be charged to the student's ledger card for a stipend check to be sent within the United States via overnight mail.

PAGE 63, PROFESSIONAL BEHAVIOR POLICY

Replace this section with the following:

PROFESSIONAL BEHAVIOR POLICY

The University has established a set of professional behavior(s) which will help students develop their knowledge and skills for entry-level positions in their fields.

- Adhere to University policies and procedures as outlined in the University catalog.
- Adhere to program policies and procedures as outlined in the program student handbook.
- Adhere to policies and procedures of the clinical education site where assigned.
- Arrive to class and clinical sites on time; punctuality is a demonstration of professional behavior.
- Demonstrate responsibility and accountability in all aspects of the educational process.
- Demonstrate appropriate communication, interaction and behavior toward other students, faculty and clinical staff.
- Respect the learning environment regarding visitors. Visitors may not attend class or the clinical education site. This includes children, spouses, parents, friends, animals or any other visitor.

If a student demonstrates unprofessional behavior(s), the student will be placed on an Administrative Action and receive a written warning, final written warning, or program dismissal depending on the severity of the action *(Professional Behavior Procedure).* A student action plan will be implemented outlining the immediate expected professional behavior(s) to be consistently demonstrated by the student. The program reserves the right to withdraw the student at any time if the inappropriate behavior is judged extreme as determined by the program director and dean of academic affairs.

Professional Behavior Procedure

The Administrative Action will become effective in the semester the student is currently enrolled in, and remain in place for the remainder of the *following* semester. At the completion of the *following* semester, the program director or dean will assess the student's progress and determine whether to remove the student from or to extend the Administrative Action. Failure to meet the terms of the Administrative Action, as outlined in a student action plan, will result in dismissal from the program. If additional unprofessional behavior(s) should occur during the remainder of the program, the student will be dismissed from the program and the University, and may be eligible for re-entry to the University.

Clinical Experience – Request for Removal of Student (if applicable to major)
Should a clinical site request removal of a scheduled student due to the student's inability or unwillingness to abide by the program and/or clinical site's policies and procedures, the student will be placed on Administrative Action.

It should be noted that if the cause for removing a student from a clinical site is deemed by the program director and dean of academic affairs as extreme unprofessional behavior, the student may be immediately dismissed from the program and/or the University.

Upon removal from the clinical site, the program will attempt to re-assign the student to a different clinical site. However, should a second incident occur during the *same* clinical rotation/course in which a clinical site requests the removal of the student, the program will immediately remove the student from the site and provide no further clinical re-assignments. This action will result in the student receiving a failing grade for the clinical rotation/course and subsequently not permitted to advance to the next core course.

The student may wish to apply for re-entry to the program when the course re-sequences. However, re-entry to the program is contingent upon: a) the program not exceeding maximum program capacity; and b) a review of events leading up to the dismissal with a student action plan designed by the program director addressing professional behavior expectations.

If a student has been re-assigned to a clinical education site due to a request for removal from a previously assigned clinical site based on unprofessional behavior, and similar unprofessional behavior occurs in a *subsequent* clinical rotation/course, the student will not be re-assigned for clinical placement and will be permanently dismissed from the program.

Academic and Administrative Dismissal
A student may be dismissed from Keiser University for disregarding administrative policies. Causes for dismissal include, but are not limited to, the following:

- Failure to meet minimum educational standards established by the program in which the student is enrolled.
- Failure to meet student responsibilities including, but not limited to:
    - meeting of deadlines for academic work and tuition payments;
    - provision of documentation, corrections and/or new information as requested;
    - notification of any information that has changed since the student's initial application;
    - purchase or otherwise furnish required supplies;
    - maintenance of University property in a manner that does not destroy or harm it;
    - return of library books in a timely manner and payment of any fines that may be imposed;
    - obtaining required education and financial clearance prior to graduation and to comply with all parking regulations;
    - continued inappropriate personal appearance;
    - continued unsatisfactory attendance;
    - non-payment for services provided by the University;
    - failure to comply with policies and procedures listed in the current University catalog and student handbook; or
    - conduct prejudicial to the class, program or University.
- Specific behaviors that may be cause for dismissal include, but are not limited to:
    - willful destruction or defacement of University or student property;

- theft of student or University property;
- improper or illegal conduct, including hazing, sexual harassment, etc.;
- use, possession, and/or distribution of alcoholic beverages, illegal drugs, and/or paraphernalia on campus;
- being under the influence of alcoholic beverages or illegal drugs while on campus;
- cheating, plagiarism, and/or infractions of the University's Student Conduct Policies;
- any behavior which distracts other students and disrupts routine classroom activities;
- use of abusive language, including verbalization or gestures of an obscene nature; or
- threatening or causing physical harm to students, faculty, staff or others on campus or while students are engaged in off-site learning experiences.

Conflict Resolution
Students are encouraged to first discuss any concerns with their instructor. If the concern is not resolved, they should speak to their program director. Subsequent levels are the associate dean or dean of academic affairs and the campus president. Chain of command should *always* be utilized for prompt resolution. Keiser University does however maintain an open door policy.

Student Disciplinary Procedures
If a student violates Keiser University's Standards of Conduct in a classroom, the first level of discipline lies with the faculty member. If a situation demands further action, the dean of academic affairs is responsible. In the absence of the dean, the campus president determines disciplinary action. If a student has a serious objection to the disciplinary action imposed, the student has the right to use the grievance process as outlined in the Keiser University catalog.

When a student violates Keiser University's Standards of Conduct outside the classroom but on campus, the dean of academic affairs is the first level of discipline. The next level is the campus president. If a student is dissatisfied with the disciplinary action imposed, the student has the right to use the grievance process as outlined in the Keiser University catalog.

PAGE 103, RESIDENCY REQUIREMENT, DOCTOR OF BUSINESS ADMINISTRATION

Replace this section with the following:

Residency Requirement
Doctoral students must complete two residencies, the first before the student completes DBA760 and the comprehensive examination. The second residency must be taken prior to taking the sixth and final specialization course.
DOPR Doctor of Philosophy Residency One
DOPR2 Doctor of Philosophy Residency Two

PAGE 109, PROGRAM DESCRIPTION, MASTER OF ACCOUNTANCY

Replace section "Program Prerequisites" with the following:

Program Prerequisites
- Baccalaureate degree from an accredited institution in accounting, business or equivalent with appropriate upper division accounting coursework.

PAGE 115, PROGRAM DESCRIPTION, MS INFORMATION SECURITY

Replace this section with the following:

INFORMATION SECURITY
Master of Science Degree

Program Description
Keiser University's Master of Science in Information Security offers an intensive graduate program that provides information technology professionals with theoretical and practical knowledge in security concepts such as access control, secure application

development, business continuity planning, cryptography, e-commerce regulations, operational, physical, architectural security, telecommunications and network security. This curriculum will prepare students for careers as a Chief Information Officer, Chief Security Officer, and network forensic specialist. Upon completion of the program graduate students should be able to take the widely recognized Certified Information Systems Security Professional (CISSP) exam. Additionally, this program will meet the requirements of the National Security Agency (NSA) Committee on National Security Systems (CNSS) curriculum mandated by the Department of Defense for government employees involved in information security.

Program Objectives

Keiser University's Master of Science in Information Security program enables students to contribute to the Information Technology profession through independent learning, scholarship, and research. At the conclusion of the program, master's students will be able to:

- Manage the use of information security methodologies in the practice of information assurance and risk management.
- Identify areas of security concerns within system and application software.
- Assess the security needs of an enterprise information system and its applications to maintain the confidentiality, integrity and availability of digital data.
- Plan the use of network security using current cryptographic and access control technologies.
- Create information security polices and disaster recovery procedures that conform to moral, legal and ethical standards.
- Compose physical security methodologies to address system vulnerabilities and apply appropriate countermeasures in response to threats.
- Conduct scholarly research pertaining to contemporary information security issues.
- Demonstrate professional communication skills in writing through organizing, thinking critically, and communicating ideas and information in documents and presentations.

Program Outline

To receive a Master of Science in Information Security degree, students must earn 36.0 graduate semester credit hours. Transfer of graduate credits will be evaluated on a case by case basis. Thirty program hours must be completed through Keiser University. Program requirements are as follows:

Master of Science in Information Security Courses (36.0 credit hours)

Required Major Core Courses (36.0 credit hours)

ISS500	Operating Systems and Application Support (co-requisite course)	3.0 credit hours
ISS510	Enterprise Information Systems and Networks	3.0 credit hours
ISS520	Database Systems and Security	3.0 credit hours
ISS550	Software Engineering	3.0 credit hours
ISS640	Cryptography	3.0 credit hours
ISS655	Global E-Commerce and Privacy Assurance	3.0 credit hours
ISS670	Advanced Network Security	3.0 credit hours
ISS675	Survey of Computer Languages	3.0 credit hours
ISS680	Intrusion Detection and Prevention Systems	3.0 credit hours
ISS685	E-Discovery, Network and Computer Forensics	3.0 credit hours
ISS695	Risk Analysis and Vulnerability Assessment	3.0 credit hours
ISS690	Capstone Project Information Security	3.0 credit hours

PAGE 119, PROGRAM DESCRIPTION, MS MANAGEMENT

Insert the following at the end of the program description:

Spanish Master of Science degree in Management

For program information in Spanish, please refer to the Spanish edition of this catalog.

PAGE 121, PROGRAM DESCRIPTION, MS PHYSICIAN ASSISTANT

Replace this section with the following:

PHYSICIAN ASSISTANT
Master of Science Degree

Program Description
Keiser University's Master of Science degree in Physician Assistant is an intense study of patient care theory, science and practice, combining didactic, laboratory, and clinical study and experience.

The first year is an intense study of basic sciences and clinically related didactic course work. The clinical year provides students with experience in emergency medicine, surgery, obstetrics and gynecology, pediatrics, psychiatry, family medicine, internal medicine, and two electives. Learner-centered activities will be used and include: independent and collaborative learning, experiential applications, case study analysis and problem-based instruction through simulations and model-based applications. Graduates are required to sit for the Physician Assistant National Certification Examination (PANCE) and eligible, upon successful completion of the PANCE, to be licensed and practice medicine under the supervision of a physician.

Program Objectives
Keiser University's MSPA program established intended student learning objectives to specifically align with the NCCPA core competencies. Upon completion of this program, students are able to:

- Demonstrate a high level of standard in patient care
- Effectively demonstrate core knowledge and application in their daily practice
- Demonstrate analytic and investigatory thinking in clinical situations
- Demonstrate a medical knowledge of pathophysiology, patient management, surgical principles, health promotion and disease prevention
- Effectively demonstrate interpersonal and communication skills that result in effective information exchange with patients, their families and professional colleagues
- Provide age-appropriate assessment, evaluation and treatment plans
- Demonstrate a high level of legal and ethical responsibility to a diverse patient populations
- Evaluate, assess and improve patient care practices
- Demonstrate an awareness and accountability for providing optimal patient care
- Effectively demonstrate an awareness of legal and legislative issues involving professional liability, reimbursement and professional behavior
- Demonstrate professional communication skills in writing through organizing, thinking critically, and communicating ideas and information in documents and presentations.

Prerequisites for Major Courses
- Baccalaureate degree from a regionally accredited institution or equivalent.
- General Biology or Zoology (4 semester hours), Human Anatomy and Physiology (8 semester hours), Microbiology (4 semester hours), Genetics (3 semester hours), General Chemistry (8 semester hours), Biochemistry or Organic Chemistry (3 semester hours), College Math or higher (3 semester hours), English, with minimum one class of English composition (6 semester hours), Humanities (3 semester hours), Social Sciences (3 semester hours), Behavioral Science (6 semester hours).

The Master of Science in Physician Assistant is designed to meet the needs of students with regionally accredited baccalaureate degrees and appropriate required prerequisites. Students will come from a health care background seeking positions as members of a health care team practicing medicine under the supervision of a physician in a variety of settings.

NOTE: Courses in the MSPA program last from one week to one semester. Students can expect to attend classes Monday through Friday with some evening and weekend classes, taking multiple classes concurrently. Clinical experiences are a minimum of 40 hours per week and scheduled at the direction of the clinical site. All students in this program attend on a full time basis.

Program Outline
To receive a Master of Science in Physician Assistant degree, students must earn 138 graduate semester credit hours. The first year includes 82 semester credit hours of didactic and laboratory instruction. The second year includes 56 semester credit hours consisting of 45 semester credit hours of clinical rotations and 11 semester credit hours of coursework that includes a Graduate Project, Certification Examination Review, Introduction to Healthcare Research and Biostatistics, Transition into Physician Assistant Practice, and Summative Evaluation.

No elective courses are offered in this program, although two clinical rotation electives are required. All program didactic and clinical hours must be completed through Keiser University. Program requirements are as follows:

Master of Science in Physician Assistant Major Core Courses (138.0 credit hours)

First Year-Didactic and Laboratory (82.0 credit hours)

MPA500	Introduction to the Physician Assistant Profession	1.0 credit hour
MPA501	Medical Terminology	1.0 credit hour
MPA502	Fundamentals of Diagnostic Methods	3.0 credit hours
MPA510	Physical Diagnosis I	3.0 credit hours
MPA511	Human Physiology	4.0 credit hours
MPA512	Clinical Pathophysiology	3.0 credit hours
MPA513	Human Anatomy	5.0 credit hours
MPA514	Applied Learning Experience	1.0 credit hour
MPA520	Physical Diagnosis II	3.0 credit hours
MPA521	Microbiology	3.0 credit hours
MPA522	Ethical and Legal Medicine	3.0 credit hours
MPA523	Clinical Pharmacology	2.0 credit hours
MPA524	Fundamentals of Clinical Medicine and Surgery I	5.0 credit hours
MPA525	Clinical Laboratory Medicine I	1.0 credit hour
MPA526	Psychosocial Issues in Healthcare	2.0 credit hours
MPA530	Physical Diagnosis III	3.0 credit hours
MPA531	Principles of Life Support and Electrocardiography	5.0 credit hours
MPA532	Clinical and Surgical Procedures	4.0 credit hours
MPA533	Pharmacotherapeutics I	4.0 credit hours
MPA534	Fundamentals of Clinical Medicine and Surgery II	6.0 credit hours
MPA535	Clinical Laboratory Medicine II	2.0 credit hours
MPA536	Health Promotion and Disease Prevention	2.0 credit hours
MPA537	Healthcare Policy	1.0 credit hour
MPA538	Medical Genetics	1.0 credit hour
MPA540	Clinical Psychiatry	3.0 credit hours
MPA543	Pharmacotherapeutics II	3.0 credit hours
MPA544	Fundamentals of Clinical Medicine and Surgery III	8.0 credit hours

Second Year-Clinical and Didactic (56.0 credit hours)

MPA600	Prenatal/Gynecology CR	5.0 credit hours
MPA610	Internal Medicine CR	5.0 credit hours
MPA620	Surgery CR	5.0 credit hours
MPA630	Emergency Medicine CR	5.0 credit hours
MPA640	Pediatrics CR	5.0 credit hours
MPA650	Family Medicine CR	5.0 credit hours
MBA660	Psychiatry CR	5.0 credit hours
MPA670	Elective 1 CR	5.0 credit hours
MPA680	Elective 2 CR	5.0 credit hours
MPA515	Introduction to Healthcare Research and Biostatistics	3.0 credit hours
MPA690	Graduate Project	3.0 credit hours
MPA691	Certification Examination Review	2.0 credit hours
MPA692	Transition into Physician Assistant Practice	1.0 credit hour
MPA695	Summative Evaluation	2.0 credit hours

PAGE 124, PROGRAM DESCRIPTION, JOINT GRADUATE DEGREE PROGRAMS

JOINT GRADUATE DEGREE PROGRAMS

EDUCATION AND BUSINESS

Joint Master of Science in Education and Master of Business Administration Degree

Program Description

The Joint Master of Science in Education and Master of Business Administration (MSEd-MBA) degree program is designed for career college professionals who aspire to leadership positions in postsecondary education. The joint degree program fosters independent learning and enables students to contribute intellectually to the field of career college administration. The curriculum focuses on the essential knowledge and capabilities necessary to work as a career college leader by providing a foundation in technology, curriculum, personnel, enrollment management, higher education marketing and recruitment, campus operations, accounting, economics, finance, and project management. Graduates are able to demonstrate a conceptual understanding of advanced educational theory and practice and to critically analyze and solve problems based on applied research methods.

Program Objectives

Keiser University's MSE-MBA program enables students to lead education-related organizations and businesses. Upon completion of this program, students are able to:

- Demonstrate theory-based and practical leadership in higher education and related fields.
- Direct educational operations including marketing, campus operations, personnel recruitment and development, and enrollment management.
- Exhibit competency in professional practices including ethics, diversity, legal issues, and communication with all education and business stakeholders.
- Incorporate critical thinking, scholarly writing, research, and technology in practice.
- Design and assess curriculum, instruction, and programs related to student success.
- Apply selected methods of quantitative analysis to enhance business decisions.
- Evaluate an organization's financial position through financial statement analysis and/or forecasting.
- Compare economic environments and markets and their impact on education-related business.
- Through a conceptual understanding, apply managerial leadership skills, marketing strategies, and/or international business concepts, theory, and research to critically analyze and solve problems in unpredictable environments.
- Demonstrate professional communication skills in writing through organizing, thinking critically, and communicating ideas and information in documents and presentations.

Prerequisites for Major Courses

- Baccalaureate degree from an accredited institution.

The Joint Master of Science in Education-Master of Business Administration is designed to meet the needs of students with accredited baccalaureate degrees. Students may be classroom practitioners, education administrators, teachers seeking positions within administration, or career college professionals.

NOTE: Courses in the Joint MSEd MBA program are each eight-weeks in length, and students are scheduled for one or two courses concurrently.

Program Outline

To receive a Joint Master of Science in Education – Master of Business Administration degree, students must earn 60 graduate semester credit hours. In the final semester of their program, students complete a capstone business strategies project. Fifty-four of the program hours must be completed through Keiser University. Program requirements are as follows:

Master of Science in Education Major Core Courses (30.0 credit hours)

EDU510	Affirming Diversity	3.0 credit hours
EDU511	Integrative Instructional Technology	3.0 credit hours
EDU512	Education Governance, Motivation and Ethical Decision Making (co-requisite course)	3.0 credit hours
EDU513	Advanced Curriculum and Instructional Design	3.0 credit hours
EDU514	Advanced Educational Assessment and Evaluation	3.0 credit hours
EDU560	Enrollment Management Theory and Practice	3.0 credit hours
EDU562	Higher Education Marketing and Recruitment	3.0 credit hours
EDU563	Managing Campus Operations	3.0 credit hours
EDU552	Personnel Selection and Development	3.0 credit hours

EDU565	Student Retention and Management	3.0 credit hours

Masters of Business Administration Major Core Courses (30.0 credit hours)

AGC501	Survey of Accounting	3.0 credit hours
ACG5075	Accounting for Decision Making	3.0 credit hours
FIN521	Financial Management	3.0 credit hours
MAN542	Business Research Methods	3.0 credit hours
MAN551	International Business	3.0 credit hours
MAN571	Organizational Behavior (co-requisite for business courses)	3.0 credit hours
MAN573	Project Management	3.0 credit hours
ECO581	Managerial Economics	3.0 credit hours
MAN673	Organizational Change	3.0 credit hours
MBA699	Capstone: Business Strategies	3.0 credit hours

PAGE 126, PROGRAM DESCRIPTION, GRADUATE CERTIFICATE IN CAREER COLLEGE ADMINISTRATION

Insert the following after the course list for Management Leadership Graduate Certificate:

GRADUATE EDUCATION CERTIFICATE PROGRAMS

CAREER COLLEGE ADMINISTRATION

Program Description

The Graduate Education Certificate in Career College Administration provides current career college employees and executives essential skills in the field of career college management. This program provides theory and practical application focused on helping career college employees advance to management and strategic level positions. The curriculum focuses on enrollment management, marketing and recruitment, student retention, campus operations, personnel selection and development, and project management.

Program Objectives

Keiser University's Graduate Education Certificate in Career College Administration prepares students to contribute to the education profession as leaders. Upon completion of this program, students are prepared to assume leadership roles in education by:

- Demonstrating theory-based and practical leadership in career college education and related fields.
- Directing educational operations including marketing, campus operations, personnel recruitment and development, and enrollment management.
- Demonstrating professional communication skills in writing through organizing, thinking critically, and communicating ideas and information in documents and presentations.

Prerequisites for Core Courses

- A baccalaureate degree from an accredited institution
- Professional resume
- A one page personal statement describing the applicant's expectations of the certificate program

NOTE: Courses in the Graduate Education Certificate program are eight-weeks in length and students are scheduled for one or two courses concurrently.

Program Outline

To receive a Graduate Education Certificate, students must earn 18 graduate semester hours in an approved certificate program area. All 18 credit hours must be completed through Keiser University. Certificate program requirements are as follows:

Career College Administration (18.0 credit hours)

EDU560	Enrollment Management Theory and Practice	3.0 credit hours
EDU562	Higher Education Marketing and Recruitment	3.0 credit hours
EDU563	Managing Campus Operations	3.0 credit hours
EDU552	Personnel Selection and Development	3.0 credit hours

EDU565	Student Retention and Management	3.0 credit hours
MAN573	Project Management	3.0 credit hours

PAGE 126, PROGRAM DESCRIPTION, BA ACCOUNTING

Replace this section with the following:

ACCOUNTING

Program Description

Keiser University's Bachelor of Arts degree in Accounting focuses on accounting, business and communications skills needed in today's business environment. The program provides the unique skills needed in various areas of accounting such as: taxation, auditing, managerial/cost, financial, governmental, and accounting information systems as well as general business courses. The Bachelor of Arts degree in Accounting also uses various business and accounting related software programs to enhance students' knowledge.

Program Objectives

The following objectives are designed to meet Keiser University's mission and its goals:

- To enhance student's knowledge of accounting/tax concepts and standards as they relate to various specialty areas within accounting
- To enhance student's knowledge of general business subjects as they relate to the functions of an accountant.
- To develop student's proficiency in the use of business and accounting/tax software applications
- To help students develop strong communication skills including business writing skills and problem solving skills
- To reinforce ethical and legal business practices through the use of critical thinking skills

Prerequisites for Upper Division Courses

ECO1023*	Microeconomics	3.0 credit hours
ECO2013*	Macroeconomics	3.0 credit hours
STA2023*	Statistics	3.0 credit hours

*Courses must be completed with a grade of "C" or higher

Program Outline

To receive a Bachelor of Arts degree in Accounting, students must earn 120.0 credit hours. Program requirements are as follows:

Lower Division Accounting Major Courses (24.0 credit hours)

ACG1001*****	Accounting Principles I	3.0 credit hours
ACG2011*****	Accounting Principles II	3.0 credit hours
ACG2062*****	Accounting Information for Business Decisions	3.0 credit hours
ACG2091*	Integrated Accounting	3.0 credit hours
BUL1240	Business Law	3.0 credit hours
FIN2001	Financial Management	3.0 credit hours
MAR1011	Introduction to Marketing	3.0 credit hours
TAX2004*****	Principles of Taxation	3.0 credit hours

*Courses must be completed with a grade of "C" or higher

Lower Division General Education Courses (36.0 credit hours)

Credit hours in parentheses indicate the required number of credit hours in each discipline.

Behavioral/Social Science (3.0 credit hours)

AMH1010	American History Pre 1876	3.0 credit hours
AMH1020	American History Since 1876	3.0 credit hours
POS1041	Political Science	3.0 credit hours
PSY1012	Introduction to Psychology	3.0 credit hours
SYG1000	Sociology	3.0 credit hours

Communications (3.0 credit hours)

SPC1017	Speech Communications	3.0 credit hours

Computers (3.0 credit hours)

CGS1000C	Introduction to Computers	3.0 credit hours

Economics (6.0 credit hours)

ECO1023*	Microeconomics	3.0 credit hours
ECO2013*	Macroeconomics	3.0 credit hours

English (6.0 credit hours)

ENC1101*	English Composition I	3.0 credit hours
ENC2102*	English Composition II	3.0 credit hours

Humanities/Fine Arts (3.0 credit hours)

AML1000	American Literature	3.0 credit hours
ENL1000	English Literature	3.0 credit hours
CWL1000	Contemporary World Literature	3.0 credit hours

Mathematics (6.0 credit hours)

MAC2105*	College Algebra	3.0 credit hours
MGF2106*	College Mathematics	3.0 credit hours
STA2023*	Statistics **(required)**	3.0 credit hours

Natural Science (6.0 credit hours)

BSC1010	General Biology	3.0 credit hours
BSC1010L	General Biology Laboratory	1.0 credit hour
BSC1011	Advanced Biology3.0 credit hours	
BSC1011L	Advanced Biology Laboratory	1.0 credit hour
BSC1050	Environmental Science	3.0 credit hours
OCB1010	General Marine Biology	3.0 credit hours

NOTE: All lower division major and general education courses should be successfully completed before upper division courses are undertaken.

Upper Division Accounting Major Courses (51.0 credit hours)

ACG4101*****	Intermediate Accounting I	3.0 credit hours
ACG4111*****	Intermediate Accounting II	3.0 credit hours
ACG4201*	Advanced Accounting	3.0 credit hours
ACG 4253*	International Financial Reports	3.0 credit hours
ACG4342*****	Advanced Managerial/Cost Accounting	3.0 credit hours
ACG4401*	Accounting Information Systems	3.0 credit hours
ACG4501*	Governmental and Institutional Accounting	3.0 credit hours
ACG4651*****	Auditing I	3.0 credit hours
ACG4671*	Auditing II	3.0 credit hours
BUL3130	Legal and Ethical Environment of Business	3.0 credit hours
ECO4223	Money and Banking	3.0 credit hours
FIN3400	Principles of Managerial Finance	3.0 credit hours
MAN3025	Introduction to Management and Organizational Behavior	3.0 credit hours
MAN4583	Project Management	3.0 credit hours
MNA4404	Management Law and Employee Relations	3.0 credit hours
QMB3200	Quantitative Approach to Business Decisions	3.0 credit hours
TAX4001*****	Income Tax Accounting	3.0 credit hours

*****Courses must be completed with a grade of "C" or higher

Upper Division General Education Courses (9.0 credit hours)

CGS3300	Management Information Systems	3.0 credit hours
ENC4313	Research Writing	3.0 credit hours
STA3163	Intermediate Statistics	3.0 credit hours

PAGE 136, PROGRAM DESCRIPTION, BA HEALTH SERVICES ADMINISTRATION

Insert the following at the end of the program description:

Spanish Bachelor of Arts degree in Health Services Administration
For program information in Spanish, please refer to the Spanish edition of this catalog.

PAGE 141, PROGRAM DESCRIPTION, BA POLITICAL SCIENCE

Insert the following *before* BA Psychology:

POLITICAL SCIENCE

Bachelor of Arts Degree

Program Description

The Bachelor of Arts degree in Political Science explores government policy, processes, political campaigning, political theory, legal studies, and international relations. The degree has a strong liberal arts focus and research focus designed to prepare students for graduate level training in a variety of disciplines along with entry-level work in a host of disparate fields. This is a broad-spectrum program that introduces students to the general study of the field of political science, and is suited for students with an interest in public policy, foreign affairs, issues in immigration and the environment as well as those seeking an academic foundation for work in political campaigns.

Program Objectives

The following objectives are designed to meet Keiser University's mission and its goals:

- Explain the functions of government in American society
- Explain the differences between various government and economic systems
- Explain various political theories
- Apply a framework for understanding the political, economic, social, historical, and philosophical underpinnings of various political theories
- Analyze the role of US foreign policy in the world today
- Understand the stressors that population, natural resources, and environmental issues have on political frameworks
- Understand the role of public opinion on political behavior
- Analyze the role of mass media in the political system
- Analyze regional tensions and regional powers in order to explain their significance to global relations.
- Develop an understanding of APA format and writing in the field of political science.

Prerequisites for Major Courses

  - Completion of all lower level courses with a C or better.

- The following lower division courses, if not taken as part of an associate's program, must be successfully completed before beginning upper division major courses (Course equivalency is established by the dean of academic affairs from official transcripts received from regionally accredited institutions):

BSC1030	Environmental Science	3.0 credit hours
CPO2002	Introduction to Comparative Government and Politics	3.0 credit hours
ECO2013	Macroeconomics	3.0 credit hours
ENC2102	English Composition II	3.0 credit hours
INR2001	International Relations	3.0 credit hours
MAC2105	College Algebra or	3.0 credit hours
MGF2106	College Mathematics	3.0 credit hours
POS1041	Political Science	3.0 credit hours
POT1003	Intro to Political Theory	3.0 credit hours
STA2023	Statistics	3.0 credit hours

Program Outline

The curriculum for the Bachelor of Arts degree in Political Science requires 120.0 upper division semester credit hours consisting of 36 credits in lower division general education courses, 24 credits in lower division major courses, 12 credits in upper division

general education courses, and 48 credits in upper division major. A total of 120 semester credit hours are required for the degree.

NOTE: All lower division major and general education courses must be successfully completed before upper division courses are undertaken. POS1041 is a prerequisite for ALL courses in the major, both lower division and upper division.

Lower Division Political Science Major Courses (24.0 credit hours)

POS1041	Political Science	3.0 credit hours
CPO2002	Introduction to Comparative Government and Politics	3.0 credit hours
INR2001	International Relations	3.0 credit hours
POT1003	Intro to Political Theory	3.0 credit hours
PLA1304	Criminal Law	3.0 credit hours
CPO2030	Politics of the Developing World	3.0 credit hours
INR2109	US Latin American Relations	3.0 credit hours
DSC1011	Domestic and International Terrorism	3.0 credit hours

Lower Division General Education Courses (36.0 credit hours)
Credit hours in parentheses indicate the required number of credit hours in each discipline.

Behavioral/Social Science (6.0 credit hours)

AMH1010	American History Pre 1876 **(required)**	3.0 credit hours
AMH1020	American History Since 1876 **(required)**	3.0 credit hours

Communications (3.0 credit hours)

SPC1010	Speech	3.0 credit hours

Computers (3.0 credit hours)

CGS1000C	Introduction to Computers	3.0 credit hours

Economics (3.0 credit hours)

ECO2013	Macroeconomics **(required)**	3.0 credit hours

English (6.0 credit hours)

ENC1101	English Composition I	3.0 credit hours
ENC2102	English Composition II	3.0 credit hours

Humanities/Fine Arts (3.0 credit hours)

AML1000	American Literature	3.0 credit hours
ENL1000	English Literature	3.0 credit hours
CWL1000	Contemporary World Literature	3.0 credit hours

Mathematics (6.0 credit hours)

MAC2105	College Algebra	3.0 credit hours
MGF2106	College Math	3.0 credit hours
STA2023	Statistics **(required)**	3.0 credit hours

Natural Science (6.0 credit hours)

BSC1010	General Biology	3.0 credit hours
BSC1030	Environmental Science **(required)**	3.0 credit hours

NOTE: All lower division major and general education courses must be successfully completed with a minimum of a C before upper division courses are undertaken.

Upper Division Political Science Major Courses (48.0 credit hours)

POS3063	Intergovernmental Relations	3.0 credit hours
POS3235	Mass Media and Politics	3.0 credit hours
POS3413	The American Presidency	3.0 credit hours
POS3205	Voting Behavior and Public Opinion	3.0 credit hours

POS3274	The Campaign Process	3.0 credit hours
POT3632	Religion and Politics	3.0 credit hours
PAD3034	Intro to Public Policy	3.0 credit hours
POT3044	Great Political Thinkers	3.0 credit hours
INR3274	Middle East Foreign Policy	3.0 credit hours
POS4035	Environmental Politics	3.0 credit hours
PAD4204	Public Finance	3.0 credit hours
ECO4701	The World Economy	3.0 credit hours
POS4142	Urban Government Social Policy	3.0 credit hours
PLA4880	American Constitutional Law	3.0 credit hours
PLA4844	Immigration Law	3.0 credit hours
PUP4052	Issues in International Policy	3.0 credit hours

Upper Division General Education Courses (12.0 credit hours)

COM3465	Conflict Resolution	3.0 credit hours
HIS3319	History of Civil Rights and Civil Liberties	3.0 credit hours
IDS3355	Critical Thinking	3.0 credit hours
STA3163	Intermediate Statistics	3.0 credit hours

PAGE 144, PROGRAM DESCRIPTION, BS BIOMEDICAL SCIENCES

Insert the following BEFORE BS Cyberforensics/Information Security:

BIOMEDICAL SCIENCES

Bachelor of Science Degree

Program Description

The Bachelor of Science degree in Biomedical Sciences program prepares students for entry into health sciences and analytical/research laboratories. Graduates possess the skills to perform in a variety of science related positions in health departments, zoos, clinical and environmental chemistry, pharmaceutics, and laboratories.

Graduates of the program will have completed the prerequisites necessary to be successful in graduate programs in the sciences as well as a multitude of professional programs such as occupational and physical therapy, dentistry, pharmacy, and physician assistant programs. However, a Bachelor of Science degree in Biomedical Sciences can also be a terminal program for individuals who wish to work in laboratory settings and other occupations.

Program Objectives

The following objectives are designed to meet Keiser University's mission and its goals:

- To develop critical thinkers who are capable of meeting the evolving needs of the biomedical field.
- To prepare students for successful entry into professional and/or related graduate programs.
- To develop students analytical skills and laboratory techniques routinely applied in scientific research.
- To develop students written and verbal competencies, enabling them to formulate concise and accurate reports of experimental work.
- To develop students capable of using the scientific methods to design experimental studies and statistically analyze the results.
- To develop biomedical professionals who practice within a legal, ethical framework.
- To develop students through the integration of content relating to current concepts of life sciences, physical sciences, and interdisciplinary studies.

Program Outline

To receive a Bachelor of Science degree in Biomedical Sciences, students must earn 131 credit hours. Program requirements are as follows:

Lower Division Biomedical Sciences Major Courses (40.0 credit hours)

BSC2010	Biology I	3.0 credit hours
BSC2010L	Biology I Laboratory	1.0 credit hour
BSC2011	Biology II	3.0 credit hours
BSC2011L	Biology II Laboratory	1.0 credit hour
CHM2045	General Chemistry	3.0 credit hours

CHM2045L	General Chemistry Laboratory	1.0 credit hour
CHM2046	Advanced Chemistry	3.0 credit hours
CHM2046L	Advanced Chemistry Laboratory	1.0 credit hour
CHM2010	Organic Chemistry	3.0 credit hours
CHM2010L	Organic Chemistry Laboratory	1.0 credit hour
CHM2011	Organic Chemistry II	3.0 credit hours
CHM2011L	Organic Chemistry II Laboratory	1.0 credit hour
BSC2085C	Anatomy and Physiology I	4.0 credit hours
BSC2086C	Anatomy and Physiology II	4.0 credit hours
PHY2053	Physics I	3.0 credit hours
PHY2053L	Physics I Laboratory	1.0 credit hour
PHY2054	Physics II	3.0 credit hours
PHY2054L	Physics II Laboratory	1.0 credit hour

Lower Division General Education Courses (31.0 credit hours)
Credit hours in parenthesis indicate the required number of credit hours in each discipline.

Behavioral/Social Science (6.0 credit hours)

PSY1012	Introduction to Psychology	3.0 credit hours
POS1041	Political Science	3.0 credit hours
DEP2004	Lifespan Development	3.0 credit hours
AMH1010	American History Pre 1877	3.0 credit hours
AMH1020	American History Post 1877	3.0 credit hours
SYG1000	Sociology	3.0 credit hours

Communications (3.0 credit hours)

SPC1017	Speech	3.0 credit hours

Computers (3.0 credit hours)

CGS1000C	Introduction to Computers	3.0 credit hours

English (6.0 credit hours)

ENC1101	English Composition	3.0 credit hours
ENC2102	English Composition II	3.0 credit hours

Humanities/Fine Arts (3.0 credit hours)

AML1000	American Literature	3.0 credit hours
ENL1000	English Literature	3.0 credit hours
CWL1000	Contemporary World Literature	3.0 credit hours

Mathematics (7.0 credit hours)

STA2023	Statistics	3.0 credit hours
MAT2311	Calculus	4.0 credit hours

Electives (3.0 credit hours)

ECO1023	Microeconomics	3.0 credit hours
ECO2013	Macroeconomics	3.0 credit hours
PSY2214	Abnormal Psychology	3.0 credit hours

NOTE: All lower division major and general education courses must be successfully completed before upper division courses are undertaken.

Upper Division Biomedical Sciences Major Courses (51.0 credit hours)

BCH4053	Biochemistry I	3.0 credit hours
BCH4054	Biochemistry II	3.0 credit hours
PCB3063	Genetics	3.0 credit hours
PCB3063L	Genetics Laboratory	1.0 credit hour
PCB3522	Molecular Biology I	3.0 credit hours
PCB3023L	Molecular Cell Biology Laboratory	1.0 credit hour
PCB4524	Molecular Biology II	3.0 credit hours
MCB3020	Microbiology	4.0 credit hours

MCB3020L	Microbiology Laboratory	1.0 credit hour
PCB4239	Molecular Immunology	3.0 credit hours
PCB3233L	Immunology Laboratory	1.0 credit hour
MCB4414	Microbial Metabolism	3.0 credit hours
MCB4721C	Methods in Biotechnology	4.0 credit hours
MCB4312	Molecular Biotechnology	3.0 credit hours
BSC3403C	Quantitative Biological Methods	4.0 credit hours
BSC4458	Bioinformatics	3.0 credit hours
ZOO4603C	Embryology/Development	4.0 credit hours
PCB3044	Principles of Ecology	3.0 credit hours
PCB3044L	Principles of Ecology Laboratory	1.0 credit hour

Upper Division General Education Courses (9.0 credit hours)

PLA3523	Health Law and Ethics	3.0 credit hours
ENC3241	Writing for the Technical Professional	3.0 credit hours
IDS3355	Critical Thinking	3.0 credit hours

PAGE 144, PROGRAM DESCRIPTION, BS BIOTECHNOLOGY

Insert the following after the program description for BS Biomedical Sciences:

BIOTECHNOLOGY

Bachelor of Science Degree

Program Description

The Bachelor of Science in Biotechnology program trains students in many disciplines including genetics, biochemistry and molecular biology and prepares them for entry into health sciences and analytical/research laboratories. Graduates possess the skills to perform laboratory tests using standardized laboratory procedures.

Graduates of the program will have completed the prerequisites necessary to be successful in graduate programs in the sciences. However, a Bachelor of Science in Biotechnology can also be a terminal program for individuals who wish to work in laboratory settings and other occupations.

Program Objectives

The following objectives are designed to meet Keiser University's mission and its goals:

- To develop critical thinkers who are capable of meeting the evolving needs of the biotechnology field.
- To prepare students for successful entry into professional and/or related graduate programs.
- To develop students analytical skills and laboratory techniques routinely applied in scientific research.
- To develop students written and verbal competencies, enabling them to formulate concise and accurate reports of experimental work.
- To develop students capable of using the scientific methods to design experimental studies and statistically analyze the results.
- To develop biotechnology professionals who practice within a legal, ethical framework.
- To develop students through the integration of content relating to current concepts of life sciences, physical sciences, and interdisciplinary studies.

Program Outline

To receive a Bachelor of Science in Biotechnology, students must earn 129 credit hours. Program requirements are as follows:

Lower Division Biotechnology Science Major Courses (32.0 credit hours)

CHM2045	General Chemistry	3.0 credit hours
CHM2045L	General Chemistry Laboratory	1.0 credit hour
CHM2046	Advanced Chemistry	3.0 credit hours
CHM2046L	Advanced Chemistry Laboratory	1.0 credit hour
CHM2010	Organic Chemistry	3.0 credit hours
CHM2010L	Organic Chemistry Laboratory	1.0 credit hour
CHM2011	Organic Chemistry II	3.0 credit hours
CHM2011L	Organic Chemistry II Laboratory	1.0 credit hour
BSC2085C	Anatomy and Physiology I	4.0 credit hours
BSC2086C	Anatomy and Physiology II	4.0 credit hours

PHY2053	Physics I	3.0 credit hours
PHY2053L	Physics I Laboratory	1.0 credit hour
PHY2054	Physics II	3.0 credit hours
PHY2054L	Physics II Laboratory	1.0 credit hour

Lower Division General Education Courses (36.0 credit hours)
Credit hours in parenthesis indicate the required number of credit hours in each discipline.

Behavioral/Social Science (6.0 credit hours)

PSY1012	Introduction to Psychology	3.0 credit hours
POS1041	Political Science	3.0 credit hours
DEP2004	Lifespan Development	3.0 credit hours
AMH1010	American History Pre 1877	3.0 credit hours
AMH1020	American History Post 1877	3.0 credit hours
SYG1000	Sociology	3.0 credit hours

Communications (3.0 credit hours)

SPC1017	Speech	3.0 credit hours

Computers (3.0 credit hours)

CGS1000C	Introduction to Computers	3.0 credit hours

English (6.0 credit hours)

ENC1101	English Composition	3.0 credit hours
ENC2102	English Composition II	3.0 credit hours

Humanities/Fine Arts (3.0 credit hours)

AML1000	American Literature	3.0 credit hours
ENL1000	English Literature	3.0 credit hours
CWL1000	Contemporary World Literature	3.0 credit hours

Mathematics (7.0 credit hours)

STA2023	Statistics	3.0 credit hours
MAT2311	Calculus	4.0 credit hours

Natural Sciences (8.0 credit hours)

BSC2010	Biology I	3.0 credit hours
BSC2010L	Biology I Laboratory	1.0 credit hour
BSC2011	Biology II	3.0 credit hours
BSC2011L	Biology II Laboratory	1.0 credit hour

NOTE: All lower division major and general education courses must be successfully completed before upper division courses are undertaken.

Upper Division Biotechnology Major Courses (52.0 credit hours)

BCH4053	Biochemistry I	3.0 credit hours
BCH4054	Biochemistry II	3.0 credit hours
PCB3063	Genetics	3.0 credit hours
PCB3063L	Genetics Laboratory	1.0 credit hour
PCB3522	Molecular Biology I	3.0 credit hours
PCB3023L	Molecular Cell Biology Laboratory	1.0 credit hour
PCB4524	Molecular Biology II	3.0 credit hours
MCB3020	Microbiology	4.0 credit hours
MCB3020L	Microbiology Laboratory	1.0 credit hour
PCB4239	Molecular Immunology	3.0 credit hours
PCB3233L	Immunology Laboratory	1.0 credit hour
MCB4414	Microbial Metabolism	3.0 credit hours
MCB4721C	Methods in Biotechnology	4.0 credit hours
MCB4312	Molecular Biotechnology	3.0 credit hours
BSC3403C	Quantitative Biological Methods	4.0 credit hours
BSC4458	Bioinformatics	3.0 credit hours

MCB4720	Industrial Perspective Seminar	3.0 credit hours
PCB4529	Experimental Molecular Biology	3.0 credit hours
PCB4174	Foundation of Bio-Imaging Science	3.0 credit hours

Upper Division General Education Courses (9.0 credit hours)

PLA3523	Health Law and Ethics	3.0 credit hours
ENC3241	Writing for the Technical Professional	3.0 credit hours
IDS3355	Critical Thinking	3.0 credit hours

PAGE 151, PROGRAM DESCRIPTION, BS EXERCISE SCIENCE

Insert the following after BS Elementary Education:

EXERCISE SCIENCE

Bachelor of Science Degree

Program Description

Keiser University's Bachelor of Science degree in Exercise Science combines both didactic instruction integrated with supervised practice and externships necessary to provide the student with the necessary tools to be successful in this field. The focus of this program is to prepare the student to take four nationally recognized and accredited field certifications. In addition, the coursework focuses on preparing the student with a strong foundation in science-based General Educations and a balanced offering of Core classes. Following graduation from the Exercise Science program, students will have the necessary requirements to pursue a degree in a variety of medical fields including physical therapy.

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Program Objectives

The following objectives are designed to meet Keiser University's mission and its goals:

- Develop a student's ability to apply health and fitness assessments in the development, monitoring and motivation of individuals with exercise prescriptions.
- Effectively prepare students to properly conduct and monitor exercise sessions in both healthy and special populations.
- Apply learned principles to properly conduct assessments and measurements in sports performance assessments in both healthy and special populations and interpret the results
- Analyze and apply principles related to the human movement system as well as using corrective exercise strategies to correct dysfunctional movement patterns.
- Prepare graduates for careers in Exercise Science and/or further education.

Prerequisites for Major Courses

At a minimum, students must successfully complete (with a minimum of a 2.0 or "C" grade in each of these courses) the following two general education requirements before beginning any core coursework. The 2.0 or "C" grade in BSC2085C is the minimum grade a student can earn before a student entering BSC2086C.

- BSC2085C Human Anatomy and Physiology I
- BSC2086C Human Anatomy and Physiology II

Program Outline

To receive a Bachelor of Science in Exercise Science, students must earn 128.0 credit hours. Program requirements are as follows.

Lower Division Sports Medicine and Fitness Technology Major Courses (16.0 credit hours)

PET1084C	*Health and Fitness Appraisal and Wellness	4.0 credit hours
PET1352C	Nutrition and Weight Management	4.0 credit hours
PET1384C	*Principles of Health and Fitness	4.0 credit hours
PET2353	Exercise Physiology	4.0 credit hours

*Students must successfully pass these classes with a minimum of a 2.0, or "C".

Lower Division General Education Courses (49.0 credit hours)

Credit hours in parentheses indicate the required number of credit hours in each discipline.

Behavioral/Social Science (6.0 credit hours)

PSY1012	Introduction to Psychology	3.0 credit hours
DEP2004	Lifespan Development	3.0 credit hours

Communications (3.0 credit hours)

SPC1017	Speech Communications	3.0 credit hours

Computers (3.0 credit hours)

CGS1000C	Introduction to Computers	3.0 credit hours

English (3.0 credit hours)

ENC1101	English Composition I	3.0 credit hours

Humanities/Fine Arts (3.0 credit hours)

AML1000	American Literature	3.0 credit hours
ENL1000	English Literature	3.0 credit hours

Mathematics (6.0 credit hours)

MAC2105	College Algebra	3.0 credit hours
MAT1033	Intermediate Algebra	3.0 credit hours
MGF2106	College Mathematics	3.0 credit hours
STA2023	Statistics (required)	3.0 credit hours

Physics (8.0 credit hours)

PHY2001	Physics I	3.0 credit hours
PHY2001L	Physics I Laboratory	1.0 credit hours
PHY2049	Physics II	3.0 credit hours
PHY2049L	Physics II Lab	1.0 credit hours

Natural Science (20.0 credit hours)

BSC2085C	Human Anatomy and Physiology I	4.0 credit hours
BSC2086C	Human Anatomy and Physiology II	4.0 credit hours
BSC1010	General Biology	3.0 credit hours
BSC1010L	General Biology Laboratory	1.0 credit hours
CHM1045	General Chemistry	3.0 credit hours
CHM1045L	General Chemistry Laboratory	1.0 credit hours
CHM1046	Advanced Chemistry	3.0 credit hours
CHM1046L	Advanced Chemistry Laboratory	1.0 credit hours

NOTE: All lower division major and general education courses must be successfully completed before upper division courses are undertaken.

Upper Division Sports Medicine and Fitness Technology Major Courses (63.0 credit hours)

PET3310C	Applied Kinesiology	4.0 credit hours
APK3114C	Strength Training and Conditioning	4.0 credit hours
HSC3171C	Stress Management	4.0 credit hours
HSC4143C	Substance Abuse	4.0 credit hours
PET3361C	Nutrition in Health and Exercise	4.0 credit hours
PET31042C	Corrective Exercise Techniques	4.0 credit hours
PET3639C	Advanced Care and Prevention of Athletic Injuries	4.0 credit hours
PET4214C	Sport and Exercise Psychology	4.0 credit hours
PET4353C	Physiology of Fitness & Exercise	4.0 credit hours
PET4517C	Sports Business Management	4.0 credit hours
PET4552C	Exercise Programming for Special Populations	4.0 credit hours
PET4901C	Integrated Studies in Exercise Science Capstone	4.0 credit hours
PET4941	Externship I	3.5 credit hours
PET4942	Externship II	3.5 credit hours
SPM4157C	Exercise Leadership II	4.0 credit hours

PAGE 154, PROGRAM DESCRIPTION, BS HEALTH INFORMATION MANAGEMENT

Replace the second paragraph with the following paragraph:

The Health Information Management (HIM), Bachelor of Science degree program at Keiser University, Fort Lauderdale campus, is in Candidacy Status, pending accreditation review by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM), 233 N. Michigan Avenue, 21st Floor, Chicago, IL 60601-5800. The accreditation process may take up to two years, however completion of the accreditation process does not necessarily mean that the Health Information Management program will be granted accreditation status.

PAGE 167, PROGRAM DESCRIPTION, BS NURSING

Replace the section "Prerequisites for Major Courses" with the following:

Prerequisites for Major Courses
Background check and drug screening where applicable.
Graduation from either an associate degree nursing program or a diploma nursing program.
Proof of current, active and non-restricted professional licensure as a registered nurse in the United States.
Nursing Diploma and International students must satisfy the following prerequisites (or equivalent with a "C" or higher) before beginning upper division major courses. Course equivalency is established by the Dean of Academic Affairs or the University Department Chair from official transcripts received from accredited institutions.

MAC2105	College Algebra or MAT1033 Intermediate Algebra
ENC1101	English Composition I
AML1000	American Literature or English Literature, ENL 1000
CGS1000C	Introduction to Computers
BSC2085C	Human Anatomy and Physiology I
BSC2086C	Human Anatomy and Physiology II
MCB2000C	Microbiology I
DEP2004	Lifespan Development

PAGE 172, PROGRAM DESCRIPTION, BS SPORT MANAGEMENT

Replace this section with the following:

SPORT MANAGEMENT
Bachelor of Science Degree

Program Description
Keiser University's Bachelor of Science in Sport Management is designed to provide students with the knowledge and skills required for a career in the sport industry. The sport industry is one of the largest segments of the economy, and opportunities for careers exist in international, professional, amateur, and collegiate sport, as well as in tourism, recreation, and private sport enterprise. The Keiser curriculum focuses on the business aspects of the sport industry, including marketing, management, law, ethics, economics, and finance. The program is offered as a 120-credit program and a 60-credit degree completion program. The 120-credit program features two tracks: an internship-based track with a concentration in Sales, Media, and Technology and a course-based track with three concentrations in Golf, Psychology, and Sports Medicine and Fitness Technology. The degree completion program features concentrations in Golf, Psychology, and Sports Medicine and Fitness Technology. Students enrolling in the degree completion program must have an approved Associate's degree.

Program Objectives
Upon completion of this program, students are able to:
Integrate knowledge from sports management and business administration
Apply business procedures to sports management
Effectively market various types of sports and sport development programs
Understand the principles of organizational behavior as they relate to sport management and staffing
Understand the legal ramifications of managing a sports facility as they relate to both business law and human resource management
Analyze the role of ethics in sport management
Apply the principles of finance, accounting, and economics to the sport industry

Students enrolled in the Sales, Media, and Technology Concentration are able to:
Integrate knowledge from the fields of sales, media and technology with sport management
Students enrolled in the Golf Concentration are able to:
Integrate knowledge from the golf industry with sport management
Students enrolled in the Sports Medicine and Fitness Technology Concentration are able to:

Integrate knowledge from Sports Medicine and Fitness Technology with sport management
Students enrolled in the Psychology Concentration are able to:
Integrate knowledge from the field of psychology with sport management

Prerequisites for Major Courses

- Successful completion of lower division SPM courses

Program Outline

To receive a Bachelor of Science Degree in Sport Management, students must earn a total of 120.0 credit hours. Students may choose from one of the following options:

Track 1 Internship – Students must earn a total of 120.0 credit hours. Program requirements are listed below.

Track 2 Course-Based – Students must earn a total of 120.0 credit hours. Program requirements are listed below.

Degree Completion - Students must have an associate degree in golf, physical education, fitness, sports, recreation or a related field from an accredited institution and earn 60.0 upper division credit hours for a total of 120.0 credit hours. Program requirements are listed below.

Lower Division Sport Management Courses – Track 1-Internship (27.0 credit hours)

ACG1001	Accounting Principles I	3.0 credit hours
BUL1240	Business Law	3.0 credit hours
SPM1000	Introduction to Sport Management	3.0 credit hours
SPM2001	Introduction to Sport Marketing and Sales Management	3.0 credit hours
SPM2022	Current Issues in Sport Management	3.0 credit hours
SPM2403	Sport Media Relations	3.0 credit hours
SPM2500	Financial Management in the Sport Industry	3.0 credit hours
SPM1940	Sport Management Internship I	3.0 credit hours
SPM2940	Sport Management Internship II	3.0 credit hours

Lower Division Sport Management Courses – Track 2 Course-Based (27.0 credit hours)

ACG1001	Accounting Principles I	3.0 credit hours
BUL1240	Business Law	3.0 credit hours
SPM1000	Introduction to Sport Management	3.0 credit hours
SPM2001	Introduction to Sport Marketing and Sales Management	3.0 credit hours
SPM2022	Current Issues in Sport Management	3.0 credit hours
SPM2403	Sport Media Relations	3.0 credit hours
SPM2500	Financial Management in the Sport Industry	3.0 credit hours
MAN1021	Principles of Management	3.0 credit hours
GEB1112	Entrepreneurship	3.0 credit hours

Lower Division General Education Courses (33.0 credit hours)

Credit hours in parentheses indicate the required number of credit hours in each discipline.

Behavioral/Social Science (3.0 credit hours)

AMH1010	American History Pre 1876	3.0 credit hours
AMH1020	American History Since 1876	3.0 credit hours
IDS1107	Strategies for Success	3.0 credit hours
POS1041	Political Science	3.0 credit hours
PSY1012	Introduction to Psychology	3.0 credit hours
SYG1000	Sociology	3.0 credit hours

Communications (3.0 credit hours)

SPC1017	Speech Communication	3.0 credit hours

Computers (3.0 credit hours)

CGS1000C	Introduction to Computers	3.0 credit hours

Economics (3.0 credit hours)

ECO1023	Microeconomics	3.0 credit hours

English (6.0 credit hours)

ENC1101	English Composition I	3.0 credit hours
ENC2102	English Composition II	3.0 credit hours

Humanities/Fine Arts (3.0 credit hours)

AML1000	American Literature	3.0 credit hours
CWL1000	Contemporary World Literature	3.0 credit hours
ENL1000	English Literature	3.0 credit hours

Mathematics (6.0 credit hours)

MAC2105	College Algebra	3.0 credit hours
MGF2106	College Mathematics	3.0 credit hours
STA2023	Statistics **(required)**	3.0 credit hours

Natural Science (6.0 credit hours)

BSC1010	General Biology	3.0 credit hours
BSC1011	Advanced Biology	3.0 credit hours
BSC1030	Environmental Science	3.0 credit hours
BSC2085C	Human Anatomy and Physiology I	4.0 credit hours
BSC2086C	Human Anatomy and Physiology II	4.0 credit hours
CHM1045	General Chemistry	3.0 credit hours
CHM 1046	Advanced Chemistry	3.0 credit hours
OCB1010	General Marine Biology	3.0 credit hours

NOTE: All lower division major and general education courses should be successfully completed before upper division courses are undertaken.

Upper Division Sport Management Courses – Track 1-Internship (33.0 credit hours)

ACG3024	Accounting for Managers and Investors	3.0 credit hours
SPM3010	Sport in American Life	3.0 credit hours
SPM3040	Governance and Policy in Sport Organizations	3.0 credit hours
SPM3721	Risk Management	3.0 credit hours
SPM4104	Venue and Event Management	3.0 credit hours
SPM4204	Ethical Issues in Sport Management	3.0 credit hours
SPM4300	Strategic Sport Marketing and Sponsorship	3.0 credit hours
SPM4501	Sport Economics	3.0 credit hours
SPM4505	Sport Finance	3.0 credit hours
SPM3940	Sport Management Internship III	3.0 credit hours
SPM4940	Sport Management Internship IV	3.0 credit hours

Upper Division Sport Management Courses – Track 2 Course-Based (33.0 credit hours)

ACG3024	Accounting for Managers and Investors	3.0 credit hours
SPM3010	Sport in American Life	3.0 credit hours
SPM3040	Governance and Policy in Sport Organizations	3.0 credit hours
SPM3721	Risk Management	3.0 credit hours
SPM4104	Venue and Event Management	3.0 credit hours
SPM4204	Ethical Issues in Sport Management	3.0 credit hours
SPM4300	Strategic Sport Marketing and Sponsorship	3.0 credit hours
SPM4501	Sport Economics	3.0 credit hours
SPM4505	Sport Finance	3.0 credit hours
SPM 4116	Strategic Management for Sport Organizations	3.0 credit hours
PSY 4830	Sport Psychology	3.0 credit hours

Sales, Media, and Technology Concentration (for students enrolled in Track 1) (18.0 credit hours)

SPM3320	Sport Consumer Behavior	3.0 credit hours
SPM3321	Selling in Sport Management	3.0 credit hours
SPM3322	Advanced Selling and Sales Management	3.0 credit hours
SPM4400	Sport Journalism	3.0 credit hours
SPM4401	Sport Broadcasting	3.0 credit hours
SPM4402	Managing Social Media in Sport Business	3.0 credit hours

Golf Concentration (for students enrolled in Track 2) (18.0 credit hours)

SPM3110	Golfer Development Programs	3.0 credit hours
SPM3115	Principles and Science of Coaching	3.0 credit hours
SPM3310	Marketing in Golf	3.0 credit hours
SPM4118	Technology in Sports Coaching	3.0 credit hours
SPM4128	Human Resources Mgmt. for the Golf Professional	3.0 credit hours
SPM4150	Sport Administration and Law for the Golf Professional	3.0 credit hours

Sports Medicine and Fitness Technology Concentration (for students enrolled in Track 2) (18.0 credit hours)

SPM4157	Exercise Leadership	3.0 credit hours
PET3310	Applied Kinesiology	3.0 credit hours
PET3639	Advanced Care & Prevention of Athletic Injuries	3.0 credit hours
PET3361	Nutrition in Health & Science	3.0 credit hours
HSC4143	Substance Abuse	3.0 credit hours
HSC3172	Stress Management	3.0 credit hours

Psychology Concentration (for students enrolled in Track 2) (18.0 credit hours)

CLP3314	Health Psychology	3.0 credit hours
CLP4182	Addictive Behaviors	3.0 credit hours
DEP4305	Adolescent Psychology	3.0 credit hours
DEP4404	Psychology of Adult Development	3.0 credit hours
PSY4836	Psychology of Coaching and Team Building	3.0 credit hours
HSC3172	Stress Management	3.0 credit hours

Upper Division General Education Courses (9.0 credit hours)

ENC3213	Professional Writing	3.0 credit hours
IDS3355	Critical Thinking	3.0 credit hours
INP3224	Workforce Diversity	3.0 credit hours

Degree Completion Requirements:

- Graduation from an accredited associate degree program in golf, physical education, fitness, sports, recreation or a related field
- Documentation of a minimum of six months post-graduate work experience in a related field
- The following lower level division courses must be successfully completed. (Course equivalency is established by the Dean of Academic Affairs from official transcripts received from accredited institutions.)
  ENC2102 English Composition II (prerequisite ENC1101)
  MAC2105 College Algebra or MGF2106 College Math, or STA2023 Statistics

PAGE 174, PROGRAM DESCRIPTION, BS SPORTS MEDICINE AND FITNESS TECHNOLOGY

Replace this section with the following:

Program Description

Keiser University's Bachelor of Science degree in Sports Medicine and Fitness Technology focuses on advanced health and fitness assessment, prescription and lifestyle modification. The program provides information on health risk factors, exercise leadership, biomechanics of movement, physiological adaptations to exercise, injury prevention, care and therapy modalities, business management and ethics in sport.

Program Objectives
The following objectives are designed to meet Keiser University's mission and its goals:

- To develop a student's ability to apply health and fitness assessments in the development, monitoring and motivation of individuals with exercise prescriptions
- To prepare students to properly conduct and monitor exercise sessions in both healthy and special populations.
- To prepare students to manage their own business in the field of health and wellness and to utilize sports marketing and promotion techniques.
- To assist students in understanding health risk factors, physiological adaptations to exercise and psychological factors associated with fitness and exercise programs
- To assist students in understanding and applying basic biomechanical principles

Prerequisites for Major Courses
At a minimum, students must successfully complete (with a minimum grade of 2.0 or "C") the following two general education requirements before beginning major coursework:

- BSC2085C Human Anatomy and Physiology I
- BSC2086C Human Anatomy and Physiology II

Program Outline
To receive a Bachelor of Science in Sports Medicine and Fitness Technology, students must earn 125.0 credit hours. Program requirements are as follows:

Lower Division Sports Medicine and Fitness Technology Major Courses (39.0 credit hours)

PET1084C	Health and Fitness Appraisal and Wellness	4.0 credit hours
PET1352C	Nutrition and Weight Management	4.0 credit hours
PET1384C	Principles of Health and Fitness	4.0 credit hours
PET1604C	Sports Medicine and First Aid	4.0 credit hours
PET2082C	Exercise Leadership I	4.0 credit hours
PET2214C	Sports Psychology	4.0 credit hours
PET2353C	Exercise Physiology	4.0 credit hours
PET2941	Externship I	3.5 credit hours
PET2942	Externship II	3.5 credit hours
SPM2150C	Sports Administration and Law	4.0 credit hours

Lower Division General Education Courses (26.0 credit hours)
Credit hours in parentheses indicate the required number of credit hours in each discipline.

Behavioral/Social Science (3.0 credit hours)

AMH1010	American History Pre 1876	3.0 credit hours
AMH1020	American History Since 1876	3.0 credit hours
IDS1107	Strategies for Success	3.0 credit hours
POS1041	Political Science	3.0 credit hours
PSY1012	Introduction to Psychology	3.0 credit hours
SYG1000	Sociology	3.0 credit hours

Communications (3.0 credit hours)

SPC1017	Speech	3.0 credit hours

Computers (3.0 credit hours)

CGS1000C	Introduction to Computers	3.0 credit hours

English (3.0 credit hours)

ENC1101	English Composition I	3.0 credit hours
ENC2102	English Composition II	3.0 credit hours

Humanities/Fine Arts (3.0 credit hours)

AML1000	American Literature	3.0 credit hours

ENL1000	English Literature	3.0 credit hours

Mathematics (3.0 credit hours)

MAC2105	College Algebra	3.0 credit hours
MAT1033	Intermediate Algebra	3.0 credit hours

Natural Science (8.0 credit hours)

BSC2085C	Human Anatomy and Physiology I	4.0 credit hours
BSC2086C	Human Anatomy and Physiology II	4.0 credit hours

NOTE: All lower division major and general education courses must be successfully completed before upper division courses are undertaken.

Upper Division Sports Medicine and Fitness Technology Major Courses (48.0 credit hours)

APK3114C	Strength Training and Conditioning	4.0 credit hours
HSC3172C	Stress Management	4.0 credit hours
HSC4143C	Substance Abuse	4.0 credit hours
PET3310C	Applied Kinesiology	4.0 credit hours
PET3361C	Nutrition in Health and Exercise	4.0 credit hours
PET3632C	Basic Therapeutic Modalities for Musculoskeletal Injuries	4.0 credit hours
PET3639C	Advanced Care and Prevention of Athletic Injuries	4.0 credit hours
PET4517C	Sports Business Management	4.0 credit hours
PET4552C	Exercise Programming for Special Populations	4.0 credit hours
PET4940C	Integrated Studies in Sports Medicine Capstone	4.0 credit hours
SPM4157C	Exercise Leadership II	4.0 credit hours
SPM4305C	Sports Marketing and Promotions	4.0 credit hours

General Education Courses (12.0 credit hours)

CGS3300	Management Information Systems	3.0 credit hours
COM3131	Interpersonal Communication for Professionals	3.0 credit hours
ENC3213	Writing for Managers	3.0 credit hours
IDS3355	Critical Thinking	3.0 credit hours

PAGE 176, PROGRAM DESCRIPTION, AA ACCOUNTING

Replace this section with the following:

ACCOUNTING

Associate of Arts Degree

Keiser University's Associate of Arts degree in Accounting focuses on entry-level accounting skills needed in today's business environment. The program provides a basic understanding of essential business skills and addresses unique skills needed by an accounting clerk. Accounting topics include: federal taxation, financial accounting and the use of accounting software.

Program Objectives

The following objectives are designed to meet Keiser University's mission and its goals:

- To develop students' ability to understand basic accounting/tax concepts and to prepare basic financial statements
- To develop students' ability to accurately record business transactions and perform basic data analysis techniques
- To assist students to develop a basic understanding of common business and accounting software applications
- To develop student's understanding of essential business functions including the importance of good communication skills, writing skills, and ethical business practices

Prerequisites for Major Courses
None

Program Outline
To receive an Associate of Arts degree in Accounting, students must earn 60.0 credit hours. Program requirements are as follows:

Accounting Major Courses (24.0 credit hours)

ACG1001*	Accounting Principles I	3.0 credit hours
ACG2011*	Accounting Principles II	3.0 credit hours
ACG2062*	Accounting Information for Business Decisions	3.0 credit hours
ACG2091*	Integrated Accounting	3.0 credit hours
BUL1240	Business Law	3.0 credit hours
FIN2001	Financial Management	3.0 credit hours
MAR1011	Introduction to Marketing	3.0 credit hours
TAX2004*	Principles of Taxation	3.0 credit hours

*Courses must be completed with a grade of "C" or higher

Lower Division General Education Courses (36.0 credit hours)
Credit hours in parentheses indicate the required number of credit hours in each discipline.

Behavioral/Social Science (3.0 credit hours)

AMH1010	American History Pre 1876	3.0 credit hours
AMH1020	American History Since 1876	3.0 credit hours
POS1041	Political Science	3.0 credit hours
PSY1012	Introduction to Psychology	3.0 credit hours
SYG1000	Sociology	3.0 credit hours

Communications (3.0 credit hours)

SPC1017	Speech Communications	3.0 credit hours

Computers (3.0 credit hours)

CGS1000C	Introduction to Computers	3.0 credit hours

Economics (6.0 credit hours)

ECO1023*	Microeconomics	3.0 credit hours
ECO2013*	Macroeconomics	3.0 credit hours

English (6.0 credit hours)

ENC1101*	English Composition I	3.0 credit hours
ENC2102*	English Composition II	3.0 credit hours

Humanities/Fine Arts (3.0 credit hours)

AML1000	American Literature	3.0 credit hours
ENL1000	English Literature	3.0 credit hours
CWL1000	Contemporary World Literature	3.0 credit hours

Mathematics (6.0 credit hours)

MAC2105*	College Algebra	3.0 credit hours
MGF2106*	College Mathematics	3.0 credit hours
STA2023*	Statistics **(required)**	3.0 credit hours

Natural Science (6.0 credit hours)

BSC1010	General Biology	3.0 credit hours
BSC1010L	General Biology Laboratory	1.0 credit hour
BSC1011	Advanced Biology	3.0 credit hours
BSC1011L	Advanced Biology Laboratory	1.0 credit hour
BSC1050	Environmental Science	3.0 credit hours
OCB1010	General Marine Biology	3.0 credit hours

*Courses must be completed with a grade of "C" or higher

PAGE 208, PROGRAM DESCRIPTION, AS HEALTH INFORMATION MANAGEMENT

Replace the second and third paragraph with the following:

The Associate Degree Health Information Management program at Keiser University, Fort Lauderdale campus, is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM), http://cahiim.org.

PAGE 217, PROGRAM DESCRIPTION, AS MEDICAL LABORATORY TECHNICIAN

Replace this section with the following:

MEDICAL LABORATORY TECHNICIAN
Associate of Science Degree

An Associate of Science degree is considered a terminal degree. The decision on course transferability rests with the receiving institution.

Program Description
Keiser University's Associate of Science degree in Medical Laboratory Technician trains students to function effectively as a member of a medical laboratory team. Graduates possess skills to perform laboratory tests in accordance with standardized laboratory practices in clinical chemistry, hematology, urinalysis, clinical microbiology, immunohematology and serology/immunology.

Program Objectives
The following objectives are designed to meet Keiser University's mission and its goals:

- To develop a student's ability to perform standardized laboratory test procedures
- To develop a student's ability to think critically and communicate effectively
- To prepare students for entry-level employment in physician's offices and clinical or reference laboratories as medical laboratory technicians

Prerequisites for Major Courses
- Background checks and drug screens will be required prior to externship
- General education courses must be completed with a grade average of 3.0 on a scale of 4.0

Program Outline
To receive an Associate of Science degree as a Medical Laboratory Technician, students must earn 73.0 credit hours. Program requirements are as follows:

Medical Laboratory Technician Major Courses (47 credit hours)

MLT1610C*	Clinical Chemistry I	4.0 credit hours
MLT1620C	Clinical Chemistry II	4.0 credit hours
MLT1802*	Clinical Practicum Part I	3.5 credit hours
MLT1804	Clinical Practicum Part II	3.5 credit hours
MLT2210C	Urinalysis	4.0 credit hours
MLT2300C*	Hematology I	4.0 credit hours
MLT2365C	Hematology II	4.0 credit hours
MLT2402C*	Microbiology I	4.0 credit hours
MLT2403C	Microbiology II	4.0 credit hours
MLT2500C	Serology/Immunology	4.0 credit hours
MLT2525C	Immunohematology I	4.0 credit hours
MLT2528C	Immunohematology II	4.0 credit hours

*Must be completed with a grade of "C" or higher before students are enrolled in the "II" portion of the subjects.

General Education Courses (26.0 credit hours)
Credit hours in parentheses indicate the required number of credit hours in each discipline.

NOTE: Medical Laboratory Technician students who wish to sit for the Medical Technologist examination may need 8.0 credit hours in Biology and 8.0 credit hours in Chemistry.

Behavioral/Social Science (3.0 credit hours)

AMH1010	American History Pre 1876	3.0 credit hours
AMH1020	American History Since 1876	3.0 credit hours
IDS1107	Strategies for Success	3.0 credit hours
POS1041	Political Science	3.0 credit hours
PSY1012	Introduction to Psychology	3.0 credit hours
SYG1000	Sociology	3.0 credit hours

Communications (3.0 credit hours)

SPC1017	Speech	3.0 credit hours

Computers (3.0 credit hours)

CGS1000C	Introduction to Computers	3.0 credit hours

English (3.0 credit hours)

ENC1101	English Composition I	3.0 credit hours
ENC2102	English Composition II	3.0 credit hours

Humanities/Fine Arts (3.0 credit hours)

AML1000	American Literature	3.0 credit hours
ENL1000	English Literature	3.0 credit hours

Mathematics (3.0 credit hours)

MAC2105	College Algebra	3.0 credit hours
MAT1033	Intermediate Algebra	3.0 credit hours
MGF2106	College Mathematics	3.0 credit hours
STA2023	Statistics	3.0 credit hours

Natural Science (8.0 credit hours)

BSC2085C	Human Anatomy and Physiology I	4.0 credit hours
BSC2086C	Human Anatomy and Physiology II	4.0 credit hours

PAGE 222, PROGRAM DESCRIPTION, AS NURSING

Replace the Program Goals with the following verbiage:

Program Goals

The Nursing program's mission is further defined by the following goals:

- Students will utilize effective interdisciplinary collaboration within a health care environment.
- Students will integrate evidence based technologies to support clinical decision making.
- Students will utilize clinical judgment and reasoning to promote optimal patient care.
- Students will model behaviors of professionalism in the pursuit of excellence.
- Students will possess the necessary breadth of knowledge and skills for obtaining entry-level employment as a professional registered nurse.

PAGE 223, PROGRAM DESCRIPTIONS, AS OCCUPATIONAL THERAPY ASSISTANT

Replace the section "Prerequisites for Major Courses" with the following:

Prerequisites for Major Courses

- Satisfactory background check and drug screening
- Completion of general education courses with a minimum grade of "C" for each course
- Completion of BSC2085C and BSC2086C, Human Anatomy and Physiology I and II
- Score a minimum of 18 on the University's entrance examination test.
- Cumulative grade average of 3.0 on a 4.0 scale

PAGE 224, PROGRAM OUTLINE, AS OCCUPATIONAL THERAPY

Replace this section with the following:

Program Outline

To receive an Associate of Science degree in Occupational Therapy Assistant, students must earn 84.0 credit hours. Program requirements are as follows. (Each course in the Occupational Therapy Assistant major is a prerequisite for the subsequent course and therefore must be passed with a minimum "C" grade in order to proceed successfully through the program.)

Occupational Therapy Assistant Major Courses (58.0 credit hours)

OTH 1007	Introduction to Occupational Therapy	5.0 credit hours
OTH 1203	Human Occupation and Development Across the Lifespan	4.0 credit hours
OTH 1014C	Kinesiology for Occupational Therapy Assistants	4.0 credit hours
OTH 1433C	Musculoskeletal Disorders/Assessment and Treatment Strategies	4.0 credit hours
OTH 1432C	Neurological Disorders/Assessment and Treatment Strategies	4.0 credit hours
OTH 2300C	Psychiatric Occupational Therapy Disorders/ Strategies	4.0 credit hours
OTH 2022C	Group Dynamics	2.0 credit hours
OTH 2121C	Therapeutic Media	2.0 credit hours
OTH 2800	Fieldwork I	2.0 credit hours
OTH 2420C	Occupational Therapy for Physically Disabled	4.0 credit hours
OTH 2520C	Pediatric Occupational Therapy	4.0credit hours
OTH 2602C	Aging and Performance Skills	4.0 credit hours
OTH 2013C	OT Pre-clinical Practicum	3.0 credit hours
OTH 2840	Fieldwork II	12.0 credit hours

General Education Courses (26.0 credit hours)

Credit hours in parentheses indicate the required number of credit hours in each discipline. To be eligible for admission into the OTA major, students must obtain a 3.0 GPA in their general education requirements and pass each course with a minimum C grade.

Behavioral Science (3.0 credit hours)

PSY 1021	Introduction to Psychology	3.0 credit hours	T

Communications (3.0 credit hours)

SPC 1010	Speech	3.0 credit hours	T

Computers (3.0 credit hours)

CGS 1000C	Introduction to Computers	3.0 credit hours	T

English (3.0 credit hours)

ENC 1101	English Composition I	3.0 credit hours	T
ENC 2102	English Composition II	3.0 credit hours	T

Humanities/Fine Arts (3.0 credit hours)

AML 1000	American Literature	3.0 credit hours	T
ENL 1000	English Literature	3.0 credit hours	T

Mathematics (3.0 credit hours)

MAC 2105	University Algebra	3.0 credit hours	T
MAT 1033	Intermediate Algebra	3.0 credit hours	T

Natural Science (8.0 credit hours)

BSC2085C	Hum Anatomy/Physiology I	4.0 credit hours	T
BSC2086C	Hum Anatomy/Physiology II	4.0 credit hours	T

The letter "T" represents a course designed for transferability between institutions.

PAGE 229, PROGRAM DESCRIPTIONS, AS RADIOLOGIC TECHNOLOGY

Replace the section "Prerequisites for Major Courses" with the following:

Prerequisites for Major Courses

- Background check and drug screening when applicable
- Completion of all general education coursework with a minimum grade of "C" for each course
- Completion of BSC2085C and BSC2086C, Human Anatomy and Physiology I and II
- Cumulative grade average of 3.0 on a scale of 4.0

PAGE 243, PROGRAM DESCRIPTION, CERTIFICATE IN ACCOUNTING ONLINE

Replace this section with the following:

CERTIFICATE IN ACCOUNTING ONLINE

For information on graduation rates, student debt levels, and other disclosures, visit www.Keiser University.edu/Consumerinfo

Description

Keiser University's Certificate in Accounting program offers students who are currently working in the accounting field the necessary coursework required to meet specific CPA licensure requirements. This Certificate requires 30 credit hours of upper division baccalaureate-level coursework. Topics include specialized accounting and business concepts. Note: Course requirements for CPA licensure are specific to each state.

Program Objectives

The following objective is designed to meet Keiser University's mission and its goals:

- To provide students specific coursework needed for state licensure

Prerequisites for Major Courses

- Program Director approval
- Any applicable lower division prerequisite courses

Program Outline

To receive a Certificate in Accounting, students must earn 30.0 credit hours of upper division courses from the list of courses provided. Program requirements are as follows:

*****Courses with an ACG or TAX prefix must be completed with a grade of "C" or higher

NOTE: All lower division major and general education courses should be successfully completed before upper division courses are undertaken.

Upper Division Accounting and Tax Courses

ACG4101*****	Intermediate Accounting I	3.0 credit hours
ACG4111*****	Intermediate Accounting II	3.0 credit hours
ACG 4134*	Accounting Theory and Concepts	3.0 credit hours
ACG4201*	Advanced Accounting ~~III~~	3.0 credit hours
ACG 4253*	International Financial Reports	3.0 credit hours
ACG4342*	Advanced Managerial/Cost Accounting	3.0 credit hours
ACG4401*	Accounting Information Systems	3.0 credit hours
ACG4501*	Governmental and Institutional Accounting	3.0 credit hours
ACG4651*	Auditing I	3.0 credit hours
ACG4671*	Auditing II	3.0 credit hours
ACG4682*	Fraud Examination	3.0 credit hours
ACG4833*	Ethical Issues in Accounting	3.0 credit hours
TAX4001*	Income Tax Accounting	3.0 credit hours
TAX4011*	Corporate, Business and Trust Tax	3.0 credit hours

Upper Division Other Courses

BUL3130	Legal and Ethical Environment of Business	3.0 credit hours
CGS3300	Management Information Systems	3.0 credit hours
ECO4223	Money and Banking	3.0 credit hours
FIN3400	Principles of Managerial Finance	3.0 credit hours
MAN3025	Introduction to Management and Organizational Behavior	3.0 credit hours
MAN3504	Operations Management	3.0 credit hours
MAN3611	Cross Cultural Management	3.0 credit hours
MAN4583	Project Management	3.0 credit hours
MAN4602	International Business	3.0 credit hours
MAR4804	Marketing Strategy	3.0 credit hours
MAR4841	Service Marketing	3.0 credit hours
MNA4404	Management Law and Employee Relations	3.0 credit hours
QMB3200	Quantitative Approach to Business Decisions	3.0 credit hours
STA3163	Intermediate Statistics	3.0 credit hours

PAGE 286, COURSE DESCRIPTIONS, MS INFORMATION SECURITY

Replace this section with the following:

INFORMATION SECURITY

Master of Science Degree

Major Course Requirements

ISS500 (3.0 credit hours)

Operating Systems and Application Support

This introductory course is designed to provide students with a brief historical perspective of the evolution of operating systems over the last fifty years, and then cover the major components common to most operating systems today including application support in distributed systems. Particular emphasis will be given to three major OS subsystems: process management (processes, threads, CPU scheduling, synchronization, and deadlock), memory management (segmentation, paging, swapping), and file systems. (Program co-requisite course)

ISS510 (3.0 credit hours)

Enterprise Information Systems and Networks

This course provides a set of latest approaches in designing IT infrastructures aligning them with enterprise business activities at the architectural level, including business architecture, information architecture, solution architecture, and technology architecture. Topics include: virtualization, OSI model. TCP/IP, IPv4, IPv6, modeling techniques used to represent logical and conceptual web enabled information system designs, access mechanisms, storage pools, encryption and data protection and various networking technologies in LANs/MANs/WANs. Co-requisite**:** ISS500

ISS520 (3.0 credit hours)

Database Systems and Security

This course is designed to provide students with an understanding of database management system fundamentals, data models, design, implementation and processing. Topics include the relational model and languages, database analysis and design, distributed systems, storage structures, data definition languages, and data manipulation languages for the relational approach to database management. Co-requisite: ISS500

ISS640 (3.0 credit hours)

Cryptography

This course provides a comprehensive discussion on the various cryptographic methods employed to maintain the confidentiality, integrity and availability of data. Topics include pseudorandom functions and permutations, block ciphers, symmetric encryption schemes, security of symmetric encryption schemes, hash functions, message authentication codes (MACs), PKI, public-key (asymmetric) encryption, digital signatures, security of asymmetric encryption and digital signature schemes. Co-requisite: ISS500

ISS550 (3.0 credit hours)

Software Engineering

This course is designed to teach students about formal software engineering principles and practices required for the development of information systems, application software and embedded systems. Topics include: structured and object-oriented analysis,

design and implementation of information systems; distributed information systems; information system life-cycle models, platforms and security. Prerequisite: ISS500

ISS655 (3.0 credit hours)
Global E-Commerce and Privacy Assurance
This course is designed to summarize the concepts of corporate E-Commerce systems on the Internet and mechanisms used to ensure privacy. Students will evaluate the ethical challenges faced by individuals and organizations in the application of information assurance and the dynamic state of the law as it applies to behavior in cyberspace. Topics include: History of E-Commerce, E-Commerce business models, Internet Technologies, Online payment systems and E-Commerce security. Prerequisites ISS500, ISS510

ISS670 (3.0 credit hours)
Advanced Network Security
This course involves analysis and design of network security hardware/software defense techniques and countermeasures. Topics include protocol vulnerabilities, network defense techniques such as designing firewall systems, content filters, network appliances, tunneling, network access models, biometrics, TCP/IP security in IPv4 and IPv6, protocol analyzers, sniffers, penetration testing and layered perimeter security designs. Prerequisites: ISS500, ISS510

ISS675 (3.0 credit hours)
Survey of Computer Languages
This course is designed to teach students about the formal, functional, and practical issues of design and implementation of imperative, functional, and declarative languages. The course will touch on a wide variety of languages, both past and present, with an emphasis on modern imperative languages, such as C++, Java and C#. Prerequisites ISS500, ISS510

ISS680 (3.0 credit hours)
Intrusion Detection and Prevention Systems
This course focuses on the use of intrusion detection (IDS) and prevention (IPS) systems as formal defense strategies to detect, study, and protect enterprise networks. Topics include: history and state of the art of intrusion detection, the principles and techniques of intrusion detection, anomaly and misuse detection for both host and network environments, network forensics, malware defense, security polices and legal issues surrounding the use of intrusion detection. Prerequisites: ISS500, ISS510

ISS685 (3.0 credit hours)
E-Discovery, Network and Computer Forensics
This course focuses on the developing issues, rules and practices involving the application of e-discovery, digital evidence and computer forensics in recovering and preserving potential digital evidence. Students will compile evidence utilizing various tools and methodologies used in the examination of computer and electronic corporate records. Topics include: fundamentals of computer and network forensics, forensic duplication and analysis, reconstruction of computer activities, forensics tools, and investigating cyber-based crimes. Prerequisites ISS500, ISS510

ISS690 (3.0 credit hours)
Capstone project in Information Security
This course integrates all of the knowledge acquired in the previous courses and serves as a capstone in information security. The class utilizes case studies, project management strategies, application development and information system assessment to design a secure information system infrastructure. Prerequisites: Taken in the last term of enrollment

ISS695 (3.0 credit hours)
Risk Analysis and Vulnerability Assessment
This course prepares students to schematize the issues surrounding the vulnerabilities and risks inherent in the operation of information systems. Students will learn how to use a risk analysis matrix for performing both quantitative and qualitative risk analysis in an enterprise information system. Topics include: developing incident response teams, creating disaster recovery and incident response procedures, business continuity planning and mitigating data loss. Prerequisites ISS500, ISS510

PAGE 291, COURSE DESCRIPTIONS, MS MANAGEMENT

Replace this section with the following:

MANAGEMENT
Master of Science Degree

Major Course Requirements

MAN562 (3.0 credit hours)

Business Information Systems

Case based analysis of a broad range of managerial as well as technical issues. Topics include technology, information systems high-level architecture, competitive advantage of information technology, software, information flow within organizations, electronic commerce systems, leadership decision support systems, ethical and legal aspects of IS, and successful development of business solutions. Co-requisite: MAN571

MAN571 (3.0 credit hours)

Organizational Behavior

Students focus on three factors that contribute to successful organizational performance: individual behavior, group/team behavior and organization-wide processes. Topics include ethics, diversity, communication, motivation, leadership, conflict management and organizational culture, structure and change. Learning activities emphasize practical application of organizational theory. Program Co-requisite

MAN573 (3.0 credit hours)

Project Management

This course provides a deep understanding of project management processes, behavioral and technical tools for effective planning, scheduling, controlling projects activities, managing and implementing projects. Students learn applications and how to develop a project through several stages of implementation and how to manage projects in modern organizations. Some of the key areas include the Critical Path Method (CPM), Program Evaluation and Review Technique (PERT), Gantt Charting, and communication processes as they apply to operational and service activities in today's modern business and management operations. Co-requisite: MAN571

MAN574 (3.0 credit hours)

Managerial Communications

Students will enhance their professional management communications skills through reading, writing, and practicing their oral and written presentation skills. Students will explore communications strategies and techniques for communicating using traditional methods and emerging methods. Co-requisite: MAN571

MAN 583 (3.0 credit hours)

Strategic Planning and Implementation

Students learn how to evaluate the business environment, assess an organization's strengths, capabilities, and decide on competing strategies to implement for the organization. Students also acquire the skills to conduct business planning, organizational analysis, comparing an organization's internal capabilities with the external opportunities and threats, building on organizational strengths, exploiting opportunities, minimizing weaknesses and avoiding environmental threats. Along with decision-making process that formulates strategic plans, acquiring and allocating resources, and applying strategic control to ensure that the plans are carried out with goals and objectives achieved. Co-requisite: MAN571

MAN671 (3.0 credit hours)

Leadership Development

Students develop leadership competencies by examining the behaviors, skills and styles of effective leaders and use them as benchmarks to assess their own strengths and needs for improvement. Topics include participative leadership, coaching and empowerment; power and influence strategies; contingency models of leadership and innovation-oriented leadership. Personal leadership action plans are used to document transition to desired behaviors. Co-requisite: MAN571

MAN672 (3.0 credit hours)

Human Resources Management

Students learn to create competitive advantage by maximizing employee effectiveness and efficiency. Leadership involves attracting, selecting and retaining exceptional job candidates; training and developing employees to meet current and future organizational needs; managing and improving performance; and building high-performance work teams. Research requires analysis and resolution of human resource challenges facing today’s organizations. Co-requisite: MAN571

MAN673 (3.0 credit hours)

Organizational Change

Students apply organizational change theory to complex organizational issues. Leaders must be able to create a vision for change, diagnose organizational problems, implement organizational redesign and cultural change, and measure effectiveness. Case studies emphasize the need to manage resistance to change and reinforce new behaviors. Co-requisite: MAN571

MAN 674 (3.0 credit hours)

Global Human Resources Management
Students learn to create best practices in the global human resources field using effective leadership towards staffing operations in order to achieve sustainable global growth. The process of recruiting, selecting, training, and developing staff for global assignments is examined. A thorough understanding of global compensation, career issues, and global industrial relations is analyzed so that students could analyze world issues, laws, ethics, cultures and apply their skills to an effective global human resources management strategy. Co-requisite: MAN571

MAN 675 (3.0 credit hours)
Global Law and Employee Relations
The global law and employee relations course allows students to assess the impact of the legal and regulatory environment of global businesses ethics. Students will examine disparate legal systems; analyze the impact of cross-cultural businesses, and survey protocols in global leadership. Students will demonstrate knowledge of employment law and its impact on global firms and analyze, assess, and evaluate health, reward, and compensation systems in global organizations. Co-requisite: MAN571

MAN 690 (3.0 credit hours)
Program Capstone
Serving as the capstone course for the Master of Science in Management program, this course addresses emerging management topics and serves as an integration mechanism for the curriculum by integrating leadership skills, strategic planning and implementation skills, the human resources aspect of management, managerial communication and the ability to develop other leaders within the organization and implement change effectively. Taken in the last term of enrollment.

PAGE 306, COURSE DESCRIPTIONS, GRADUATE CERTIFICATES

GRADUATE CERTIFICATES

HEALTH SERVICES MANAGEMENT
Graduate Business Certificate

Course Requirements

MAN571 (3.0 credit hours)
Organizational Behavior
Students focus on three factors that contribute to successful organizational performance: individual behavior, group/team behavior and organization-wide processes. Topics include ethics, diversity, communication, motivation, leadership, conflict management and organizational culture, structure and change. Learning activities emphasize practical application of organizational theory.

MKT531 (3.0 credit hours)
Marketing Management
Students gain the knowledge and skills necessary to understanding the critical role of marketing in successful organizations. Topics include segmentation analysis, target markets, positioning, marketing mix elements, supply chain, marketing communication and pricing. Co-requisite: MAN571

MAN672 (3.0 credit hours)
Human Resources Management
Students learn to create competitive advantage by maximizing employee effectiveness and efficiency. Leadership involves attracting, selecting and retaining exceptional job candidates; training and developing employees to meet current and future organizational needs; managing and improving performance; and building high-performance work teams. Research requires analysis and resolution of human resource challenges facing today's organizations. Prerequisites: MAN571

HSM 691 (3.0 credit hours)
Quality Management in Healthcare
This course provides the student an overview of the theory, principles and techniques of quality management in healthcare settings. Topics include but are not limited to quality assurance, quality improvement, outcomes assessment, and tools commonly used to enhance quality of service and care in the healthcare industry. Prerequisites: MAN571

HSM692 (3.0 credit hours)
Strategic Management of Health Services Organizations

Students integrate concepts learned in core and concentration courses with relevant professional and personal experience and apply this knowledge to a significant, real-world, leadership-related business challenge. The focus of the course will be on the role and function of strategic planning as it pertains to health care organizations. Students will scrutinize strategic plans and organizational strategies in relation to the complexity of the United States healthcare system. Must be taken after core courses are completed or concurrently with last core course. Prerequisites: MAN571

HSM693 (3.0 credit hours)

Corporate Compliance in Healthcare

This course provides the student the basic structure of a corporate compliance program including laws and penalties surrounding compliance and monitoring/auditing practices. The course will identify areas of concern and risk for various healthcare settings. Must be taken after core courses are completed or concurrently with last core course. Prerequisites: MAN571

MANAGEMENT AND LEADERSHIP

Graduate Business Certificate

Course Requirements

MAN571 (3.0 credit hours)

Organizational Behavior

Students focus on three factors that contribute to successful organizational performance: individual behavior, group/team behavior and organization-wide processes. Topics include ethics, diversity, communication, motivation, leadership, conflict management and organizational culture, structure and change. Learning activities emphasize practical application of organizational theory.

MAN551 (3.0 credit hours)

International Business

Students learn key aspects of the international business environment and their impact on creating opportunities and challenges for business. Topics include theories, institutions, conventions and agreements affecting international business, as well as effective strategies for improving business performance in the global market. Practical experience is gained through the analysis of real-world cases and projects. Co-requisite: MAN571

MAN574 (3.0 credit hours)

Managerial Communications

Students will enhance their professional management communications skills through reading, writing, and practicing their oral and written presentation skills. Students will explore communications strategies and techniques for communicating using traditional methods and emerging methods. Co-requisite: MAN571

MAN671 (3.0 credit hours)

Leadership Development

Students develop leadership competencies by examining the behaviors, skills and styles of effective leaders and use them as benchmarks to assess their own strengths and needs for improvement. Topics include participative leadership, coaching and empowerment; power and influence strategies; contingency models of leadership and innovation-oriented leadership. Personal leadership action plans are used to document transition to desired behaviors. Prerequisites: MAN571

MAN672 (3.0 credit hours)

Human Resources Management

Students learn to create competitive advantage by maximizing employee effectiveness and efficiency. Leadership involves attracting, selecting and retaining exceptional job candidates; training and developing employees to meet current and future organizational needs; managing and improving performance; and building high-performance work teams. Research requires analysis and resolution of human resource challenges facing today's organizations. Prerequisites: MAN571

MAN673 (3.0 credit hours)

Organizational Change

Students apply organizational change theory to complex organizational issues. Leaders must be able to create a vision for change, diagnose organizational problems, implement organizational redesign and cultural change, and measure effectiveness. Case studies emphasize the need to manage resistance to change and reinforce new behaviors. Prerequisites: MAN571

CAREER COLLEGE ADMINISTRATION

Graduate Education Certificate

Course Requirements

EDU552 (3.0 credit hours)

Personnel Selection and Development

This course is an advanced study of the knowledge and skills essential for exercising effective leadership in school personnel recruitment, selection, orientation, assessment, and professional development. Educational human resource management models, theories, and practices are considered.

EDU553 (3.0 credit hours)

EDU560 (3.0 credits)

Enrollment Management Theory and Practice

Enrollment management is an advanced study of enrollment processes and how they fit into the college and university system. This course provides a strong understanding of the enrollment process, federal and legislative issues, new student orientation, and customer relationship management. Issues in team building, personnel motivation, and training an admissions staff are explored.

EDU562 (3.0 credits)

Higher Education Marketing and Recruitment

This course analyzes and assesses marketing strategies in higher education including the principles and practices of marketing and recruitment. Topics include: developing effective advertising, placing media, assessing results, successful online marketing strategies, web site design, and educational delivery formats. Students will develop and evaluate a marketing plan for a college or university.

EDU563 (3.0 credits)

Managing Campus Operations

This course is a detailed overview of key areas affecting campus operations. Operations management is assessed with emphasis on developing a campus master plan for strategic planning, campus safety, facilities, student funding, internal audits, regulatory issues, institutional self-studies, and accreditation requirements.

EDU565 (3.0 credits)

Student Retention and Management

An in depth study of practices that increase student persistence and retention. College management practices including timely intervention, building affiliations, student success strategies, motivating students, retention best practices, and methods for instructors to increase student persistence are analyzed. Student services requirements and best practices are assessed.

MAN573 (3.0 credit hours)

Project Management

This course provides a deep understanding of project management processes, behavioral and technical tools for effective planning, scheduling, controlling projects activities, managing and implementing projects. Students learn applications and how to develop a project through several stages of implementation and how to manage projects in modern organizations. Some of the key areas include the Critical Path Method (CPM), Program Evaluation and Review Technique (PERT), Gantt Charting, and communication processes as they apply to operational and service activities in today's modern business and management operations.

PAGE 306, COURSE DESCRIPTIONS, BA ACCOUNTING

Replace this section with the following:

ACCOUNTING

Bachelor of Arts Degree
Major Course Requirements

ACG1001 (3.0 credit hours)

Accounting Principles I

Defines objectives of accounting and their relationship to business through fundamental concepts and principles. Topics include theories of debits and credits, classification of accounts, journalizing, preparation of financial statements and the use of a trial balance. Accrual method accounting procedures are discussed with end-of-year procedures and financial statements.

ACG2011 (3.0 credit hours)

Accounting Principles II

Presents accounting principles and concepts applicable to receivables, fixed assets, payroll, cash flow, financial analysis and accounting for partnerships and corporations. Prerequisite: ACG1001

ACG2062 (3.0 credit hours)

Accounting Information for Business Decisions

Identifies how accounting information is used in making business decisions. Students enhance computer skills using software programs to solve accounting problems. Prerequisite: ACG2011

ACG2091 (3.0 credit hours)

Integrated Accounting

This course is an introduction to the integration of traditional accounting concepts with computerized accounting procedures. Software will be used to complete an accounting cycle for both a service and merchandising business. Topics include: journal entries, accounts receivable, accounts payable, financial statements along with fixed assets and payroll transactions**..**
Prerequisite: ACG2011

ACG4101 (3.0 credit hours)

Intermediate Accounting I

Underlying concepts and ethical, regulatory and business environment of financial reporting with an emphasis on measurement, valuation and presentation of typical asset-related items. Prerequisite: all lower division accounting and tax courses

ACG4111 (3.0 credit hours)

Intermediate Accounting II

Presents underlying concepts and ethical, regulatory and business environments of financial reporting. Topics include an emphasis on measurement, valuation and presentation of typical liability and equity-related items. Prerequisite: ACG4101

ACG4201 (3.0 credit hours)

Advanced Accounting

Presents underlying concepts and ethical, regulatory and business environment of financial reporting with emphasis on accounting for various business structures and business combinations. Prerequisite: ACG4111

ACG 4253 (3.0 credit hours)

International Financial Reporting

The course expands upon the conceptual framework for the preparation and presentation of financial statements and looks at the differences between current US GAAP and IFRS. This course will also discuss international ethical conduct as it relates to accounting. Prerequisite: ACG4201

ACG4342 (3.0 credit hours)

Advanced Managerial/Cost Accounting

Discusses the determination and control of production costs, job order and process systems, actual and standard costs, budgetary control, performance measurement, ethics and short-run decision models. Prerequisite: ACG4111

ACG4401 (3.0 credit hours)

Accounting Information Systems

Introduces the study of concepts and terminology of accounting information systems and their use in decision making in accounting and auditing. The course also covers Information Technology (IT) fundamentals, responsibilities and business implications. Prerequisite: ACG 4671

ACG4501 (3.0 credit hours)

Governmental and Institutional Accounting

Presents budgeting, accounting and reporting standards and practices for government and other not-for-profit entities. Prerequisite: ACG 4111

ACG4651 (3.0 credit hours)

Auditing I

Standards and procedures of auditing financial information, ethics and responsibilities of auditors, planning, collection and documentation of audit evidence, reporting and auditing standards Prerequisite: ACG4111

ACG4671 (3.0 credit hours)
Auditing II
This course covers the application of the audit process learned in Auditing I. The course also provides detail on sampling and audit communications. Prerequisite: ACG4651

BUL1240 (3.0 credit hours)
Business Law
Presents fundamental principles of law applicable to business transactions. Topics include contracts, sales contracts (UCC Codes), government regulations, commercial paper, property bailments, agency, debtor-creditor relations, real property and insurance.

BUL3130 (3.0 credit hours)
Legal and Ethical Environment of Business
Presents principles of law and ethics that arise in the business environment. Topics include the Federal Corrupt Practices Act, product liability, street crime vs. white collar crime, government regulation of financial institutions, at-will employment and employer/employee relationships, agency and principals, employee safety and fiduciary duty.

ECO4223 (3.0 credit hours)
Money and Banking
A general survey of the economics of money and banking covering the evaluation, nature, and functions of money, the nature of banking and its regulation; monetary standards; structure and functions of the Federal Reserve System; monetary policy, monetary theory and the price level; and the role of banking and money in international finance.

FIN2001 (3.0 credit hours)
Financial Management
Examines corporate finances through organizational structure, practices and policies. Topics include ratio analysis, leverage, cash budgeting, capital structure, NPV, the CAPM, valuation concepts and analysis of financial statements. Prerequisite: ACG2011

FIN3400 (3.0 credit hours)
Principles of Managerial Finance
Presents an introductory overview of the world of corporate financial management with emphasis on the time value of money and the requisite net present value adjustment for the cost of capital and/or judging future returns on investment. This perspective then leads to risk analysis, capital budgeting, cost of capital and financial management. Prerequisite: FIN2001

MAN3025 (3.0 credit hours)
Introduction to Management and Organizational Behavior
Introduces managerial principles including planning, organizing, staffing, leadership and control techniques. A behavioral science formulation of individual needs, motivation and group processes is utilized.

MAN4583 (3.0 credit hours)
Project Management
Emphasizes the importance of project management and teaches students to differentiate between product and project management. Topics include roles and responsibilities of a project manager, project environment and developing a quality project team, five steps of a project, construction of a network diagram and mathematical analysis techniques such as CPM and PERT.

MAR1011 (3.0 credit hours)
Introduction to Marketing
Discusses the principles and functions of marketing and its role in a business environment. Utilization of guiding principles of relationship building to establish and maintain trust and confidence in a firm's products and/or services is taught.

MNA4404 (3.0 credit hours)
Management Law and Employee Relations
Discusses federal and state regulations dealing with employment. Topics include wage and hour laws, EEO and affirmative action.

QMB3200 (3.0 credit hours)

Quantitative Approach to Business Decisions
The application of quantitative techniques has added greatly to the depth and the accuracy of critical business decisions in today's complex business environment. This course, coming toward the end of the student's matriculation through the program, is designed to merge the student's acquired qualitative and quantitative skills to address simulated business decision-making applications, utilizing electronic technology and software tools to frame the factors into a spreadsheet format of pragmatic data for quantitative processing and decision-making analysis. Prerequisite: STA3060 or STA 3163

TAX2004 (3.0 credit hours)
Principles of Taxation
Presents an overview of preparation of federal income tax returns emphasizing individual income taxes. Topics include preparation of schedules and forms, review of tax publications and use of the Internal Revenue Service website. Prerequisite: ACG2011

TAX4001 (3.0 credit hours)
Income Tax Accounting
Surveys federal income taxation with emphasis on taxation of individuals and the ethics of income tax accounting. Prerequisite: ACG4111

General Education Requirements
See specific Lower and Upper Division general education requirements for a Bachelor of Arts degree in Accounting in the Program Descriptions section of this catalog.

PAGE 326, COURSE DESCRIPTIONS, BA POLITICAL SCIENCE

Insert the following before BA Psychology:

POLITICAL SCIENCE
Bachelor of Arts Degree

Major Course Requirements

CPO2002 (3.0 credit hours)
Introduction to Comparative Government and Politics
Addresses governmental institutions and current political parties. Topics include a survey of developmental and historical perspectives that shape political systems and an analysis of factors that influence actions of various political forces. Prerequisite: POS1041

CPO2030 (3.0 credit hours)
Politics of the Developing World
Introduces the student to the politics of the developing world by analyzing the historical, cultural, economic, and political structures that characterize the developing world. Prerequisite: CPO2002, POS1041

DSC1011 (3.0 credit hours)
Domestic and International Terrorism
Explores terrorist activities in the United States and around the world, such as the 9/11 attack, aviation security practices, homeland security and the ongoing war on terrorism. The course discusses theories of expert analysts while focusing on the domestic and international threat of terrorism and the basic security issues surrounding terrorism.

ECO4701 (3.0 credit hours)
The World Economy
Provides a broad overview of the international economy in historical perspective, with emphasis on economic demography, trade flow capital movements, diffusion of technology, and the emergence of transnational institutions. Prerequisite: ECO2013

HIS3319 (3.0 credit hours)
History of Civil Rights and Civil Liberties
Examines the history of civil rights and civil liberties in the United States from the origins of the Western political tradition to current issues. Discusses the origins of rights and liberties with particular focus on Athens, Rome, England, and the Enlightenment. Explores the development of civil rights and liberties in the American tradition, with particular focus on the colonial period and Revolution, the Constitution, the Civil War, Reconstruction and Jim Crow. Includes the progress of civil

rights and liberties in the twentieth and twenty-first centuries, including the Civil Rights Movement, the War on Poverty, and the post-9/11 era.

INR2001 (3.0 credit hours)
International Relations
Examines International Relations by defining and exploring the role of the nation-state, international organizations, and transnational organizations (criminal, non-governmental, environmental, and religious). The course examines the new international order in terms of war, globalization, trade, the North-South divide, the world economy, the environment, and political theories of realism and idealism. Prerequisite: POS1041

INR2109 (3.0 credit hours)
US Latin American Relations
Introduces the student to the politics of Latin America and explores the diplomatic relations between the United States and Latin America. Historical, political, and social factors are considered for understanding the region. Prerequisite: CPO2002, INR2001, POS1041

INR3274 (3.0 credit hours)
Middle East Foreign Policy
Addresses the developments in the international politics of the Middle East. Explores the region's impact on the relations of major powers and discusses the role of oil in the region.

PAD3034 (3.0 credit hours)
Public Policy
Examines the political-administrative dimensions of government policy making at the federal, state, and local levels in addition to the problems of political interests, values, and objectives in public administration.

PAD4204 (3.0 credit hours)
Public Finance
Covers methods of securing funds, the financial management in public organizations, federal budgetary innovations, and analysis of problems in the growth and development of public budgetary theory.

PLA1304 (3.0 credit hours)
Criminal Law
Focuses on the elements of offenses against persons, property and the public order. Topics include common defenses to criminal culpability (including insanity and involuntariness) and criminal liability as an accomplice or conspirator.

PLA4841 (3.0 credit hours)
Immigration Law
Provides a general knowledge of immigration law. Topics include grounds for exclusion, defenses to deportation, amnesty, naturalization and citizenship, criminal sanctions and visa applications.

PLA4880 (3.0 credit hours)
Constitutional Law
Examines federal constitutional law, focusing on the separation of powers and the concept of judicial review of executive and legislative action. Topics include the rights, privileges and immunities conveyed to citizens by the U.S. Constitution and the Bill of Rights.

POS1041 (3.0 credit hours)
Political Science
Addresses how America has evolved from an agrarian to a post-industrial society. Topics include the Constitution and its three branches of government.

POS3063 (3.0 credit hours)
Intergovernmental Relations
Interactions among federal, state, and local levels of government, policies and administrative structures and process at the various levels of government are studied.

POS3205 (3.0 credit hours)
Voting Behavior and Public Opinion

Reviews American political culture and forces that affect it. Political theory, political socialization, and political ideology are presented. The role of the media, the economy, and education are discussed.

POS3235 (3.0 credit hours)
Mass Media and Politics
Presents the influence of media on campaigns, public officials, and public opinion. Analysis of political news and the use of satire in politics are provided.

POS3274 (3.0 credit hours)
The Campaign Process
Addresses the theory and practice of electoral campaigns. Discusses the history of campaigning, the role of communication, the decline of political parties, the role of public opinion and the media, and campaign planning and strategy.

POS3413 (3.0 credit hours)
The American Presidency
Explores the central role of the American Presidency in the political process. Analyzes the powers of the presidency in modern history and presents the legislative, administrative, political, and foreign policy leadership of the President. Crisis management, decision-making, and limits on presidential power are discussed.

POS4035 (3.0 credit hours)
Environmental Politics
Examines the interactions between interest groups, advocacy groups, and political institutions in US environmental politics. Explores the international political problems related to environmental policy.

POS4142 (3.0 credit hours)
Urban Government Social Policy
Historical review of urbanization in America, the governmental and political structures as they function in urban areas, and the discussion of urban, social and political problems.

POT1003 (3.0 credit hours)
Introduction to Political Theory
Explores the theories used in political science for understanding political life. Analyzes the writings of major political theorists and the major issues that define the field of political theory. Prerequisite: POS1041

POT3044 (3.0 credit hours)
Great Political Thinkers
Studies selected political theorists from Machiavelli to Marx. The emphasis is on the ideas of authority and freedom, obligation and consent, and the social contract as expressed in the writings of Hobbes, Locke, and Rousseau.

POT3632 (3.0 credit hours)
Religion and Politics
Presents the institutional and individual role of religion and politics, including globalization, fundamentalism, and secularization.

PUP4052 (3.0 credit hours)
Issues in International Policy
Provides an overview of contemporary international issues and the knowledge necessary to engage in a detailed examination and constructive discussion of these issues. Three broad categories are explored: conflict/security/terrorism/transnational crime, globalization/international economy, and international human rights and justice.

PAGE 329, COURSE DESCRIPTIONS, BS BIOMEDICAL SCIENCES

Insert the following BEFORE BS Cyberforensics/Information Security:

BIOMEDICAL SCIENCES
Bachelor of Science Degree
Major Course Requirements

ENC3241 (3.0 credit hours)

Writing for the Technical Professional Course Description
This course is an introduction to rhetoric and professional writing for the technical professions. ENC 3241 will introduce students to persuasive strategies developing theoretical, ethical, and practical frameworks in producing texts for both technical and lay audiences. The course addresses the principles and procedures of technical writing, analyzing audience and purpose, organizing information, designing graphical aids and writing in specialized formats including correspondence and emails, instructions, proposals, and informal and formal reports. Prerequisite: ENC1101

MAC2147 (3.0 credit hours)
Pre-Calculus with Trigonometry
Presents Pre-Calculus and Trigonometry in a single course; primarily to prepare students to take Calculus, MAC 2311. Topics in Algebra include: polynomial, rational and other algebraic functions, their properties and graphs; polynomial and rational inequalities; exponential and logarithmic functions, their properties and graphs; conic sections, matrices and determinants; sequences and series; mathematical induction, binomial theorem and applications. Topics in trigonometry include: trigonometric functions, their properties and graphs; inverse trigonometric equations; solutions of triangles; vector algebra; parametric equations; polar coordinates; applications. Prerequisite: MAC2105

MAC2311 (3.0 credit hours)
Calculus
Introduces Calculus. Topics include limits and continuity, the derivative, differentiation of algebraic and transcendental functions, the mean-value and intermediate value theorem, extrema and graph sketching, areas under curves, the definite integral, antidifferentiation, and The Fundamental Theorem of Calculus. The utility of these key concepts is demonstrated through select applications. Prerequisite: MAC2147

NATURAL SCIENCES:

BSC2010 (3.0 credit hours)
Biology I
This course is designed for science majors and serves to introduce the student to a broad range of biological concepts and terminology. Topics covered in the course include: the organization of the living world, the requirements of life, the scientific method, aspects of general and biological chemistry, cell structure and function, energy acquisition and utilization, the cell cycle, mitosis, meiosis, mendelian genetics, genetic defects, chromosomes, DNA structure and replication, protein synthesis, the genetic code, and mechanisms of gene control, and current topics in molecular biology and molecular technology.

BSC2010L (1.0 credit hour)
Biology I Laboratory
This course is to be taken in conjunction with BSC2010. This course is designed to explore the organization of the living world through inquiry-based laboratory scenarios. Students will build upon concepts discussed in the corresponding lecture.
Corequisite: BSC2010

BSC2011 (3.0 credit hours)
Biology II
This course is designed to explore the organization of the living world through inquiry-based laboratory scenarios. Students will build upon concepts discussed in the corresponding lecture.
Prerequisite: BSC2010

BSC2011L (1.0 credit hour)
Biology II Laboratory
This course is to be taken in conjunction with BSC2011. This course is designed to investigate the concepts of evolution and the diversity of life through inquiry-based laboratory scenarios. Students will build upon concepts discussed in the corresponding lecture.

CHM2045 (3.0 credit hours)
General Chemistry
Introduces chemical concepts, principles and applications. Topics include atomic structure, chemical bonding, states of matter, solutions, reaction rates and equilibrium, acids and bases and an introduction of organic chemistry.

CHM2045L (1.0 credit hour)
General Chemistry Laboratory
Consists of practical applications of principles and concepts presented in CHM2045 (General Chemistry).

CHM2046 (3.0 credit hours)

Advanced Chemistry

Surveys molecular structure, nomenclature and reactions of major classes of organic compounds. Topics include main categories of biological molecules and an overview of biochemical processes in living organisms, including digestion, biochemical energetics, molecular genetics and key biosynthetic pathways. Prerequisite: CHM2045

CHM2046L (1.0 credit hour)

Advanced Chemistry Lab

Consists of practical applications and topics presented in CHM2046 (Advanced Chemistry).

CHM 2210 (3.0 credit hours)

Organic Chemistry I

Study of structures, synthesis, and mechanism of reactions of different carbon compounds. Prerequisites: CHM 2045, CHM2045L, CHM 2046, CHM2046L

CHM 2210L (1.0 credit hour)

Organic Chemistry I Lab

This course is to be taken in conjunction with CHM2210. Various organic chemistry laboratory techniques will be explored Experiments will include but not limited to product synthesis, extractions, NMR, IR spectroscopy, thin-layer chromatography, distillation, crystallization, standard reactions, and qualitative analysis. Prerequisites: CHM2046

CHM 2211 (3.0 credit hours)

Organic Chemistry II

Study of structures, synthesis, and mechanism of reactions of different carbon compounds. Prerequisites: CHM2210, CHM 2010L

CHM 2211L (1.0 credit hour)

Organic Chemistry II Lab

This course is to be taken in conjunction with CHM2211. Various organic chemistry laboratory techniques will be explored Experiments will include but not limited to product synthesis, extractions, NMR, IR spectroscopy, thin-layer chromatography, distillation, crystallization, standard reactions, and qualitative analysis. Prerequisites: CHM2210, 2210L

MCB3020 (4.0 credit hours)

Microbiology

Presents both pathogens and non-pathogens and their interactions with humans.
Emphasis is on human diseases. Topics include microbial structure, physiology,
classification, epidemiology, pathogenesis, anti-infective agents, and the immune system.
Prerequisites: BSC 2010, BSC 2010L, CHM 2046, CHM 2046L, CHM2210, CHM2210L

MCB3020L (1.0 credit hour)

Microbiology Laboratory

This course is to be taken in conjunction with MCB3020. Consists of practical applications and concepts presented in MCB 3020 (Microbiology). Prerequisites: BSC 2010, BSC 2010L, CHM 2046, CHM 2046L, CHM2210, CHM2210L

PHY2053 (3.0 credit hours)

Physics I

The course, designed for those students who are majoring in bio-medical sciences, presents students to problem solving abilities in Physics. Subject matter includes mechanics, heat, and thermodynamics.

PHY2053L (1.0 credit hour)

Physics I Laboratory

Consists of practical applications of concepts and principles presented in PHY2053 (Physics I).

PHY2054 (3.0 credit hours)

Physics II

This course, a continuation of General Physics I, covers electricity, magnetism, light, waves (sound, light, and so forth), and some areas of modern physics. Laboratory work is similar to and a continuation of the laboratory in General Physics I. Prerequisites: PHY2053

PHY2054L (1.0 credit hour)
Physics II Laboratory
Consists of practical applications of concepts and principles presented in PHY2054 (Physics II).

BCH4053 (3.0 credit hours)
Biochemistry I
Presents a comprehensive overview of concepts in the field of biochemistry. Aspects of cell organization, biochemical reactions, structures, purification and characterization of proteins, enzymes, lipids, and nucleic acids will be explored. Prerequisite: CHM2211, CHM2211L

BCH4054 (3.0 credit hours)
Biochemistry II
Presents a comprehensive overview of concepts in the field of biochemistry. Aspects of metabolism, carbohydrates, energy storage, citric acid cycle, oxidative phosphorylation, lipid metabolism, photosynthesis, metabolisms of nitrogen and cellular signaling will be explored. Prerequisites: BCH4053, CHM2211, CHM2211L

BSC4458 (3.0 credit hours)
Bioinformatics
Presents a comprehensive overview of concepts in the field of bioinformatics. Aspects of genetic diseases, gene alignments, protein alignments, sequence assembly, gene prediction, RNA and protein structure, molecular phylogenetics, gene expression and Perl will be explored. Prerequisites: PCB3522

BSC3403C (4.0 credit hours)
Quantitative Biological Methods
This is a foundation course in statistical methodology. Introductory topics include: systematic sampling, the scientific method and design of experiments, descriptive statistics, basic probability concepts, probability distributions, estimation, hypothesis testing, analysis of variance, simple linear regression and correlation, multiple regression, regression analysis, and chi-square distribution and analysis of frequencies. Prerequisites: BSC2010, BSC2010L, MCB3020, MCB3020L, CHM2046, CHM2046L

MCB4312 (3.0 credit hours)
Molecular Biotechnology
Focuses on the principles, techniques, and applications of molecular biotechnology in genetically enhanced food and other products, cloning, gene therapy, transgenic animals, patents, and regulations. Prerequisite: MCB3020, MCB 3020L

MCB4414 (3.0 credit hours)
Microbial Metabolism
Presents concepts of microbial growth and acquisition of nutrients as well as the use of nutrients in energy transformations needed for creation of microbial cell structures. Intensive examinations of biochemical pathways used for synthesis of macromolecules essential for assembly of cell structures. Also intensive examination of microbial genetics as applied to anti-microbial resistance and other biotechnologies such as polymerase chain reactions (PCR). Prerequisites: BSC 2010C, MCB 3020, MCB 3020L

MCB4721C (4.0 credit hours)
Methods in Biotechnology
Focuses on the molecular concepts and laboratory methods applied in the biotechnology industry. Topics include detection principles, assay formats, instrumentation, and data analysis tools. The laboratory emphasizes basic principles and practice of hands-on methods and techniques, including the application of current instrumental approaches. Prerequisite: BSC3403C

PCB3044 (3.0 credit hours)
Principles of Ecology
This course is designed to explore the interactions between organisms (including humans) and their environment. Students should be proficient in biological terms. This course will cover the fundamental concepts that define the field of ecology through the concepts of natural selection, population and community ecology, biodiversity, and sustainability. Students will develop an "ecological literacy" about how the natural world works and develop an understanding of how scientific methods are used to construct ecological knowledge. Prerequisites: BSC 2010, BSC2010L, BSC2011, BSC2011L, CHM2045, CHM2045L

PCB3044L (1.0 credit hour)
Principles of Ecology Laboratory

This course is to be taken in conjunction with PCB3044. This course is designed to explore the interactions between organisms and their environment through inquiry-based virtual laboratory scenarios. Students will build upon concepts discussed in the corresponding lecture.

PCB3063 (3.0 credit hours)

Genetics

Presents a comprehensive overview of concepts in the field of genetics. Aspects of genes, genomes, genetic analysis, chromosomes, gene regulation, development, DNA repair, cancer and population genetics will be explored. Prerequisites: BSC2010, BSC2010L, CHM2046, CHM2046L

PCB3063L (1.0 credit hour)

Genetics Laboratory

To be taken in conjunction with PCB3063. Focuses on the laboratory methods employed in the field of genetics. Topics include genes, genomes, linkage, inheritance, mutations and population genetics. The laboratory emphasizes basic principles and practice of hands-on methods and techniques, including the application of current instrumental approaches. Prerequisites: BSC2010, BSC2010L, CHM2046, CHM2046L

PCB3522 (3.0 credit hours)

Molecular Biology

This course will present a comprehensive overview of concepts in the field of molecular biology. Aspects of chemical and molecular foundations, molecular genetics, genes, proteins, chromosome structure, viruses, molecular techniques and genetic analysis in molecular biology will be covered.
Prerequisites: CHM 2211, CHM2211L, MCB 3020, MCB3020L

PCB3023L (1.0 credit hour)

Molecular Cell Biology Lab

This course is to be taken in conjunction with PCB3522. The course will present a comprehensive overview of laboratory concepts in the field of molecular biology. An emphasis will be placed on nucleic acid and protein isolation, purification, characterization and quantification, DNA recombinant technologies, cloning, sequencing, and additional advanced techniques. Prerequisites: CHM 2211, CHM2211L, MCB 3020, MCB3020L

PCB4239 (3.0 credit hours)

Molecular Immunology

Presents a comprehensive overview of concepts in the field of molecular immunology. Aspects of the immune system, generation of B-cell and T-cell responses, immune effector mechanisms and immune system health and diseases will be explored. Prerequisites: PCB3522

PCB3233L (1.0 credit hour)

Immunology Lab

This course is to be taken in conjunction with PCB4239. Consists of practical applications and concepts presented in PCB4239 (Molecular Immunology). Prerequisites: PCB3522

PCB4524 (3.0 credit hours)

Molecular Biology II

Presents a comprehensive overview of concepts in the field of molecular biology. Aspects of DNA metabolism, damage, repair, recombination, transposons, RNA metabolism, gene regulation, RNA interference, and protein synthesis will be explored. Prerequisites: PCB3522, PCB3020L

ZOO4603C (4.0 credit hours)

Embryology and Developmental Biology

This course is designed to build upon the cellular basics covered in previous coursework. Students should be proficient in common biological terms. This course will cover the principles of developmental biology from fertilization to birth through representative model organisms. The fundamental concepts, principles, and mechanism of development will be covered through the topics of gene expression, embryogenesis, early embryonic development, late embryonic development, post embryonic development associated with senescence, and the ramifications and implications of developmental biology. Evolutionary associations as well as current important issues associated with developmental biology will also be covered. Prerequisites: PCB 2063, PCB 3063L, PCB3522

PAGE 329, COURSE DESCRIPTIONS, BS BIOTECHNOLOGY

Insert the following after the course descriptions for BS Biomedical Sciences:

BIOTECHNOLOGY

Bachelor of Science Degree

Major Course Requirements

ENC3241 (3.0 credit hours)

Writing for the Technical Professional

This course is an introduction to rhetoric and professional writing for the technical professions. ENC 3241 will introduce students to persuasive strategies developing theoretical, ethical, and practical frameworks in producing texts for both technical and lay audiences. The course addresses the principles and procedures of technical writing, analyzing audience and purpose, organizing information, designing graphical aids and writing in specialized formats including correspondence and emails, instructions, proposals, and informal and formal reports. Prerequisite: ENC1101

MAC2147 (3.0 credit hours)

Pre-Calculus with Trigonometry

Presents Pre-Calculus and Trigonometry in a single course; primarily to prepare students to take Calculus, MAC 2311. Topics in Algebra include: polynomial, rational and other algebraic functions, their properties and graphs; polynomial and rational inequalities; exponential and logarithmic functions, their properties and graphs; conic sections, matrices and determinants; sequences and series; mathematical induction, binomial theorem and applications. Topics in trigonometry include: trigonometric functions, their properties and graphs; inverse trigonometric equations; solutions of triangles; vector algebra; parametric equations; polar coordinates; applications. Prerequisite: MAC2105

MAC2311 (3.0 credit hours)

Calculus

Introduces Calculus. Topics include limits and continuity, the derivative, differentiation of algebraic and transcendental functions, the mean-value and intermediate value theorem, extrema and graph sketching, areas under curves, the definite integral, antidifferentiation, and The Fundamental Theorem of Calculus. The utility of these key concepts is demonstrated through select applications. Prerequisite: MAC2147

NATURAL SCIENCES:

BSC2010 (3.0 credit hours)

Biology I

This course is designed for science majors and serves to introduce the student to a broad range of biological concepts and terminology. Topics covered in the course include: the organization of the living world, the requirements of life, the scientific method, aspects of general and biological chemistry, cell structure and function, energy acquisition and utilization, the cell cycle, mitosis, meiosis, mendelian genetics, genetic defects, chromosomes, DNA structure and replication, protein synthesis, the genetic code, and mechanisms of gene control, and current topics in molecular biology and molecular technology.

BSC2010L (1.0 credit hour)

Biology I Laboratory

This course is to be taken in conjunction with BSC2010. This course is designed to explore the organization of the living world through inquiry-based laboratory scenarios. Students will build upon concepts discussed in the corresponding lecture.
Corequisite: BSC2010

BSC2011 (3.0 credit hours)

Biology II

This course is designed to explore the organization of the living world through inquiry-based laboratory scenarios. Students will build upon concepts discussed in the corresponding lecture.
Prerequisite: BSC2010

BSC2011L (1.0 credit hour)

Biology II Laboratory

This course is to be taken in conjunction with BSC2011. This course is designed to investigate the concepts of evolution and the diversity of life through inquiry-based laboratory scenarios. Students will build upon concepts discussed in the corresponding lecture.

CHM2045 (3.0 credit hours)

General Chemistry

Introduces chemical concepts, principles and applications. Topics include atomic structure, chemical bonding, states of matter, solutions, reaction rates and equilibrium, acids and bases and an introduction of organic chemistry.

CHM2045L (1.0 credit hour)

General Chemistry Laboratory

Consists of practical applications of principles and concepts presented in CHM2045 (General Chemistry).

CHM2046 (3.0 credit hours)

Advanced Chemistry

Surveys molecular structure, nomenclature and reactions of major classes of organic compounds. Topics include main categories of biological molecules and an overview of biochemical processes in living organisms, including digestion, biochemical energetics, molecular genetics and key biosynthetic pathways. Prerequisite: CHM2045

CHM2046L (1.0 credit hour)

Advanced Chemistry Lab

Consists of practical applications and topics presented in CHM2046 (Advanced Chemistry).

CHM 2210 (3.0 credit hours)

Organic Chemistry I

Study of structures, synthesis, and mechanism of reactions of different carbon compounds. Prerequisites: CHM 2045, CHM2045L, CHM 2046, CHM2046L

CHM 2210L (1.0 credit hour)

Organic Chemistry I Lab

This course is to be taken in conjunction with CHM2210. Various organic chemistry laboratory techniques will be explored Experiments will include but not limited to product synthesis, extractions, NMR, IR spectroscopy, thin-layer chromatography, distillation, crystallization, standard reactions, and qualitative analysis. Prerequisites: CHM2046

CHM 2211 (3.0 credit hours)

Organic Chemistry II

Study of structures, synthesis, and mechanism of reactions of different carbon compounds. Prerequisites: CHM2210, CHM 2010L

CHM 2211L (1.0 credit hour)

Organic Chemistry II Lab

This course is to be taken in conjunction with CHM2211. Various organic chemistry laboratory techniques will be explored Experiments will include but not limited to product synthesis, extractions, NMR, IR spectroscopy, thin-layer chromatography, distillation, crystallization, standard reactions, and qualitative analysis. Prerequisites: CHM2210, 2210L

MCB3020 (4.0 credit hours)

Microbiology

Presents both pathogens and non-pathogens and their interactions with humans.
Emphasis is on human diseases. Topics include microbial structure, physiology,
classification, epidemiology, pathogenesis, anti-infective agents, and the immune system.
Prerequisites: BSC 2010, BSC 2010L, CHM 2046, CHM 2046L, CHM2210, CHM2210L

MCB3020L (1.0 credit hour)

Microbiology Laboratory

This course is to be taken in conjunction with MCB3020. Consists of practical applications and concepts presented in MCB 3020 (Microbiology). Prerequisites: BSC 2010, BSC 2010L, CHM 2046, CHM 2046L, CHM2210, CHM2210L

PHY2053 (3.0 credit hours)

Physics I

The course, designed for those students who are majoring in bio-medical sciences, presents students to problem solving abilities in Physics. Subject matter includes mechanics, heat, and thermodynamics.

PHY2053 (1.0 credit hour)

Physics I Laboratory

Consists of practical applications of concepts and principles presented in PHY2053 (Physics I).

PHY2054 (3.0 credit hours)

Physics II

This course, a continuation of General Physics I, covers electricity, magnetism, light, waves (sound, light, and so forth), and some areas of modern physics. Laboratory work is similar to and a continuation of the laboratory in General Physics I. Prerequisites: PHY2053

PHY2054 (1.0 credit hour)

Physics II Laboratory

Consists of practical applications of concepts and principles presented in PHY2054 (Physics II).

BCH4053 (3.0 credit hours)

Biochemistry I

Presents a comprehensive overview of concepts in the field of biochemistry. Aspects of cell organization, biochemical reactions, structures, purification and characterization of proteins, enzymes, lipids, and nucleic acids will be explored. Prerequisite: CHM2211, CHM2211L

BCH4054 (3.0 credit hours)

Biochemistry II

Presents a comprehensive overview of concepts in the field of biochemistry. Aspects of metabolism, carbohydrates, energy storage, citric acid cycle, oxidative phosphorylation, lipid metabolism, photosynthesis, metabolisms of nitrogen and cellular signaling will be explored. Prerequisites: BCH4053, CHM2211, CHM2211L

BSC4458 (3.0 credit hours)

Bioinformatics

Presents a comprehensive overview of concepts in the field of bioinformatics. Aspects of genetic diseases, gene alignments, protein alignments, sequence assembly, gene prediction, RNA and protein structure, molecular phylogenetics, gene expression and Perl will be explored. Prerequisites: PCB3522

BSC3403C (4.0 credit hours)

Quantitative Biological Methods

This is a foundation course in statistical methodology. Introductory topics include: systematic sampling, the scientific method and design of experiments, descriptive statistics, basic probability concepts, probability distributions, estimation, hypothesis testing, analysis of variance, simple linear regression and correlation, multiple regression, regression analysis, and chi-square distribution and analysis of frequencies. Prerequisites: BSC2010, BSC2010L, MCB3020, MCB3020L, CHM2046, CHM2046L

MCB4312 (3.0 credit hours)

Molecular Biotechnology

Focuses on the principles, techniques, and applications of molecular biotechnology in genetically enhanced food and other products, cloning, gene therapy, transgenic animals, patents, and regulations. Prerequisite: MCB3020, MCB 3020L

MCB4414 (3.0 credit hours)

Microbial Metabolism

Presents concepts of microbial growth and acquisition of nutrients as well as the use of nutrients in energy transformations needed for creation of microbial cell structures. Intensive examinations of biochemical pathways used for synthesis of macromolecules essential for assembly of cell structures. Also intensive examination of microbial genetics as applied to anti-microbial resistance and other biotechnologies such as polymerase chain reactions (PCR). Prerequisites: BSC 2010C, MCB 3020, MCB 3020L

MCB4721C (4.0 credit hours)

Methods in Biotechnology

Focuses on the molecular concepts and laboratory methods applied in the biotechnology industry. Topics include detection principles, assay formats, instrumentation, and data analysis tools. The laboratory emphasizes basic principles and practice of hands-on methods and techniques, including the application of current instrumental approaches. Prerequisite: BSC3403C

PCB3063 (3.0 credit hours)

Genetics
Presents a comprehensive overview of concepts in the field of genetics. Aspects of genes, genomes, genetic analysis, chromosomes, gene regulation, development, DNA repair, cancer and population genetics will be explored. Prerequisites: BSC2010, BSC2010L, CHM2046, CHM2046L

PCB3063L (1.0 credit hour)
Genetics Laboratory
To be taken in conjunction with PCB3063. Focuses on the laboratory methods employed in the field of genetics. Topics include genes, genomes, linkage, inheritance, mutations and population genetics. The laboratory emphasizes basic principles and practice of hands-on methods and techniques, including the application of current instrumental approaches. Prerequisites: BSC2010, BSC2010L, CHM2046, CHM2046L

PCB3522 (3.0 credit hours)
Molecular Biology
This course will present a comprehensive overview of concepts in the field of molecular biology. Aspects of chemical and molecular foundations, molecular genetics, genes, proteins, chromosome structure, viruses, molecular techniques and genetic analysis in molecular biology will be covered.
Prerequisites: CHM 2211, CHM2211L, MCB 3020, MCB3020L

PCB3023L (1.0 credit hour)
Molecular Cell Biology Lab
This course is to be taken in conjunction with PCB3522. The course will present a comprehensive overview of laboratory concepts in the field of molecular biology. An emphasis will be placed on nucleic acid and protein isolation, purification, characterization and quantification, DNA recombinant technologies, cloning, sequencing, and additional advanced techniques. Prerequisites: CHM 2211, CHM2211L, MCB 3020, MCB3020L

PCB4239 (3.0 credit hours)
Molecular Immunology
Presents a comprehensive overview of concepts in the field of molecular immunology. Aspects of the immune system, generation of B-cell and T-cell responses, immune effector mechanisms and immune system health and diseases will be explored. Prerequisites: PCB3522

PCB3233L (1.0 credit hour)
Immunology Lab
This course is to be taken in conjunction with PCB4239. Consists of practical applications and concepts presented in PCB4239 (Molecular Immunology). Prerequisites: PCB3522

PCB4524 (3.0 credit hours)
Molecular Biology II
Presents a comprehensive overview of concepts in the field of molecular biology. Aspects of DNA metabolism, damage, repair, recombination, transposons, RNA metabolism, gene regulation, RNA interference, and protein synthesis will be explored. Prerequisites: PCB3522, PCB3020L

MCB4720 (3.0 credit hours)
Industrial Perspective Seminar
Presents a comprehensive overview of concepts and techniques of research and drug development. Speakers from the biotechnology and related industry will show applications. Prerequisites: MCB3020, MCB3020L

PCB4174 (3.0 credit hours)
Foundations of Bio-Imaging Science
Presents advanced techniques to capture and analyze images at the cellular and molecular level. Theory, design, and practice of bio-imaging techniques will be covered. Prerequisites: BSC2010, BSC2010L, CHM2045, CHM2045L, CHM2210, Mac2311, PHY2049

PCB4529 (3.0 credit hours)
Experimental Molecular Biology
Presents a thorough explanation of techniques used in the development and understanding of the principles of molecular biology with the ability to integrate and apply knowledge of molecular biology. Prerequisites: PCB3522, PCB4524

PAGE 337, COURSE DESCRIPTIONS, BS EXERCISE SCIENCE

Insert the following after the course descriptions for BS Elementary Education:

EXERCISE SCIENCE
Bachelor of Science Degree
Major Course Requirements

APK3114C (4.0 credit hours)
Strength Training and Conditioning
Identifies the essentials involved in strength training and conditioning. Students are prepared for national credentialing. Topics include the structure and function of body systems, training adaptations, testing and evaluation, exercise techniques and program design. Students apply exercise prescriptions and practice stretching and spotting/safety techniques.

HSC3172C (4.0 credit hours)
Stress Management
Discusses proven techniques and tools that are utilized in managing stress in everyday life. Topics include how to apply stress management and prevention techniques to our life, the causes of stress and tools necessary to build a plan for reducing stress that fits one's lifestyle, values, and goals. Students practice stress management techniques with the goal of developing lifetime healthy habits and for themselves and their clients.

HSC4143C (4.0 credit hours)
Substance Abuse
Focuses on understanding addictive disorders and their treatment. The course covers the use and abuse of alcohol, tobacco, barbiturates, amphetamines, cocaine, opiates, and hallucinogens, as well as other abused substances such as aerosols, steroids, and over the counter analgesics. The course also investigates working with clients, differentiating abusers from addicts, drug effects on children, teenagers, pregnant and nursing women. Students participate in collaborative exercises to identify appropriate behavior modification techniques.

PET1084 (4.0 credit hours)
Health and Fitness Appraisal and Wellness
Addresses issues that arise when dealing with clients who have had a disease or medical condition, currently have a disease or medical condition or are at risk for developing a disease or medical condition. Topics include health and fitness assessments and recommended exercise prescription.

PET1352C (4.0 credit hours)
Nutrition and Weight Management
Discusses proper nutrition and weight management practices. Topics include ideal body weight, lean body weight, body fat percentages, metabolic calculations, foods, menus and healthy eating habits.

PET1384 (4.0 credit hours)
Principles of Health and Fitness
Teaches the importance of physical activity and its relationship to health and quality of life. Topics include components of total fitness (physical, social, emotional and intellectual), development of personalized exercise programs, specific health assessments and individualized exercise prescriptions for clients.

PET2353 (4.0 credit hours)
Exercise Physiology
Studies the human body and its responses and adaptations to exercise. Topics include structures and functions of the skeletal, muscular, cardiovascular and respiratory systems and basic biomechanical principles.

PET3104C (4.0 credit hours)
Corrective Exercise Techniques
This course presents and implements strategies necessary to assist the student in not only preventing the incident and/or severity of injuries and illnesses but also ways to correct dysfunctional movement patterns.

PET3310C (4.0 credit hours)
Applied Kinesiology

Focuses on the science and mechanics of human movement. Included are activities and demonstrations of biomechanics in relation to other sub-disciplines of Exercise Science. Students also learn qualitative and quantitative concepts of body movement during exercise.

PET3361C (4.0 credit hours)

Nutrition in Health and Exercise

Integrates the science of nutrition and exercise physiology principles to illustrate the links between training, the increased demand for nutrients as a result of training, the appropriate intake of foods, beverages and supplements to achieve the ultimate goal of performance enhancement. Students design a complete diet plan tailored to an athlete's training and performance goals.

PET3639C (4.0 credit hours)

Advanced Care and Prevention of Athletic Injuries

Addresses the techniques for preventing and minimizing sport-related injuries as well as recognition and management of specific injuries and conditions. Topics include handling and demonstrating proper emergency protocols, bandaging techniques and basic injury rehabilitation.

PET4214C (4.0 credit hours)

Sport and Exercise Psychology

This course presents the student with a comprehensive view of sport and exercise psychology, bridges the gap between research and practice, conveys principles of professional practice, and captures the essence of the world of sport and exercise psychology

PET4240C (4.0 credit hours)

Measurement and Evaluation in Human Performance

This course paves the way for students and professionals to identify and solve human performance problems in the area of kinesiology, physical education, health, and fitness. The nature of this course is to introduce students to tests and measurements and guides them through statistical decision making and accurate interpretation of data.

PET4353C (4.0 credit hours)

Physiology of Fitness and Exercise

This course offers comprehensive coverage of the complex relationship between human physiology and exercise while also including an engagement in activities to assist learning

PET4517C (4.0 credit hours)

Sports Business Management

Focuses on sports business management. Topics include administrative theory and philosophy, financial management and business procedures, facility management and public relations, and other aspects related to administration of recreation, athletic training, and sport management programs. Students participate in collaborative learning exercises to develop a business plan for a facility in the fitness industry.

PET 4552C (4.0 credit hours)

Exercise Programming for Special Populations

Prepares students to work with clients who have received medical treatment for illness or injury who are unable to undertake an exercise regime on their own. Topics include developing exercise programs for individuals who have been cleared by their physicians to return to exercise and physical activity, as well as a hands-on opportunity to work with such individuals. Students are prepared for professional credentialing of exercising special populations.

PET4901C (4.0 credit hours)

Integrated Studies in Exercise Science Capstone

Focuses on exhibiting the learned experiences of the core classes. The student will conclude their bachelor's degree with this capstone course designed to show satisfactory progress in making the transition from student to career professional. The student will utilize the computer laboratory to formulate a capstone research paper to be submitted to the instructor. Their research will be presented in a properly written report as well as a powerpoint presentation before a panel of professional in the field. This research presentation can be based on a revolving project which they experienced while on their externship at the associate's level or other field experience that relates to the core curriculum. Included will be empirical data on their chosen topic which must be approved before beginning this course. Research may include topics pertaining to current training trends, a facility's current membership, client policies and procedures of a fitness program plan, program enhancement plans, implementation process, daily fiscal management, effective stress management techniques, etc.

PET4941 (3.5 credit hours)

Sports Medicine and Fitness Technology Externship
Students are given an opportunity to practice skills learned throughout the program in a recreational, clinical or occupational setting. Students participate in all facets of the operation, management and work directly with clients.

PET4942 (3.5 credit hours)
Sports Medicine and Fitness Technology Externship
Students are given an opportunity to practice skills learned throughout the program in a recreational, clinical or occupational setting. Students participate in all facets of the operation, management and work directly with clients.

SPM4157C (4.0 credit hours)
Exercise Leadership II
Focuses on building the student's level of experience, knowledge, and skills in leading and designing exercise programs. The course prepares students for professional credentialing by learning and applying the specific methods and techniques required.

PAGE 362, COURSE DESCRIPTIONS, BS SPORT MANAGEMENT WITH A CONCENTRATION IN GOLF

Replace this section with the following:

SPORT MANAGEMENT (COURSE DESCRIPTIONS)
Bachelor of Science Degree
Major Course Requirements

ACG1001 (3.0 credit hours)
Accounting Principles I
Defines the objectives of accounting and their relationship to business through fundamental concepts and principles. Topics include theories of debits and credits, classification of accounts, journalizing, preparation of financial statements and use of a trial balance. Accrual method accounting procedures are discussed with end-of-year procedures and financial statements. The practice problems review the complete operation of a small business.

BUL1240 (3.0 credit hours)
Business Law
Presents fundamental principles of law applicable to business transactions. Topics include contracts, sales contracts (UCC Codes), government regulations, commercial paper, property bailment, agency, debtor-creditor relations, real property and insurance.

GEB1112 (3.0 credit hours)
Entrepreneurship
Introduces development of business and the role of an entrepreneur in today's economy. Topics include general theories, principles, concepts and practices of entrepreneurship. Heavy emphasis is placed on lecture, readings, case studies and group projects.

MAN1021 (3.0 credit hours)
Principles of Management
Presents a combination of current and traditional views of management organized around a functional and process approach. Topics include basic management principles and theory and analysis of management functions in planning, organizing, staffing, directing and controlling.

PSY4830 (3.0 credit hours)
Sport Psychology
Examines the psychological aspects of sport and exercise. Focuses on motivation and goal setting in sport and introduces cognitive and behavioral interventions.

SPM1000 (3.0 credit hours)
Introduction to Sport Management
This course introduces students to the field of Sport Business. Topics include: managing sports, the sport industry environment, globalization of sport, ethics, problem solving and decision making, strategic operation and planning, culture and diversity,

human resource management, communication, leadership, controls, financial and economic tools, and facility and event management.

SPM1940 (3.0 credit hours)
Sport Management Internship I
Field work in the sport industry, requiring students to complete a minimum of 135 hours within a sport organization. Pre-requisite: 3 hours in Sport Management.

SPM2001 (3.0 credit hours)
Introduction to Sport Marketing and Sales Management
This course introduces students to promotion, marketing, sponsorship, and sales in Sport Business. Topics include negotiating, nurturing, and activating sponsorships, the selling process, sport consumers, training sales staff, generating sales, e-commerce, and sales risk management.

SPM2022 (3.0 credit hours)
Current Issues in Sport Management
This course addresses current issues in the field of Sport Management. Topics include: marketing and advertising in sport, labor relations and legal issues, facility construction, promotional events, industry leadership, changes in leadership, and economical and financial issues currently affecting the industry.

SPM2403 (3.0 credit hours)
Sport Media Relations
This course introduces the sport manager to the field of media relations and features a dual focus on both the production of content and the mitigation of the sport organization/media relationship. Topics include the various mediums of media including newspapers, magazines, books, radio, tv, online, forums, blogs and social media, including their function and impact in sport. Additional topics include sport information specialists, writing new releases and media guides, managing publicity campaigns and crises, and legal and ethical issues in media relations.

SPM2500 (3.0 credit hours)
Financial Management in the Sport Industry
This course examines general concepts, theories, and principles of the discipline of financial management in the sport industry. Topics include facility financing, valuation of professional franchises, tax financial planning, risk, the time value of money, feasibility studies, economic impact analysis, and budgeting.

SPM2940 (3.0 credit hours)
Sport Management Internship II
Field work in the sport industry, requiring students to complete a minimum of 135 hours within a sport organization. Pre-requisite: 9 hours in Sport Management.

ACG3024 (3.0 credit hours)
Accounting for Managers and Investors
Addresses the use of accounting information. Topics include interpretation of accounting information and the language of financial accounting to effectively participate in activities such as planning, investing, controlling and managerial decision-making

SPM3010 (3.0 credit hours)
Sport in American Life
This course examines the social significance of sport in American life and culture. Topics include mobility, stratification, deviance and violence, ethics, and racial and gender inequalities in sport.

SPM3040 (3.0 credit hours)
Governance and Policy in Sport Organizations
This course explores the power and politics of sport organizations, from the basic managerial activities necessary for governance and policy development to the structure and function of various sport organizations. Topics include managerial activities related to governance, strategic management, policy development, ethics, scholastic and amateur sports, intercollegiate sports, professional sports, Olympic, Paralympic, and international sport.

SPM3721 (3.0 credit hours)

Risk Management

An examination of the various legal risks affecting the sport business environment and the processes by which those risks are mitigated. The course involves conducting an actual risk management audit on a sport business.

SPM3940 (3.0 credit hours)

Sport Management Internship III

Field work in the sport industry, requiring students to complete a minimum of 135 hours in the field within a sport organization. Pre-Requisite: 21 hours in Sport Management or A.S. degree in related field.

SPM4104 (3.0 credit hours)

Venue and Event Management

This course focuses on the development, implementation and management of events and venues in the sport industry. Topics include design, operations, leadership, staffing, budgeting and forecasting, ethics, and legal issues related to events and venues.

SPM4116 (3.0 credit hours)

Strategic Management for Sport Organizations

This course examines the essentials of strategic management theory import for effective leadership in the sport management industry. Topics covered include: practical issues in sport management, managing change, organizational culture, and current trends in Sport management.

SPM4204 (3.0 credit hours)

Ethical Issues in Sport Management

This course examines major ethical issues within sports and introduces students to the critical thinking and moral reasoning necessary to make ethical decisions in sports.

SPM4300 (3.0 credit hours)

Strategic Sport Marketing and Sponsorship

This course examines the role of sponsorship and the broader role of marketing in sport business. Emphasis is placed on event-related, promotional sponsorship, marketing, and activation. Topics include prospecting for sponsors, identifying sponsor needs, Olympic sponsorship, individual athlete sponsorships, developing sponsorship proposals, sponsorship packages, managing sport sponsorships, sales promotion in sport sponsorship, the marketing mix, relationship marketing, and sponsorship sales strategies and methods

SPM4501 (3.0 credit hours)

Sport Economics

This course applies basic economic theory to the analysis of several problems and issues in sport business. Topics covered include: demand and sports revenue, team cost, profit and winning, the value of sports talent, the history of player pay, subsidies and economic impact analysis, and the economics of stadium financing.

SPM4505 (3.0 credit hours)

Sport Finance

This course examines current practices in the financial management of sport business. Topics covered include: basic financial concepts, budgeting, revenue projection and forecasting, obtaining funding, inventory and production management, exit strategy, and trends in the financing of sport business enterprises.

SPM4940 (3.0 credit hours)

Sport Management Internship IV

Field work in the sport industry, requiring students to complete a minimum of 135 hours in the field within a sport organization. Pre-Requisite: 30 hours in Sport Management or A.S. in related field with 9 upper division hours in Sport Management.

Sales, Media, and Technology Concentration (Internship-Based Program)

SPM3320 (3.0 credit hours)

Sport Consumer Behavior

This course examines consumer behavior in the sport industry, including exploration of how individuals make consumption decisions regarding sport products. The use of this information by those marketing and selling sport products is emphasized.

Topics include: fan identification and socialization, market segmentation, motivation, personality, decision making, constraints, group and cultural influence, and loyalty.

SPM3321 (3.0 credit hours)

Selling in Sport Management

This course will provide practical, hands-on professional sales techniques needed to form a framework for strategic account management. Topics include relationship marketing, ethics, psychology of selling, prospecting, sales presentations, closing, customer retention, and training of sales staff. Students will be expected to apply sales skills via a selling project/partnership in the course.

SPM3322 (3.0 credit hours)

Advanced Selling and Sales Management

This course builds on and extends the knowledge of sales techniques and the principles of selling as applied in the sport industry. Emphasis is also placed on sales management. Topics include prospecting, opening and closing sales, handling objections from customers, leadership in sales management, mentoring, motivating, and developing sales professionals, and best practices in sales management. Students will be expected to apply sales skills via a selling project/partnership in the course. Pre-Requisite: SPM 3321: Selling in Sport Business

SPM4400 (3.0 credit hours)

Sport Journalism

This practical, hands-on course teaches students how to cover, write, and edit sports stories for print and the web. Topics include interviewing skills, writing game stories, previews, and features, and examining successful writing styles from sportswriters in various mediums. Students will be expected to produce original sport journalism content throughout the course while covering local sport events and sport business news.

SPM4401 (3.0 credit hours)

Sport Broadcasting

This practical, hands-on course teaches students how to cover, write, and edit sports stories for print and the web. Topics include interviewing skills, writing game stories, previews, and features, and examining successful writing styles from sportswriters in various mediums. Students will be expected to produce original sport journalism content throughout the course while covering local sport events and sport business news.

SPM4402 (3.0 credit hours)

Managing Social Media in Sport Business

The use of social media tools in sport and entertainment has become a marketing force for these organizations impacting customer engagement and relationships. This class introduces the key components and challenges in developing a strategy for successful social media adoption and implementation, as well as the analytic tools to measure ROI. Topics include the development of best practices for social media governance, brand building and reputation management, social media listening channels, regulatory compliance, crisis communications preparedness and response, engaging influencers, and measuring and tracking return on investment in social media marketing. Students will develop and manage their own social media sport or entertainment brand as a project throughout the course, including the use of livestreaming and/or podcasting.

Golf Concentration (Course-Based Program)

SPM3110 (3.0 credit hours)

Golfer Development Programs

This course focuses on the study of individual techniques, game fundamentals and strategies used in coaching golf and creating golfer improvement and development programs. Topics include: skill training, learning styles, effective communication for golf instruction, marketing, revenue management, and staffing.

SPM3115 (3.0 credit hours)

Principles and Science of Coaching

This course focuses on the modern techniques and practices used in the coaching of various athletic programs. Topics include: practice, competitive organization, training equipment procurement, budget and finances, ethics, public relations, legal liability, drug abuse, and sports psychology. Analyzes modern trends and issues in athletics, as well as examines common philosophical views of athletics as a part of a modern educational curriculum.

SPM3310 (3.0 credit hours)
Golf Marketing
This course explores the golf industry specific marketing concepts and principles and their practical application. Students will examine risks and challenges golf professionals face to establish a competitive edge within the market. Topics include: economics, marketing foundations/functions with emphasis on selling, promotion with a focus on internet and social media, product/service management, pricing and distribution.

SPM4118 (3.0 credit hours)
Technology in Sports Coaching
This course explores the use of technology to improve coaching efficiency, strategy, player performance, recruitment, statistical recording and reporting, and long term program design. Topics include: technological advances in the mainstream of contemporary culture and their application to coaching.

SPM4128 (3.0 credit hours)
Human Resource Management for the Golf Professional
This course provides a foundational perspective for socially responsible personnel management practices within the golf industry. Special emphasis is placed on the relationship between ethics, moral, legal, and social issues in managing individuals, groups, and the organization within a business environment.

SPM4150 (3.0 credit hours)
Sport Administration and Law
This course provides an extensive overview of legal principles and ethical issues in professional sports with specific reference to the role of the golf manager. Topics include: an introduction to the different fields of law and a survey of the broad issues related to sports law, an examination of the legal issues routinely faced by golf manager, and a study of the application of ethics in the decision-making process.

Sports Medicine and Fitness Technology Concentration (Course-Based Program)

SPM4157 (3.0 credit hours)
Exercise Leadership
Focuses on building the student's level of experience, knowledge, and skills in leading and designing exercise programs. The course prepares students for professional credentialing by learning and applying the specific methods and techniques required

PET3310 (3.0 credit hours)
Applied Kinesiology
Focuses on the science and mechanics of human movement. Included are activities and demonstrations of biomechanics in relation to other sub-disciplines of Exercise Science. Students also learn qualitative and quantitative concepts of body movement during exercise.

APK3639 (3.0 credit hours)
Advanced Care and Prevention of Athletic Injuries
Addresses the techniques for preventing and minimizing sport-related injuries as well as recognition and management of specific injuries and conditions. Topics include handling and demonstrating proper emergency protocols, bandaging techniques and basic injury rehabilitation.

PET3361 (3.0 credit hours)
Nutrition in Health and Exercise

Integrates the science of nutrition and exercise physiology principles to illustrate the links between training, the increased demand for nutrients as a result of training, the appropriate intake of foods, beverages and supplements to achieve the ultimate goal of performance enhancement. Students design a complete diet plan tailored to an athlete's training and performance goals.

HSC3172 (3.0 credit hours)

Stress Management

Discusses proven techniques and tools that are utilized in managing stress in everyday life. Topics include how to apply stress management and prevention techniques to our life, the causes of stress and tools necessary to build a plan for reducing stress that fits one's lifestyle, values, and goals. Students practice stress management techniques with the goal of developing lifetime healthy habits and for themselves and their clients.

HSC4143 (3.0 credit hours)

Substance Abuse

Focuses on understanding addictive disorders and their treatment. The course covers the use and abuse of alcohol, tobacco, barbiturates, amphetamines, cocaine, opiates, and hallucinogens, as well as other abused substances such as aerosols, steroids, and over the counter analgesics. The course also investigates working with clients, differentiating abusers from addicts, drug affects on children, teenagers, pregnant and nursing women. Students participate in collaborative exercises to identify appropriate behavior modification techniques.

Psychology Concentration (Course-Based Program)

CLP3314 (3.0 credit hours)

Health Psychology

Presents a survey of health psychology. Topics include behaviors and lifestyles affecting individual health, health enhancement, disease prevention, safety and rehabilitation.

CLP4182 (3.0 credit hours)

Addictive Behaviors

Presents models of understanding addictions and introduces various treatment approaches for addictions. Focuses on the impact of addictions on families and prevention programs.

DEP4305 (3.0 credit hours)

Adolescent Psychology

Focuses on physical, cognitive, social, and emotional development that takes place during the adolescent years. Examines the influence of family, peers, school, work, and culture. Topics include current issues in adolescent development concerning autonomy, the formation of identity, intimacy and sexuality, and problems facing adolescence in contemporary society.

DEP4404 (3.0 credit hours)

Psychology of Adult Development and Aging

Uses a biopsychosocial perspective to examine the physical, cognitive, social, and emotional development of young, middle-aged and older adults. Explores issues of gender, culture, socio-economic status, and diversity as they relate to adulthood.

PSY4836 (3.0 credit hours)

Psychology of Coaching and Team Building

This course provides an extensive overview of the coaching and the team-building process used in sports. Topics include: group processes, effective communication, team-building techniques, leadership skills, and interpersonal communication.

HSC3172 (3.0 credit hours)

Stress Management

Discusses proven techniques and tools that are utilized in managing stress in everyday life. Topics include how to apply stress management and prevention techniques to our life, the causes of stress and tools necessary to build a plan for reducing stress that fits one's lifestyle, values, and goals. Students practice stress management techniques with the goal of developing lifetime healthy habits and for themselves and their clients.

PAGE 364, COURSE DESCRIPTIONS, BS SPORTS MEDICINE AND FITNESS TECHNOLOGY

Replace this section with the following:

APK3114C (4.0 credit hours)
Strength Training and Conditioning
Identifies the essentials involved in strength training and conditioning. Students are prepared for national credentialing. Topics include the structure and function of body systems, training adaptations, testing and evaluation, exercise techniques and program design. Students apply exercise prescriptions and practice stretching and spotting/safety techniques.

HSC3172C (4.0 credit hours)
Stress Management
Discusses proven techniques and tools that are utilized in managing stress in everyday life. Topics include how to apply stress management and prevention techniques to our life, the causes of stress and tools necessary to build a plan for reducing stress that fits one's lifestyle, values, and goals. Students practice stress management techniques with the goal of developing lifetime healthy habits and for themselves and their clients.

HSC4143C (4.0 credit hours)
Substance Abuse
Focuses on understanding addictive disorders and their treatment. The course covers the use and abuse of alcohol, tobacco, barbiturates, amphetamines, cocaine, opiates, and hallucinogens, as well as other abused substances such as aerosols, steroids, and over the counter analgesics. The course also investigates working with clients, differentiating abusers from addicts, drug effects on children, teenagers, pregnant and nursing women. Students participate in collaborative exercises to identify appropriate behavior modification techniques.

PET1084 (4.0 credit hours)
Health and Fitness Appraisal and Wellness
Addresses issues that arise when dealing with clients who have had a disease or medical condition, currently have a disease or medical condition or are at risk for developing a disease or medical condition. Topics include health and fitness assessments and recommended exercise prescription.

PET1352C (4.0 credit hours)
Nutrition and Weight Management
Discusses proper nutrition and weight management practices. Topics include ideal body weight, lean body weight, body fat percentages, metabolic calculations, foods, menus and healthy eating habits.

PET1384 (4.0 credit hours)
Principles of Health and Fitness
Teaches the importance of physical activity and its relationship to health and quality of life. Topics include components of total fitness (physical, social, emotional and intellectual), development of personalized exercise programs, specific health assessments and individualized exercise prescriptions for clients.

PET1604C (4.0 credit hours)
Sports Medicine and First Aid
Focuses on safety, injury prevention and emergency response practices that affect the daily operations and management of a health and fitness facility. Topics include injury prevention, lifestyle modification, management of acute and chronic injuries and recovery therapies.

PET2082C (4.0 credit hours)
Exercise Leadership I
Presents basic components of exercise programming and prescription. Topics include principles of cardiorespiratory function, resistance, flexibility exercises, exercise leadership, behavior modification and motivational techniques.

PET2214 (4.0 credit hours)
Sports Psychology
Introduces psychological theories of behavioral change and presents the application of practical concepts from these theories. Topics include lifestyle modification, goal setting, symptoms of anxiety and depression and referrals to third-party physicians.

PET2353 (4.0 credit hours)

Exercise Physiology
Studies the human body and its responses and adaptations to exercise. Topics include structures and functions of the skeletal, muscular, cardiovascular and respiratory systems and basic biomechanical principles.

PET2940 (8.0 credit hours)
Sports Medicine and Fitness Technology Externship
Students are given an opportunity to practice skills learned throughout the program in a recreational, clinical or occupational setting. Students participate in all facets of the operation, management and work directly with clients.

PET3310C (4.0 credit hours)
Applied Kinesiology
Focuses on the science and mechanics of human movement. Included are activities and demonstrations of biomechanics in relation to other sub-disciplines of Exercise Science. Students also learn qualitative and quantitative concepts of body movement during exercise.

PET3361C (4.0 credit hours)
Nutrition in Health and Exercise
Integrates the science of nutrition and exercise physiology principles to illustrate the links between training, the increased demand for nutrients as a result of training, the appropriate intake of foods, beverages and supplements to achieve the ultimate goal of performance enhancement. Students design a complete diet plan tailored to an athlete's training and performance goals.

PET3632C (4.0 credit hours)
Basic Therapeutic Modalities for Musculoskeletal Injuries
Provides instruction on the indications, contraindications, and legal issues as they pertain to the proper application of therapeutic modalities for the athletic trainer. Students demonstrate the application of various therapeutic modalities.

PET3639C (4.0 credit hours)
Advanced Care and Prevention of Athletic Injuries
Addresses the techniques for preventing and minimizing sport-related injuries as well as recognition and management of specific injuries and conditions. Topics include handling and demonstrating proper emergency protocols, bandaging techniques and basic injury rehabilitation.

PET4517C (4.0 credit hours)
Sports Business Management
Focuses on sports business management. Topics include administrative theory and philosophy, financial management and business procedures, facility management and public relations, and other aspects related to administration of recreation, athletic training, and sport management programs. Students participate in collaborative learning exercises to develop a business plan for a facility in the fitness industry.

PET 4552C (4.0 credit hours)
Exercise Programming for Special Populations
Prepares students to work with clients who have received medical treatment for illness or injury who are unable to undertake an exercise regime on their own. Topics include developing exercise programs for individuals who have been cleared by their physicians to return to exercise and physical activity, as well as a hands-on opportunity to work with such individuals. Students are prepared for professional credentialing of exercising special populations.

PET4940C (4.0 credit hours)
Integrated Studies in Sports Medicine Capstone
Focuses on exhibiting the learned experiences of the core classes. The student will conclude their bachelor's degree with this capstone course designed to show satisfactory progress in making the transition from student to career professional. The student will utilize the computer laboratory to formulate a capstone research paper to be submitted to the instructor. Their research will be presented in a properly written report as well as a powerpoint presentation before a panel of professional in the field. This research presentation can be based on a revolving project which they experienced while on their externship at the associate's level or other field experience that relates to the core curriculum. Included will be empirical data on their chosen topic which must be approved before beginning this course. Research may include topics pertaining to current training trends, a facility's current membership, client policies and procedures of a fitness program plan, program enhancement plans, implementation process, daily fiscal management, effective stress management techniques, etc.

SPM2150 (4.0 credit hours)

Sports Administration and Law
Presents effective program administration. Topics include creation of safe, successful programs, reduction of risk and legal situations, exercise waivers, health history questionnaires, legal aspects of instruction and CPR.

SPM4157C (4.0 credit hours)
Exercise Leadership II
Focuses on building the student's level of experience, knowledge, and skills in leading and designing exercise programs. The course prepares students for professional credentialing by learning and applying the specific methods and techniques required.

SPM4305C (4.0 credit hours)
Sports Marketing and Promotions
Focuses on the intriguing world of sports marketing, promotions, and entertainment today and how this strong force continues to drive our industry in current marketing techniques. The techniques learned will be consistent in what is necessary to building one's own professional career. Students participate in collaborative activities in support of executing a business plan.

General Education Requirements
See specific Lower and Upper Division general education requirements for a Bachelor of Science degree in Sports Medicine and Fitness Technology in the Program Descriptions section of this catalog.

PAGE 367, COURSE DESCRIPTIONS, AA ACCOUNTING

ACCOUNTING
Associate of Arts Degree
Major Course Requirements

ACG1001 (3.0 credit hours)
Accounting Principles I
Defines objectives of accounting and their relationship to business through fundamental concepts and principles. Topics include theories of debits and credits, classification of accounts, journalizing, preparation of financial statements and the use of a trial balance. Accrual method accounting procedures are discussed with end-of-year procedures and financial statements.
ACG2011 (3.0 credit hours)
Accounting Principles II
Presents accounting principles and concepts applicable to receivables, fixed assets, payroll, cash flow, financial analysis and accounting for partnerships and corporations. Prerequisite: ACG1001

ACG2062 (3.0 credit hours)
Accounting Information for Business Decisions
Identifies how accounting information is used in making business decisions. Students enhance computer skills using software programs to solve accounting problems. Prerequisite: ACG2011

ACG2091 (3.0 credit hours)
Integrated Accounting
This course is an introduction to the integration of traditional accounting concepts with computerized accounting procedures. Software will be used to complete an accounting cycle for both a service and merchandising business. Topics include: journal entries, accounts receivable, accounts payable, financial statements along with fixed assets and payroll transactions..
Prerequisite: ACG2011

BUL1240 (3.0 credit hours)
Business Law
Presents fundamental principles of law applicable to business transactions. Topics include contracts, sales contracts (UCC Codes), government regulations, commercial paper, property bailments, agency, debtor-creditor relations, real property and insurance.

FIN2001 (3.0 credit hours)
Financial Management
Examines corporate finances through organizational structure, practices and policies. Topics include ratio analysis, leverage, cash budgeting, capital structure, NPV, the CAPM, valuation concepts and analysis of financial statements. Prerequisite: ACG 2011

MAR1011 (3.0 credit hours)
Introduction to Marketing
Discusses the principles and functions of marketing and its role in a business environment. Utilization of guiding principles of relationship building to establish and maintain trust and confidence in a firm's products and/or services is taught.

TAX2004 (3.0 credit hours)
Principles of Taxation
Presents an overview of preparing federal income tax returns emphasizing individual income taxes. Topics include preparation of schedules and forms, review of tax publications and use of the Internal Revenue Service website. Prerequisite: ACG2011

Lower Division General Education Requirements
See specific Lower Division general education requirements for an Associate of Arts degree in Accounting in the Program Descriptions section of this catalog.

PAGE 395, COURSE DESCRIPTIONS, MS PHYSICIAN ASSISTANT

Replace this section with the following:

PHYSICIAN ASSISTANT
Master of Science Degree

Major Course Requirements

MPA500 (1.0 credit hour)
Introduction to the Physician Assistant Profession
This course is designed to introduce the physician assistant to various professional topics that affect the practicing physician assistant. The course focus is on the non-medical aspect of the profession such as: the history of the physician assistant profession, laws and regulations governing physician assistant practice and education, reimbursement issues and professional behavior. Legal and legislative issues are discussed including licensing, credentialing, national certification, professional liability and Physician Assistant program accreditation. Prerequisites: Admission to the Physician Assistant Program

MPA501 (1.0 credit hour)
Medical Terminology
This medical terminology course provides the student with the framework needed for those seeking to become physician assistants. The relationship of word parts to their anatomical counterparts will be studied. Rules for combining word parts into complete medical terms will be stressed. Accurate pronunciation and spelling of word parts and complete terms will be emphasized throughout the course. Such understanding will facilitate learning of scientific and medical principles encountered in this program. Prerequisites: Admission to the Physician Assistant Program

MPA502 (3.0 credit hours)
Fundamentals of Diagnostic Methods
The basic principles of radiology and imaging techniques such as plain radiographs, ultrasound, computed tomography and MRI images are reviewed. Normal and abnormal findings on these commonly ordered studies are emphasized. This course teaches the student how to read and interpret various forms of diagnostic imaging. Prerequisites: MPA501, MPA510, MPA511, MPA513, MPA524, MPA534

MPA510 (3.0 credit hours)
Physical Diagnosis I
Physical Diagnosis will explore the basic principles and skills required to perform a thorough physical examination and special diagnostic maneuvers. Normal physiologic and psychologic adult physical findings will be emphasized. Documentation and integration of the physical exam with interviewing skills will be stressed. Introduces the beginning practitioner to the skills of listening, communicating, data collecting and documenting patient encounters. Prerequisites: MPA501

MPA511 (4.0 credit hours)
Human Physiology
This is a comprehensive course covering the physiology of all major systems of the human body. Special emphasis is placed on the clinical application of this knowledge to patient management. Students will study the cell physiology through various organ systems. The focus will be on how each contributes to the normal functioning of the body as a whole. Prerequisites: MPA501

MPA512 (3.0 credit hours)

Clinical Pathophysiology

This course is designed to promote the understanding and application of fundamental disease processes in clinical settings. Students will study the essential mechanism and sequence of events leading to the development and functional changes associated with the disease process. General concepts of diseases, including etiology, pathogenesis, morphology and biochemistry will be discussed. General pathophysiology concepts including cell injury, necrosis, inflammation, wound healing, and neoplasia will be taught. The intention is to give the student a foundation for Clinical Medicine and a systematic study of disease processes involving relationships between pathophysiological changes and clinical manifestations. Prerequisites: MPA501

MPA513 (5.0 credit hours)

Human Anatomy

This course provides students with a thorough understanding of anatomy of the human body. There will be a strong emphasis on body cavities and organ systems including thorax, abdomen and pelvis. A study of the extremities and musculoskeletal systems is included. This course is a region oriented study of the structure and function of the human body with emphasis on anatomical concepts and relationships relevant to the practice of medicine. Prerequisites: MPA501

MPA514 (1.0 credit hour)

Applied Learning Experience (ALE)

The purpose of this course is to provide students an opportunity to observe and participate in a variety of community clinical sites. Clinical specialty sites are assigned to coincide with didactic courses conducted. Students will practice initial physical examination skills and techniques as well as early documentation skills. Students will be required to keep a journal of their patient care clinical experience. Clinical specialty sites include the following: physical screening clinics, long term facilities, nursing homes, orthopedics, under-served medical clinics and other appropriate sites. Prerequisites: MPA501, current enrollment in MPA510

MPA515 (3.0 credit hours)

Introduction to Healthcare Research and Biostatistics

This course prepares the physician assistant student with skills to understand research design, analyze research information and apply it to clinical practice, evaluate methods and techniques commonly used in health care, including problem selection, literature review, instrumentation, methodology, statistical analyses and the writing of research reports and articles. This includes the interpretation of published research, application of statistical analyses and application of research methodologies. Topics discussed in this course include: an overview and history of epidemiology, study designs, rates and proportions, contingency tables, measures of association, confounding and effect modification, infectious disease epidemic surveillance and evaluation of clinical tests. Prerequisites: MPA501

MPA520 (3.0 credit hours)

Physical Diagnosis II

This is a continuation of Physical diagnosis I. This course will explore the basic principles and skills required to perform a thorough physical examination and special diagnostic maneuvers. Normal physiologic and psychologic adult physical findings will be emphasized. The examination of children, adolescents, and the elderly will also be discussed. Actual gynecological, female breast and male genitourininary examinations on live models are incorporated into this course. This course will focus on developing and refining communication and interviewing skills. Prerequisite: MPA501, MPA510

MPA521 (3.0 credit hours)

Microbiology

This course gives the student a detailed study of microorganisms and diseases they cause in man. An organ system approach is used to examine the fundamentals of pathogenicity, host response, epidemiological aspects of infectious disease, as well as clinical manifestations, diagnosis and treatment of infection. Prerequisites: MPA501

MPA522 (3.0 credit hours)

Ethical and Legal Medicine

This course allows the student to explore issues of medical practice. Students debate both sides of ethical issues of patient confidentiality, patient rights, the role of the physician assistant and other medical personnel, and differing values between patients and physician assistants. The student will learn to identify, analyze and resolve ethical dilemmas which will be encountered in professional practice. Issues will be examined using the basic principles of biomedical ethics, which include: respect for persons, truth telling, beneficence and integrity. Lectures in medical law and legal obligations of health professionals are presented. Prerequisites: MPA500

MPA523 (2.0 credit hours)

Clinical Pharmacology

The student will be introduced to the basic principles of pharmacology. Concepts to be covered will include mechanisms of action, absorption, distribution, metabolism, and excretion; pharmacokinetics, interaction with other drugs and with food; problems with special populations (prenatal, neonatal, and elderly); rational drug usage for clinical disorders (therapeutics); clinical measures and toxicology. Prerequisites: MPA501

MPA524 (5.0 credit hours)

Fundamentals of Clinical Medicine and Surgery I

This is the first of three courses in Clinical Medicine and Surgery. The fundamentals of clinical care will be taught through the intensive study of the symptoms, anatomy, physiology, etiology, epidemiology, history, physical examination findings, diagnosis and treatment of disease states. Counseling, management and patient education issues will be explored. This course builds on the foundation laid in Anatomy and Pathophysiology. In this course the student will study an introduction to Clinical Medicine, Fundamentals of Nutrition, Dermatology, Ophthalmology, Rheumatology, Pulmonology, Otolaryngology, Cardiovascular medicine, and Infectious Diseases. Prerequisites: MPA501, MPA510, MPA511, MPA513,

MPA525 (1.0 credit hour)

Clinical Laboratory Medicine I

This course will focus on laboratory diagnostic test interpretation to encompass the exploration of relevant physiology and pathophysiology. Topics covered will include an introduction to cell biology, the principles of laboratory testing, immunology, genetics, serology, virology, hematology, coagulation, immunohematology, pulmonary function tests, lipid disorders, cardiac markers, metabolic chemistry panels, cerebrospinal fluid analysis, acid base disturbances, endocrine disorders, renal function tests and urinalysis. Prerequisites: MPA501, MPA510, MPA511

MPA526 (2.0 credit hours)

Psychosocial Issues in Health Care

This course will study diverse cultural, ethical and psychosocial issues. This course provides an opportunity to explore how cultural belief systems and values in multi-cultural society relate to the provision of appropriate health care and counseling. This course will explore the factors associated with communicating with and caring for individuals from different cultures, of opposite gender or of differing sexual preference. Topics include personality development from infancy through old age, the family's role in health care, sex and sexuality, abuse of substances and death and dying. Prerequisites: MPA501, MPA510, MPA511, MPA520, MPA522, MPA524

MPA530 (3.0 credit hours)

Physical Diagnosis III

This course is designed as a continuation of Physical Diagnosis I and II. It integrates the history taking and physical examination skills presented in semester one and two. Emphasis is on correlation of historical information, physical findings and pertinent laboratory results to formulate a diagnosis and a patient management plan. Students will develop these skills through analyzing and presenting clinical cases. Prerequisites: MPA501, MPA510, MPA520

MPA531 (5.0 credit hours)

Principles of Life Support and Electrocardiography

This course prepares the student with basic CPR (cardiopulmonary resuscitation), PALS (pediatric advance life support), BLS (basic life support), ACLS (adult cardiac life support) and ATLS (advance trauma life support) courses. The student will become certified in all of the areas above. Prerequisites: MPA501, MPA510, MPA511, MPA513, MPA524, MPA534

MPA532 (4.0 credit hours)

Clinical and Surgical Procedures

This laboratory based course is designed to teach students technical procedures frequently encountered in primary care, emergency medicine, and surgical settings such as intravenous canalization, suturing, urethral catheterization, splinting and casting and nasogastric lavage. This course teaches methods of sterile technique, basic surgical procedures and care of the surgical patient. Prerequisites: MPA501, MPA510, MPA511, MPA525, MPA535

MPA533 (4.0 credit hours)

Pharmacotherapeutics I

This course is a study of hormonal agents, autonomic drugs, anesthetics, analgesics, anti-infective agents, antibiotics, hypnotics, cardiac drugs, vitamins, renal drugs and topical agents as well as the principles of pharmacokinetics, chemotherapy and toxicology. Both oral and intravenous modes of delivery are discussed. The basis of therapeutic and adverse effects of each class of drug will be discussed by system. The modification of drug action and adverse effects will also be discussed. It will examine

the application of drugs for the treatment of respiratory, cardiovascular, endocrine, gastrointestinal and infectious diseases. Prerequisites: MPA501, MPA523

MPA534 (6.0 credit hours)

Fundamentals of Clinical Medicine and Surgery II

This course is a continuation of Fundamentals of Clinical Medicine and Surgery This course provides background in the epidemiology, etiology, pathophysiology, clinical presentation, diagnosis and treatment of common and serious disorders. Topics covered include: Gastroenterology, General Surgery, Emergency Medicine, Genitourinary, Nephrology, Endocrinology, Orthopedics, and Pulmonology. Global health and healthcare disparity are explored. Prerequisites: MPA501, MPA510, MPA511, MPA513, MPA524,

MPA535 (2.0 credit hours)

Clinical Laboratory Medicine II

This is a continuation of Clinical Laboratory Medicine I. Examination of clinical laboratory medicine with emphasis on indications for tests, normal values, interpretation of results and correlation with clinical conditions. Prerequisites: MPA501, MPA510, MPA511, MPA525

MPA536 (2.0 credit hours)

Health Promotion and Disease Prevention

This course will provide comprehensive discussions on the principles of health promotion and disease prevention. The student will focus on issues of screening, prophylaxis, patient education, risk factor assessment, counseling, immunization requirement. The US Preventative Health Task Force goals and objectives will be discussed. Recommended guidelines and strategies for early disease screening will be addressed using a population-specific frame of reference designed to complement parallel learning experiences in Clinical Medicine, Physical Diagnosis, Genetics, Health Behavioral Counseling, Behavioral Dynamics, Women's Health and Pediatrics. Topics include control and prevention of communicable diseases relevant to the US population, toxicology, occupational health, environmental health, prevention of chronic conditions and violence as a public health problem. Prerequisites: MPA501, MPA510, MPA511, MPA513, MPA515, MPA524

MPA537 (1.0 credit hour)

Healthcare Policy

This course explores the U.S. health care system, health expenditures and health care policy issues relating to allocation of resources and alternative for managing disparities in the health care system. Critique of a health policy and its outcomes is required. Topics include major determinants of health and disparities, health care organization, U. S. health law and regulation, and international comparisons. Prerequisites: MPA500

MPA538 (1.0 credit hour)

Medical Genetics

This class analyzes basic concepts in molecular genetics and genetic testing, patterns of genetic transmission, population genetics and pedigree drawing. Application to clinical practice will be emphasized. Prerequisites: MPA501, MPA510, MPA511, MPA513, MPA524, MPA534,

MPA539 (2.0 credit hours)

Alternative and Complementary Medicine

In this course students discuss and analyze the impact, origins and background of alternative and complementary medicine. The student will develop the ability to identify and comprehend alternative methods and treatment of disease. Topics to be discussed: Evolution of medicine, mechanisms of acupuncture, chiropractic and osteopathic medicine, ayurvedic medicine, botanical medicine, homeopathic medicine, naturopathic medicine, nutrition, spirituality and health medicine, mind-body medicine, and patient-centered medicine. Prerequisites: MPA501, MPA510, MPA511, MPA513, MPA524, MPA534

MPA540 (3.0 credit hours)

Clinical Psychiatry

This course provides an overview of common clinical problems in psychiatry and psychopathology. The course includes sessions on psychoneuroses, psychosomatic disorders, behavioral disorders, psychotherapy and substance abuse. Prerequisites: MPA500, MPA501, MPA510, MPA511, MPA512, MPA513, MPA520, MPA522, MPA523, MPA524, MPA526, MPA533, MPA534

MPA543 (3.0 credit hours)

Pharmacotherapeutics II

In this course the therapeutic and adverse effects of each class of drug will continue from the previous course. The process through which the government regulates drug approval and other relevant concerns will be addressed during this course. Preparation for appropriate administration/prescription of medicines is accomplished through a study of drug classifications,

pharmacodynamic actions, and rational for therapeutic use of prescription and non-prescription medications. Prerequisites: MPA501, MPA511, MPA513, MPA523, MPA533

MPA544 (8.0 credit hours)

Fundamentals of Clinical Medicine and Surgery III

This course continues with an exploration of clinical care concentrating on disorders found in these common specialties: Pediatrics, Geriatric and Long term care, Behavioral Medicine - Psychiatry, Neurology, Obstetrics/Gynecology, Hematology and Oncology. Prerequisites: MPA501, MPA510, MPA511, MPA513, MPA524, MPA534

MPA600 (5.0 credit hours)

Prenatal/ Gynecology CR

This is a required five-week clinical rotation conducted in both the inpatient and outpatient settings. The physician assistant student while on this rotation will learn prenatal care, care of the Obstetric patient and assessment procedures for both maternal and fetal well-being. The student will also learn about gynecological disorders, as well as the diagnosis, treatment and management of disorders that afflict both the gynecological and obstetric patients. This rotation emphasizes the pathophysiology, evaluation, diagnosis and management of systemic diseases and surgical conditions unique to the clinical practice of Women's Health. Inclusion of proper data collection through history and physical examination, formulation of accurate problem lists, thorough investigation and development of treatment plans utilizing evidence based medicine as determined by review and analysis of current medical literature. Common gynecologic conditions, methods and effectiveness of contraception, cancer detection methods, and the diagnosis and treatment of sexually transmitted disease in the female are explored. The course also includes assigned readings and exercises. Prerequisites: MPA500, MPA501, MPA502, MPA510, MPA511, MPA512, MPA513, MPA520, MPA522, MPA523, MPA524, MPA525, MPA526, MPA531, MPA532, MPA533, MPA534, MPA535, MPA538, MPA539, MPA540, MPA543, MPA544

MPA610 (5.0 credit hours)

Internal Medicine CR

This is a required five-week clinical rotation conducted in both the inpatient and outpatient setting. The purpose of this rotation is to educate the physician assistant student in the diagnosis, management, and treatment of acute and chronic medical problems seen in the internal medicine practice. This rotation emphasizes the pathophysiology, evaluation, diagnosis and management of systemic diseases and surgical conditions unique to the clinical practice of Internal Medicine. Inclusion of proper data collection through history and physical examination, formulation of accurate problem lists, thorough investigation and development of treatment plans utilizing evidence based medicine as determined by review and analysis of current medical literature. The course also includes assigned readings and exercises. Prerequisites: MPA500, MPA501, MPA502, MPA510, MPA511, MPA512, MPA513, MPA520, MPA522, MPA523, MPA524, MPA525, MPA526, MPA531, MPA532, MPA533, MPA534, MPA535, MPA538, MPA539, MPA540, MPA543, MPA544

MPA620 (5.0 credit hours)

Surgery CR

This is a required five-week clinical rotation conducted in both the clinical and hospital setting.

This clinical rotation will provide an orientation to the diagnosis and management of health conditions best alleviated by surgical intervention. Preoperative care is emphasized along with the care of surgical wounds and minimizing post-operative complications. This rotation emphasizes the pathophysiology, evaluation, diagnosis and management of systemic diseases and surgical conditions unique to the clinical practice of Surgery. Inclusion of proper data collection through history and physical examination, formulation of accurate problem lists, thorough investigation and development of treatment plans utilizing evidence based medicine as determined by review and analysis of current medical literature. The course also includes assigned readings and exercises. Prerequisites: MPA500, MPA501, MPA502, MPA510, MPA511, MPA512, MPA513, MPA520, MPA522, MPA523, MAP524, MPA525, MPA526, MPA531, MPA532, MPA533, MPA534, MPA535, MPA538, MPA539, MPA540, MPA543, MPA544

MPA630 (5.0 credit hours)

Emergency Medicine CR

This is a required five-week clinical rotation which takes place in the Emergency department setting. This rotation will provide an introduction to the appropriate triage and management of trauma and acute medical problems in both children and adults. Students will learn to establish priorities while simultaneously diagnosing and treating critically ill patients. Physical examination skills and mastery of techniques and procedures essential to managing life-threatening illness and injury are emphasized. Basic and advanced ventilatory assistance, cardiopulmonary resuscitation, fluid and electrolyte management are stressed. This rotation emphasizes the pathophysiology, evaluation, diagnosis and management of systemic diseases and surgical conditions unique to the clinical practice of Emergency Medicine. Inclusion of proper data collection through history and physical examination, formulation of accurate problem lists, thorough investigation and development of treatment plans utilizing evidence based medicine as determined by review and analysis of current medical literature. Laboratory sessions are used to familiarize the

student with aseptic technique and basic surgical procedures such as airway control, various catheter placements, surgical bleeding control and wound management. The course also includes assigned readings and exercises. Prerequisites: MPA500, MPA501, MPA502, MPA510, MPA511, MPA512, MPA513, MPA520, MPA522, MPA523, MPA524, MPA525, MPA526, MPA531, MPA532, MPA533, MPA534, MPA535, MPA538, MPA539, MPA540, MPA543, MPA544

MPA640 (5.0 credit hours)

Pediatrics CR

This is a required five-week clinical rotation conducted in outpatient and/or inpatient setting.

This rotation provides an examination of the child development from birth to adolescence. The well-child examination along with the recognition and management of common childhood illness as well as health maintenance, psycho-social and behavioral issues parent and patient education will be stressed. This rotation emphasizes the pathophysiology, evaluation, diagnosis and management of systemic diseases and surgical conditions unique to the clinical practice of Pediatrics. Inclusion of proper data collection through history and physical examination, formulation of accurate problem lists, thorough investigation and development of treatment plans utilizing evidence based medicine as determined by review and analysis of current medical literature. The course also includes assigned readings and exercises. Prerequisites: MPA500, MPA501, MPA502, MPA510, MPA511, MPA512, MPA513, MPA520, MPA522, MPA523, MPA524, MPA525, MPA526, MPA531, MPA532, MPA533, MPA534, MPA535, MPA538, MPA539, MPA540, MPA543, MPA544

MPA650 (5.0 credit hours)

Family Medicine CR

This is a required five-week clinical rotation conducted in primarily an outpatient setting.

This rotation will entail integration of the biologic, psychiatric and social aspects of medicine with the practice of outpatient care for patients of all ages. Care of underserved, chronically ill, and medically vulnerable patient populations will be the center of focus. Students will integrate family systems theory with the practice areas of outpatient medicine, pediatrics, obstetrics and gynecology. This rotation emphasizes the pathophysiology, evaluation, diagnosis and management of systemic diseases and surgical conditions unique to the clinical practice of Family Medicine. Inclusion of proper data collection through history and physical examination, formulation of accurate problem lists, thorough investigation and development of treatment plans utilizing evidence based medicine as determined by review and analysis of current medical literature. The course also includes assigned readings and exercises. Prerequisites: MPA500, MPA501, MPA502, MPA510, MPA511, MPA512, MPA513, MPA520, MPA522, MPA523, MPA524, MPA525, MPA526, MPA531, MPA532, MPA533, MPA534, MPA535, MPA538, MPA539, MPA540, MPA543, MPA544

MPA660 (5.0 credit hours)

Psychiatry CR

This is a required five-week clinical rotation conducted in both the inpatient and outpatient clinical setting. This supervised clinical rotation provides the student the opportunity to see a variety of patients with mental health problems. The Psychiatry rotation allows the student to experience assessing and counseling patients with a variety of behavioral and psychological conditions, as well as the opportunity to participate in treatment-plan formulation and exploration of social and community resources. This rotation emphasizes the pathophysiology, evaluation, diagnosis and management of systemic diseases and surgical conditions unique to the clinical practice of Psychiatry. Inclusion of proper data collection through history and physical examination, formulation of accurate problem lists, thorough investigation and development of treatment plans utilizing evidence based medicine as determined by review and analysis of current medical literature. The course also includes assigned readings and exercises. Prerequisites: MPA500, MPA501, MPA502, MPA510, MPA511, MPA512, MPA513, MPA520, MPA522, MPA523, MPA524, MPA525, MPA526, MPA531, MPA532, MPA533, MPA534, MPA535, MPA538, MPA539, MPA540, MPA543, MPA544.

MPA670 (5.0 credit hours)

Elective 1 CR

This is a required five-week clinical rotation that allows the student the opportunity to either choose a new field of study or to explore and gain intensive experience in one of the core practice areas of medicine. The Physician Assistant Program must approve clinical rotation placements. This rotation emphasizes the pathophysiology, evaluation, diagnosis and management of systemic diseases and surgical conditions unique to the clinical practice of Medicine. Inclusion of proper data collection through history and physical examination, formulation of accurate problem lists, thorough investigation and development of treatment plans utilizing evidence based medicine as determined by review and analysis of current medical literature. The course also includes assigned readings and exercises. Prerequisites: MPA500, MPA501, MPA502, MPA510, MPA511, MPA512

MPA680 (5.0 credit hours)

Elective 2 CR

This is a required five-week clinical rotation that allows the student the opportunity to either choose a new field of study or to explore and gain intensive experience in one of the core practice areas of medicine. The Physician Assistant Program must

approve clinical rotation placements. This rotation emphasizes the pathophysiology, evaluation, diagnosis and management of systemic diseases and surgical conditions unique to the clinical practice of Medicine. Inclusion of proper data collection through history and physical examination, formulation of accurate problem lists, thorough investigation and development of treatment plans utilizing evidence based medicine as determined by review and analysis of current medical literature. The course also includes assigned readings and exercises. Prerequisites: MPA500, MPA501, MPA502, MPA510, MPA511, MPA512, MPA513, MPA520, MPA522, MPA523, MPA524, MPA525, MPA526, MPA531, MPA532, MPA533, MPA534, MPA535, MPA538, MPA539, MPA540, MPA543, MPA544

MPA690 (3.0 credit hours)
Graduate Project
The Physician Assistant Graduate Project is designed to provide the Physician Assistant Student the opportunity to gather further information on a selected medical topic using skills and information gained through the didactic phase of the PA curriculum. The project and course will conclude with a properly written work using formatting and style standards set by the American Psychological Association (APA). Although the Master's project is not a thesis it is expected that the final paper will be thoroughly researched and well written. The graduate project must be approved by PA faculty. Within the course, selection of a project topic, completion of needs assessment and the literature review and critique are completed and a project proposal is developed. The project paper will be developed into a publishable quality, and presented to faculty and peers. Prerequisites: MPA501, MPA510, MPA511, MPA513, MPA515, MPA524, MPA527, MPA534, MPA544

MPA691 (2.0 credit hours)
Certification Examination Review
This comprehensive examination is a capstone of the physician assistant program. The purpose of the exam is two-fold. First, to ascertain if the student has both the broad and specific knowledge expected of someone holding a master's degree. Second, to determine whether the student has been able to integrate knowledge obtained from individual courses into unified concepts, which link the students own specialization to other fields of study. A written examination will be administered as a final evaluation of the student's progress. These tests are also designed to prepare the graduate for the NCCPA examination. This is a four day board review course presented by PA Program faculty, physician faculty, community physicians and community PA's. It is modeled on the PANCE blueprint and provides a review in preparation for the Physician Assistant National Certifying Examination. Prerequisites: MPA501, MPA510, MPA511, MPA513, MPA524, MPA534, MPA544.

MPA692 (1.0 credit hour)
Transition into Physician Assistant Practice
This course will prepare the student for transition into physician assistant practice. The course will discuss state licensing and national boards, interviewing and finding a job, physician assistant disciplines, the job market, malpractice options, salary negotiations, rural health clinics, student loan reduction through government loan repayment plans, and physician assistants in academia. Students will examine the future of the physician assistant profession and their role as healthcare providers. Prerequisites: Completion of all required course in the Physician Assistant program.

MPA695 (2.0 credit hours)
Summative Evaluation
The summative evaluation course will evaluate each student's cognitive and psychomotor skills. The course is designed to assess the student's ability to demonstrate effective history and physical examination skills, develop differential diagnoses, and initiate appropriate treatment plans in a variety of scenarios. The students will be tested in clinically simulated environments to ensure that they have acquired, over the course of the Physician Assistant program, the skills necessary to work in a clinical setting. Prerequisites: Taken in the last semester of enrollment.

PAGE 405, COURSE DESCRIPTIONS, AS MEDICAL LABORATORY TECHNICIAN

Replace this section with the following:

MEDICAL LABORATORY TECHNICIAN
Associate of Science Degree
Major Course Requirements

MLT1610C (4.0 credit hours)
Clinical Chemistry I
Presents theoretical concepts, principles and the performance of procedures used for the measurement of carbohydrates, proteins, non-protein nitrogen-containing compounds, bilirubin and hemoglobin with emphasis on their relationships to various disease states.

MLT1620C (4.0 credit hours)

Clinical Chemistry II
Continues MLT1610C (Clinical Chemistry I). Presents theoretical concepts, principles and the performance of procedures used for the measurement of enzymes, lipids, electrolytes, trace elements, endocrinology, toxicology and therapeutic drug with emphasis on their relationships to various disease states. Prerequisite MLT1610C with grade of "C" or higher

MLT1802 (3.5 credit hours)
Clinical Practicum Part I
Assigns students to a clinical laboratory site that is NAACLS and state-approved. This supervised laboratory rotation provides students with an opportunity to practice procedural skills, with emphasis on the transition from student to professional. Prerequisite: Completion of all major courses with a grade of "C" or better

MLT1804 (3.5 credit hours)
Clinical Practicum Part II
Continues MLT1802L (Clinical Practicum Part I). Assigns students to a clinical laboratory at a NAACL and state-approved site. This supervised laboratory rotation provides students with an opportunity to practice procedural skills, with emphasis on the transition from student to professional. Prerequisite: MLT1802L with grade of "C" or better

MLT2210C (4.0 credit hours)
Urinalysis
Provides a didactic study and performance of physical, chemical and microscopic analysis of urine.

MLT2300C (4.0 credit hours)
Hematology I
Presents the didactic study of the origin and morphology of blood cells and the ability to interpret the clinical significance of test results. Topics include performance of phlebotomies, blood cell counts and coagulation procedures (both manually and automated).

MLT2365C (4.0 credit hours)
Hematology II
Continues MLT2300C (Hematology I). Topics include a didactic study of diseases related to erythrocytes, leukocytes, thrombocytes and coagulation factors as well as the clinical significance of test results by providing additional opportunities for the performance of phlebotomies, blood cell counts and coagulation procedures. Prerequisite: MLT2300C with grade of "C" or higher

MLT2402C (4.0 credit hours)
Microbiology I
Instructs in the cultivation, isolation and identification of medically important microorganisms in establishing a diagnosis of infectious disease.

MLT2403C (4.0 credit hours)
Microbiology II
Continues MLT2402C (Microbiology I). Instructs in the cultivation, isolation and identification of medically important microorganisms in establishing a diagnosis of infectious disease. Prerequisite: MLT2402C with grade of "C" or higher

MLT2500C (4.0 credit hours)
Serology/Immunology
Examines theoretical concepts of the human immune system in health and disease and instructs students in serological procedures.

MLTC2525 (4.0 credit hours)
Immunohematology I
Instructs in the study of blood group antigens and antibodies, the theory of genetics, the performance of basic blood bank procedures involving blood group and Rh typing, antibody screens and identification, and compatibility testing.

MLT 2528 (4.0 credit hours)
Immunohematology II
Continues MLT 2525C (Immunohematology I). Instructs in the didactic study of blood bank procedures involved in donor screening requirements, transfusion therapy, safety and quality controls, hemolytic disease of the newborn, blood component preparation, and the adverse effects of transfusions. Prerequisite: MLT2525C with grade of "C" or higher.

Lower Division General Education Requirements
See specific Lower Division general education requirements for an Associate of Science degree as a Medical Laboratory Technician in the Program Descriptions section of this catalog.

PAGE 411, COURSE DESCRIPTIONS, AS OCCUPATIONAL THERAPY ASSISTANT

Replace this section with the following:

OCCUPATIONAL THERAPY ASSISTANT

Associate of Science Degree

Major Course Requirements

OTH1007 (5.0 credits)
Introduction to Occupational Therapy
Provides general knowledge about the field of occupational therapy through a study of its history, philosophy and scope of practice. Foundations of professional development include AOTA Standards of Practice, AOTA Code of Ethics, NBCOT certification, licensure laws and healthcare regulations. Topics include theoretical models of intervention, occupation-centered and evidence-based practice along the healthcare continuum. Prerequisites all general education courses.

OTH1203c (4.0 credit hours)
Human Occupation and development across the Life Span
Presents the physical, cognitive, and socio-emotional components of normal human development over the course of a life span. Topics include developmental theories, stages in the lifespan, awareness of socio-cultural factors in human occupational development Prerequisite: OTH 1007

OTH1014C (4.0 credit hours)
Kinesiology for Occupational Therapy Assistants
Course provides the basic knowledge of the muscular and skeletal systems of the human body and principles of human movement physiology. Topics include analysis of movement during activity, kinesiology, body mechanics and concepts of ergonomics. Prerequisite: OTH1203c

OTH1432C (4.0 credit hours)
Neurological Disorders/Assessment and Treatment Strategies
Presents an advanced overview of the development and function of the central nervous system. Topics include etiology, signs, symptoms, and prognoses of conditions involving the central nervous system. Additional topics include assessments of neurological function, appropriate treatment/intervention and documentation. Prerequisite: OTH1433C

OTH1433C (4.0 credit hours)
Musculoskeletal Disorders/Assessment and Treatment Strategies
Presents the etiology, typical course of symptoms, treatment, and prognoses of various disabling musculoskeletal conditions commonly treated in occupational therapy settings. Topics include assessment of muscle function and treatments such as transfer training, adaptive equipment, assistive devices, wheelchair adaptation, ergonomic modifications, safety and accessibility factors. Prerequisite: OTH1014c

OTH2300C (4.0 credit hours)
Psychiatric Disorders/Assessment and Treatment Strategies
Addresses mental disorders and appropriate occupational therapy treatment techniques. Topics include recognizing needs of an individual with a mental disorder regarding performance of self-care, play/leisure, and work with knowledge of the influences of individual, family, cultural and community values. Familiarity with diagnostic criteria, according to the DSM-IV and medication side effects is developed. Prerequisite: OTH1432C

OTH2022C (2.0 credit hours)
Group Dynamics

Focuses on fundamentals of dynamic interactive processes, communication, development of observational skills and group techniques. Topics include the role and responsibilities of an OTA as a group leader, developmental stages of group treatment, self-awareness in relation to one's own behaviors and other professional skills. Prerequisite:

OTH2121C (2.0 credit hours)

Therapeutic Media

Focuses on media appropriate to occupational therapy treatment. Purposeful activities are those of leisure/play, creative and expressive arts, and other tasks and activities which may be used as evaluation and treatment techniques. Emphasis is on activity analysis and adaptation and gradation of media to meet patient needs. Cultural diversity, individual values, interests and needs are incorporated in the selection of appropriate media for treatment/intervention. Prerequisite: OTH2022C

OTH2800 (2.0 credit hours)

Fieldwork I

Initially provides students with exposure to clinical practice. Students observe the practical application of theoretical foundations learned in class. Program management and scope of practice issues are also observed. A fieldwork education site provides observational opportunities, hands-on experience as appropriate, feedback to students and learning tasks. Prerequisite: OTH2121c

OTH2420C (4.0 credit hours)

Occupational Therapy for Physically Disabled

Provides principles and practice of occupational therapy treatment techniques for individuals with physical disabilities. Topics include selection of appropriate occupational therapy interventions for the physically disabled, use of adaptive equipment, task/environmental adaptation and principles of splinting. Students are introduced to treatment strategies of NDT and PNF. Simulated treatments and role-playing are essential aspects of this applications course. Prerequisite: OTH2800

OTH2520C (4.0 credit hours)

Pediatric Occupational Therapy

Presents specific issues in the practice of pediatric occupational therapy. Students learn their role is the assessment of needs regarding client performance of self-care and play/leisure activities, with emphasis on a school environment. In order to achieve treatment goals in this specialty area, common pediatric disorders, their etiology, prognoses, and appropriate occupational therapy treatment/intervention are explored, stressing the incorporation of activity analysis gradation, use of assistive technologies and adaptation of task/environment within a child's family setting. Prerequisite: OTH2420C

OTH2602C (4.0 credit hours)

Aging and Performance Skills

Consideration of sensorimotor, cognitive, and emotional skills experienced through senescence, death and dying. Special emphasis is placed on the aging process and the effects of community, culture, and family environment on an aging individual. Students are instructed in the pathological disease processes which commonly occur in an aging population. Maximizing patient function and wellness promotion as well as balanced lifestyles specific to the geriatric patient are explored. Prerequisite: OTH2520C

OTH 2013 (3.0 credit hours)

Occupational Therapy Pre-Clinical Practicum

Students learn skills required for entry-level professional practice including preparation for fieldwork experience, passage of national boards and state licensure. Professional behaviors and management skills are polished. Case studies will be used to practice competencies to support patient achievement of functional independence and performance in daily living skills task completion. Prerequisite OTH 2602C

OTH2840 (12.0 credits)

Fieldwork II

Level II fieldwork involves the attainment of academic, professional, technical and clinical skills for a period of two, eight-week rotations under the supervision of a licensed occupational therapy practitioner. Fieldwork II is scheduled immediately following completion of academic coursework. All Fieldwork II coursework must be completed within 12 months of a student's completion of academic courses. Prerequisite: OTH2013C

Lower Division General Education Requirements

See specific Lower Division general education requirements for an Associate of Science degree in Occupational Therapy Assistant in the Program Descriptions section of this catalog.

PAGE 441, GRADUATE ADMISSIONS REQUIREMENTS, PH.D. PROGRAMS

Replace this section with the following:

GRADUATE ADMISSIONS REQUIREMENTS

DOCTOR OF PHILOSOPHY IN EDUCATIONAL LEADERSHIP

DOCTOR OF PHILOSOPHY IN INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY

DOCTOR OF PHILOSOPHY IN INSTRUCTIONAL DESIGN TECHNOLOGY

DOCTOR OF PHILOSOPHY IN PSYCHOLOGY

Candidates for admission to the Ph.D. program are required to hold a master's degree (or equivalent) from an accredited institution.* An admission decision is based on a combination of a student's graduate academic performance, professional experience, letters of recommendation and/or standardized test scores. All students are encouraged to submit Graduate Record Examination (GRE) or Miller Analogy Test (MAT) scores in support of their application.

Required documents for admission are as follows:

Submission of a completed Graduate School Application
Submission of an unofficial transcript or copy of a foreign evaluation showing successful completion of a master's degree from with a completed Graduate School Application
Submission of official transcripts or original foreign evaluations showing successful completion of a master's degree from an accredited college or university received within the first semester of enrollment
Two letters of recommendation received within the first semester of enrollment
Formal resume indicating education and complete work history

Doctor of Philosophy in Industrial and Organizational Psychology and Psychology applicants with a Baccalaureate Degree

Required documents for admission are as follows:
*Applicants to the Ph.D. in Industrial and Organizational Psychology or Psychology degree program may enter the program with a Baccalaureate degree.

- Submission of a completed Graduate School Application
- Submission of an unofficial transcript or copy of a foreign evaluation showing successful completion of a bachelor's degree with a completed Graduate School Application
- Submission of official transcripts or original foreign evaluations showing successful completion of a bachelor's degree from an accredited college or university received within the first semester of enrollment
- Two letters of recommendation received within the first semester of enrollment
- Minimum GRE composite score of 1350 or MAT score at the 40th percentile received within the first semester of enrollment
- Formal resume indicating education and complete work history

Requirement for GRE/MAT scores may be waived for students who meet any one of the following:

Undergraduate degree from an accredited college or university with a grade average of at least 3.0
Undergraduate degree from an accredited college or university with a grade average of 2.7 or above with a minimum of two years of professional work experience
Completion of the first semester of enrollment with a minimum grade average of 3.0.

Failure to provide documentation or test scores or to achieve the grade point average required at the end of the first semester may lead to suspension or dismissal from the University.

Requirements for Doctor of Philosophy in Educational Leadership, Instructional Design and Technology, Industrial and Organizational Psychology or Psychology

To earn a Doctor of Philosophy degree from Keiser University, students must accomplish the following:

- Earn a minimum of 60 graduate semester credit hours
- Earn a minimum grade average of 3.0
- Have no more than two courses with a grade of "C"
- Complete the final 54 credits of the PhD program through Keiser University
- Complete all PhD degree requirements within eight years of beginning coursework; exceptions for extenuating circumstances reviewed by the Dean of the Graduate School
- Complete a one week residency before the end of the first calendar year
- Complete a second residency before the comprehensive examination
- Successfully complete a comprehensive examination prior to advancing to candidacy
- Advance to candidacy prior to entering into dissertation courses
- Maintain active student status until dissertation is approved
- Complete a proposal approved by a dissertation committee
- Successfully defend the proposal
- Complete a dissertation approved by a dissertation committee
- Successfully defend the dissertation

PAGE 444, GRADUATE ADMISSIONS REQUIREMENTS, MASTER OF ACCOUNTANCY

Insert the following before the requirements for Master of Business Administration:

MASTER OF ACCOUNTANCY

Candidates for admission to the MA program are required to hold a four-year baccalaureate degree (or equivalent) from an accredited institution. An undergraduate degree in accounting, business, or equivalent with appropriate upper division accounting courses is a requirement; qualified students from all backgrounds are encouraged to submit applications. An admission decision is based on a combination of a student's undergraduate and/or graduate academic performance, professional experience, letters of recommendation and/or standardized test scores. All students are encouraged to submit Graduate Management Admissions Test (GMAT), Graduate Records Examination (GRE) or Miller Analogy Test (MAT) scores in support of their application.

Required documents for admission are as follows:

- Submission of a completed Graduate School Application including the selection of a concentration
- Submission of an unofficial transcript or copy of a foreign evaluation showing successful completion of an appropriate bachelor's degree including upper division coursework in accounting: financial, managerial/cost, tax, and auditing with a completed Graduate School Application
- Submission of official transcripts or original foreign evaluations showing successful completion of an appropriate bachelor's degree program including upper division coursework in accounting: financial, managerial/cost, tax, and auditing from an accredited college or university received within the first semester of enrollment
- Two letters of recommendation received within the first semester of enrollment
- Minimum GMAT score of 450, GRE composite score of 1350 or MAT score at the 40th percentile received within the first semester of enrollment
- Formal resume indicating education and complete work history

Requirement for GMAT/GRE/MAT scores may be waived for students who meet any one of the following:

- Graduate degree from an accredited institution
- Appropriate undergraduate degree from an accredited college or university with a grade average of at least 3.0
- Appropriate undergraduate degree from an accredited college or university with a grade average of 2.7 or above with a minimum of two years of accounting or related professional work experience
- Completion of the first semester of enrollment with a minimum grade average of 3.0.

Failure to provide documentation or test scores or to achieve the grade point average required at the end of the first semester may lead to suspension or dismissal from the University.

PAGE 445, GRADUATE SCHOOL ADMISSION REQUIREMENTS – JOINT GRADUATE DEGREE PROGRAMS

Insert the following above "Master of Science in Education":

JOINT GRADUATE DEGREE PROGRAMS

EDUCATION AND BUSINESS

Joint Master of Science in Education and Master of Business Administration Degree

Program Description

The Joint Master of Science in Education and Master of Business Administration (MSEd-MBA) degree program is designed for career college professionals who aspire to leadership positions in postsecondary education. The joint degree program fosters independent learning and enables students to contribute intellectually to the field of career college administration. The curriculum focuses on the essential knowledge and capabilities necessary to work as a career college leader by providing a foundation in technology, curriculum, personnel, enrollment management, higher education marketing and recruitment, campus operations, accounting, economics, finance, and project management. Graduates are able to demonstrate a conceptual understanding of advanced educational theory and practice and to critically analyze and solve problems based on applied research methods.

Program Objectives

Keiser University's MSE-MBA program enables students to lead education-related organizations and businesses. Upon completion of this program, students are able to:

- Demonstrate theory-based and practical leadership in higher education and related fields.
- Direct educational operations including marketing, campus operations, personnel recruitment and development, and enrollment management.
- Exhibit competency in professional practices including ethics, diversity, legal issues, and communication with all education and business stakeholders.
- Incorporate critical thinking, scholarly writing, research, and technology in practice.
- Design and assess curriculum, instruction, and programs related to student success.
- Apply selected methods of quantitative analysis to enhance business decisions.
- Evaluate an organization's financial position through financial statement analysis and/or forecasting.
- Compare economic environments and markets and their impact on education-related business.
- Through a conceptual understanding, apply managerial leadership skills, marketing strategies, and/or international business concepts, theory, and research to critically analyze and solve problems in unpredictable environments.
- Demonstrate professional communication skills in writing through organizing, thinking critically, and communicating ideas and information in documents and presentations.

Prerequisites for Major Courses

- Baccalaureate degree from an accredited institution.

The Joint Master of Science in Education-Master of Business Administration is designed to meet the needs of students with accredited baccalaureate degrees. Students may be classroom practitioners, education administrators, teachers seeking positions within administration, or career college professionals.

NOTE: Courses in the Joint MSEd MBA program are each eight-weeks in length, and students are scheduled for one or two courses concurrently.

Program Outline

To receive a Joint Master of Science in Education – Master of Business Administration degree, students must earn 60 graduate semester credit hours. In the final semester of their program, students complete a capstone business strategies project. Fifty-four of the program hours must be completed through Keiser University. Program requirements are as follows:

Master of Science in Education Major Core Courses (30.0 credit hours)

EDU510	Affirming Diversity	3.0 credit hours
EDU511	Integrative Instructional Technology	3.0 credit hours
EDU512	Education Governance, Motivation and Ethical Decision Making (co-requisite course)	3.0 credit hours
EDU513	Advanced Curriculum and Instructional Design	3.0 credit hours
EDU514	Advanced Educational Assessment and Evaluation	3.0 credit hours
EDU560	Enrollment Management Theory and	

	Practice	3.0 credit hours
EDU562	Higher Education Marketing and Recruitment	3.0 credit hours
EDU563	Managing Campus Operations	3.0 credit hours
EDU552	Personnel Selection and Development	3.0 credit hours
EDU565	Student Retention and Management	3.0 credit hours

Masters of Business Administration Major Core Courses (30.0 credit hours)

AGC501	Survey of Accounting	3.0 credit hours
ACG5075	Accounting for Decision Making	3.0 credit hours
FIN521	Financial Management	3.0 credit hours
MAN542	Business Research Methods	3.0 credit hours
MAN551	International Business	3.0 credit hours
MAN571	Organizational Behavior (co-requisite for business courses)	3.0 credit hours
MAN573	Project Management	3.0 credit hours
ECO581	Managerial Economics	3.0 credit hours
MAN673	Organizational Change	3.0 credit hours
MBA699	Capstone: Business Strategies	3.0 credit hours

PAGE 451, GRADUATE SCHOOL ADMISSION REQUIREMENTS – CERTIFICATE IN CAREER COLLEGE ADMINISTRATION

Insert the following above "TRANSFER OF CREDIT PROCEDURES":

GRADUATE EDUCATION CERTIFICATE IN CAREER COLLEGE ADMINISTRATION

Candidates for admission to the Graduate Education Certificate in Career College Administration program are required to hold a four-year baccalaureate degree (or equivalent) from an accredited institution. An undergraduate degree in education is not a requirement; qualified students from all backgrounds are encouraged to submit applications. An admission decision is based on a combination of a student's undergraduate and/or graduate academic performance, professional experience, letters of recommendation and/or standardized test scores. All students are encouraged to submit Graduate Record Examination (GRE) or Miller Analogy Test (MAT) scores in support of their application.

Required documents for admission are as follows:

- Submission of a completed Graduate School Application
- Submission of an unofficial transcript or copy of a foreign evaluation showing successful completion of a bachelor's degree with a completed Graduate School Application
- Submission of official transcripts or original foreign evaluations showing successful completion of a bachelor's degree program from an accredited college or university received within the first semester of enrollment
- Two letters of recommendation received within the first semester of enrollment
- Minimum GRE composite score of 295 or MAT score at the 40th percentile received within the first semester of enrollment
- Formal resume indicating education and complete work history

Requirement for GRE/MAT scores may be waived for students who meet any one of the following:

- Graduate degree from an accredited institution
- Undergraduate degree from an accredited college or university with a grade average of at least 3.0
- Undergraduate degree from an accredited college or university with a grade average of 2.7 or above with a minimum of two years of professional work experience
- Completion of the first semester of enrollment with a minimum grade average of 3.0.
- Failure to provide documentation or test scores or to achieve the grade point average required at the end of the first semester may lead to suspension or dismissal from the University.

PAGE 451, GRADUATE SCHOOL – INTERNATIONAL STUDENTS LANGUAGE WAIVER

Replace this section with the following:

INTERNATIONAL STUDENTS

Keiser University is proud of the international character of its student body and welcomes students from other nations. All international students must be fluent in English before they enroll. Applicants are asked to furnish proof that they can read, write and speak English fluently. The University accepts only F-1 visas based upon a student's program of study. International student applicants must meet the following requirements for admission to Keiser University:

1. Successful completion of a baccalaureate degree program that is equivalent to a baccalaureate degree in the United States. (Official records must be evaluated by an approved educational evaluator service attesting that completion is equivalent to a baccalaureate degree completed in the United States.)
2. Certification of financial ability to meet tuition and other necessary expenses or ability to qualify for financial aid as an eligible non-citizen.
3. If an applicant's primary language is not English, the applicant must present a TOEFL® score of 500 or higher on a paper-based examination, a score of 173 on a computer-based examination, an internet-based score (iBT) of 61, or an IELTS™ score of 6.0 or higher.

Applications for international students can be obtained through the Admissions Office. Applications should be submitted at least two months prior to the start of a program.

PAGE 451, GRADUATE SCHOOL – MILITARY/VA CERTIFICATION GUIDELINES FOR GRADUATE STUDY

Insert the following above "Tuition, Fees, and Other Costs":

MILITARY/VETERANS ADMINISTRATION COURSE CERTIFICATION GUIDELINES FOR GRADUATE STUDY

Hybrid courses combine online and on ground classes, meeting a minimum of four times for 16 hours of face to face contact. Hybrid courses are considered in resident.

PAGE 451, GRADUATE SCHOOL – TUITION, FEES, AND OTHER COSTS

Replace this section with the following:

Keiser University desires to eliminate possible areas of misunderstanding before students begin class. This allows the University to devote future efforts to support our students' education. At Keiser University tuition and fees are charged to the student by the semester. Each semester is 16 weeks. Keiser University students are not charged by the course or by credit hours. University student tuition and fees are subject to annual review and modification.

Effective Fall term, August 27, 2012

Initial Fees

Application Fee (one-time charge)	$ 50.00
Registration Fee (one-time charge)	$ 145.00

Tuition Charge Per Semester (Tuition is charged and payable on the first day of the class in the semester)

Master Degree Program: Full Time Status	$9,208.00
Master of Science – Physician Assistant Degree Full Time Status	$9,208.00
Graduate Level Certificate Program	$9,208.00
Education Specialist Degree	$9,840.00
Doctoral Program	$9,840.00
Doctoral Program – Dissertation	$4,920.00
Doctoral Program – Dissertation beyond Semester 4	$2,460.00

Tuition for Students less than full time: tuition is charged based on a pro-rata calculation at the beginning of the semester.

Education Fee per Semester	$ 600.00

Other Fees

PANCE (Physician Assistant Certification Exam)	$ 450.00

Doctoral Residency 1 On campus training*	$1,200.00
Doctoral Residency 2 On campus training*	$ 600.00
Withdrawal Fee	$ 100.00
Re-entry Fee	$ 150.00

Degree programs with Majors that require a student kit, will be assessed a fee accordingly.
Degree program Majors with certification testing will be assessed a fee accordingly.
Textbook prices are available on the student portal by course.
Students taking online courses who have the textbooks shipped will have shipping charges assessed to them.
Late Fee for students who have Cash Payments, the late fee charge is $10.00 per month for each month past due.

Keiser University reserves the right to make any change in tuition, fees, curriculum or any phase of its program where it is the opinion of the administration that the students or the university will benefit. Such changes may be made without further notice. Tuition is charged by the semester as stated above. An academic transcript will not be released if the student has a balance with the institution for any reason.

**Students are responsible for the cost of their travel, accommodations, food, and other expenses associated with residencies.*

PAGE 461, GRADUATION REQUIREMENTS, PH.D. AND D.B.A. PROGRAMS

Replace this section with the following:

GRADUATION REQUIREMENTS

Graduate Degrees

Requirements for Doctor of Philosophy in Educational Leadership, Doctor of Philosophy in Industrial and Organizational Psychology, Doctor of Philosophy in Instructional Design and Technology, or Doctor of Philosophy in Psychology

To earn a Doctor of Philosophy degree from Keiser University, students must accomplish the following:

- Earn a minimum of 60 graduate semester credit hours
- Earn a minimum grade average of 3.0
- Have no more than two courses with a grade of "C"
- Complete the final 54 credits of the PhD program through Keiser University
- Complete all PhD degree requirements within eight years of beginning coursework; exceptions for extenuating circumstances reviewed by the Graduate School Dean
- Complete a one week residency before the end of the first calendar year
- Successfully complete a comprehensive examination prior to advancing to candidacy
- Advance to candidacy prior to entering into dissertation courses
- Maintain active student status until dissertation is approved
- Complete a proposal approved by a dissertation committee
- Successfully defend the proposal
- Complete a dissertation approved by a dissertation committee
- Successfully defend the dissertation

Requirements for Doctor of Business Administration degree program

To earn a Doctor of Philosophy degree from Keiser University, students must accomplish the following:

- Earn a minimum of 60 graduate semester credit hours
- Earn a minimum grade average of 3.0
- Have no more than two courses with a grade of "C"
- Complete the final 54 credits of the DBA program through Keiser University
- Complete all DBA degree requirements within eight years of beginning coursework; exceptions for extenuating circumstances reviewed by the Dean of the Graduate School
- Students will complete (2) two residencies, the initial residency in the first year and the subsequent residency after passing the comprehensive examination. Students will complete the business foundation courses, research courses, and comprehensive examination prior to beginning dissertation courses.

- Successfully complete a comprehensive examination prior to advancing to candidacy
- Advance to candidacy prior to entering into dissertation courses
- Complete a proposal approved by a dissertation committee
- Successfully defend the proposal
- Complete a dissertation approved by a dissertation committee
- Successfully defend the dissertation
- Maintain active student status until dissertation is approved

PAGE 462, ADDITIONAL REQUIREMENTS, JOINT GRADUATE DEGREE PROGRAMS

Insert the following below requirements for Master of Business Administration:

Requirements for Joint Master of Science in Education - Master of Business Administration
To earn a Joint Master of Science in Education-Master of Business Administration degree from Keiser University, students must accomplish the following:

- Earn a minimum of 60 graduate semester credit hours
- Earn a minimum grade average of 3.0
- Have no more than two courses with a grade of "C"
- Complete the final 54 credits of the MSEd-MBA program through Keiser University
- Complete all MSEd-MBA degree requirements within five years of beginning coursework; exceptions for extenuating circumstances reviewed by the Dean of the Graduate School

PAGE 464, ADDITIONAL REQUIREMENTS, MASTER OF ACCOUNTANCY

Insert the following before "Additional Requirements for Master of Business Administration":

Additional Requirements for Master of Accountancy
To earn a Master of Accountancy degree from Keiser University, students must accomplish the following:

- Earn a minimum of 36 graduate semester credit hours
- Earn a minimum grade average of 3.0
- Have no more than two courses with a grade of "C"
- Complete the final 30 credits of the Master of Accountancy program through Keiser University
- Complete all Master of Accountancy degree requirements within five years of beginning coursework; exceptions for extenuating circumstances reviewed by the Dean of the Graduate School

PAGE 465, GRADUATE EDUCATION CERTIFICATE COMPLETION REQUIREMENTS

Graduate Education Certificate Program
To earn a Graduate Education Certificate from Keiser University, students must accomplish the following:

- Earn a minimum of 18 graduate semester credit hours
- Earn a minimum grade average of 3.0
- Have no more than two courses with a grade of "C"
- Complete all 18 credit hours through Keiser University

PAGE 536, ACADEMIC CALENDARS

Replace the undergraduate and graduate academic calendars with the following. Semester breaks begin on the Monday following the end of classes.

Academic Calendar

Term Calendar 2012

Semester I
01/01/12 New Year's Day

01/02/12	**New Year's Day observed**
01/03/12	Return
01/02/12-01/28/12	Term A Classes Begin
01/16/12	**Martin Luther King Jr. Day**
01/17/12	Return
01/30/12-02/25/12	Term B Classes Begin
02/20/12	**President's Day**
02/21/12	Return
02/27/12-03/24/12	Term C Classes Begin
03/26/12-04/21/12	Term D Classes Begin
04/06/12-04/09/12	**Easter Break**
04/10/12	Return
04/22/12-04/29/12	**Spring Break**

Semester II

04/30/12-05/26/12	Term A Classes Begin
05/28/12	**Memorial Day**
05/29/12	Return
05/28/12-06/23/12	Term B Classes Begin
06/25/12-07/21/12	Term C Classes Begin
07/04/12	**Independence Day**
07/05/12	Return
07/23/12-08/18/12	Term D Classes Begin
08/19/12-08/26/12	**Summer Break**

Semester III

08/27/12-09/22/12	Term A Classes Begin
09/03/12	**Labor Day**
09/04/12	Return
09/24/12-10/20/12	Term B Classes Begin
10/22/12-11/17/12	Term C Classes Begin
11/19/12-12/15/12	Term D Classes Begin
11/22/12-11/25/12	**Thanksgiving Break**
11/26/12	Return
12/16/12-01/06/13	**Holiday Break**

Term Calendar 2013

Semester I

01/01/13	**New Year's Day**
01/07/13-02/02/13	Term A Classes Begin
01/21/13	**Martin Luther King Jr. Day**
01/22/13	Return
02/04/13-03/02/13	Term B Classes Begin
02/18/13	**President's Day**
02/19/13	Return
03/04/13-03/30/13	Term C Classes Begin
03/29-04/01/13	**Easter Break**
04/02/13	**Return**
04/01/13-04/27/13	Term D Classes Begin
04/28/13-05/05/13	**Spring Break**

Semester II

05/06/13-06/01/13	Term A Classes Begin
05/27/13	**Memorial Day**
05/28/13	Return

06/03/13-06/29/13	Term B Classes Begin
07/01/13-07/27/13	Term C Classes Begin
07/04/13	**Independence Day**
07/05/13	Return
07/29/13-08/24/13	Term D Classes Begin
08/25/13-09/01/13	**Summer Break**

Semester III

09/02/13-09/28/13	Term A Classes Begin
09/02/13	**Labor Day**
09/03/13	Return
09/30/13-10/26/13	Term B Classes Begin
10/28/13-11/23/13	Term C Classes Begin
11/25/13-12/21/13	Term D Classes Begin
11/28/13-12/01/13	**Thanksgiving Break**
12/02/13	Return
12/22/13-01/05/14	**Holiday Break**

Term Calendar 2014

Semester I

01/01/14	**New Year's Day**
01/06/14-02/01/14	Term A Classes Begin
01/20/14	**Martin Luther King Jr. Day**
01/21/14	Return
02/03/14-03/01/14	Term B Classes Begin
02/17/14	**President's Day**
02/18/14	Return
03/03/14-03/29/14	Term C Classes Begin
03/31/14-04/26/14	Term D Classes Begin
04/18/14-04/21/14	**Easter Break**
04/22/14	Return
04/27/14-05/04/14	**Spring Break**

Semester II

05/05/14-05/31/14	Term A Classes Begin
05/26/14	**Memorial Day**
05/27/14	Return
06/02/14-06/28/14	Term B Classes Begin
06/30/14-07/26/14	Term C Classes Begin
07/04/14	**Independence Day**
07/07/14	Return
07/28/14-08/23/14	Term D Classes Begin
08/24/14-08/31/14	**Summer Break**

Semester III

09/01/14-09/27/14	Term A Classes Begin
09/01/14	**Labor Day**
09/02/14	Return
09/29/14-10/25/14	Term B Classes Begin
10/27/14-11/22/14	Term C Classes Begin
11/24/14-12/20/14	Term D Classes Begin
11/27/14-11/30/14	**Thanksgiving Break**
12/01/14	Return
12/21/14-01/04/15	**Holiday Break**

Term Calendar 2015

Semester I

01/01/15	**New Year's Day**
01/05/15-01/31/15	Term A Classes Begin
01/19/15	**Martin Luther King Jr. Day**
01/20/15	Return
02/02/15-02/28/15	Term B Classes Begin
02/16/15	**President's Day**
02/17/15	Return
03/02/15-03/28/15	Term C Classes Begin
03/30/15-04/25/15	Term D Classes Begin
04/03/15-04/06/15	**Easter Break**
04/07/15	Return
04/26/15-05/03/15	**Spring Break**

Semester II

05/04/15-05/30/15	Term A Classes Begin
05/25/15	**Memorial Day**
05/26/15	Return
06/01/15-06/27/15	Term B Classes Begin
06/29/15-07/25/15	Term C Classes Begin
07/03/15-07/05/15	**Independence Day Break**
07/06/15	Return
07/27/15-08/22/15	Term D Classes Begin
08/23/15-**08/30/**15	**Summer Break**

Semester III

08/31/15-09/26/15	Term A Classes Begin
09/07/15	**Labor Day**
09/08/15	Return
09/28/15-10/24/15	Term B Classes Begin
10/26/15-11/21/15	Term C Classes Begin
11/23/15-12/19/15	Term D Classes Begin
11/26/15-11/29/15	**Thanksgiving Break**
11/30/15	Return
12/20/15-01/03/16	**Holiday Break**

Graduate School Academic Calendar

Term Calendar 2012

Semester I

01/01/12	**New Year's Day**
01/02/12	**New Year's Day observed**
01/03/12	Return
01/02/12-04/21/12	Winter Semester
01/02/12-02/25/12	Term A Classes Begin
01/16/12	**Martin Luther King Jr. Day**
01/17/12	Return
02/20/12	**President's Day**
02/21/12	Return
02/27/12-04/21/12	Term C Classes Begin
04/22/12-**04/29/12**	**Spring Break**

Semester II

04/30/12-08/18/12	Summer Semester
04/30/12-06/23/12	Term A Classes Begin
05/28/12	**Memorial Day**
05/29/12	Return
06/25/12-08/18/12	Term C Classes Begin
07/04/12	**Independence Day**
07/05/12	Return
08/19/12-**08/26/12**	**Summer Break**

Semester III

08/27/12-12/15/12	Fall Semester
08/27/12-10/20/12	Term A Classes Begin
09/03/12	**Labor Day**
09/04/12	Return
10/22/12-12/15/12	Term C Classes Begin
11/22/12-**11/23/12**	**Thanksgiving Break**
11/28/12	Return
12/16/12-**01/06/13**	**Holiday Break**

Term Calendar 2013

Semester I

01/01/13	**New Year's Day**
1/07/13-04/27/13	Winter Semester
01/07/13-03/2/13	Term A Classes Begin
01/21/13	**Martin Luther King Jr. Day**
01/22/13	Return
02/18/13	**President's Day**
02/19/13	Return
03/04/13-04/27/13	Term C Classes Begin
04/28/13-05/05/13	**Spring Break**

Semester II

05/30/13-08/24/12	Summer Semester
05/06/13-06/29/13	Term A Classes Begin
05/27/13	**Memorial Day**
05/28/13	Return
07/01/13-08/24/13	Term C Classes Begin
07/04/13	**Independence Day**
07/05/13	Return
08/25/13-09/1/13	**Summer Break**

Semester III

09/02/13-12/21/13	Fall Semester
09/02/13-10/26/13	Term A Classes Begin
09/02/13	**Labor Day**
09/03/13	Return
10/28/13-12/21/13	Term C Classes Begin
11/28/13-11/29/13	**Thanksgiving Break**
12/02/13	Return
12/22/13-01/05/13	**Holiday Break**

Term Calendar 2014

Semester I

01/1/14	**New Year's Day**
01/6/14-04/26/14	Winter Semester

01/6/14-03/1/14	Term A
01/20/14	**Martin Luther King Jr. Day**
02/17/14	**President's Day**
03/3/14-04/26/14	Term C
04/18/14-04/21/14	**Easter Break**
04/27/14-05/4/14	**Spring Break**

Semester II

05/5/14-08/23/14	Summer Semester
05/5/14-06/28/14	Term A
05/26/14	**Memorial Day**
06/30/14-08/23/14	Term C
07/4/14	**Independence Day**
08/24/14-08/31/14	**Summer Break**

Semester III

09/1/14-12/20/14	Fall Semester
09/1/14-10/25/14	Term A
09/1/14	**Labor Day**
10/27/14-12/20/14	Term C
11/27/14-11/30/14	**Thanksgiving Break**
12/21/14-01/4/15	**Holiday Break**

Term Calendar 2015

Semester I

01/5/15	**New Year's Day**
01/5/15-04/25/15	Winter Semester
01/5/15-02/28/15	Term A
01/19/15	**Martin Luther King Jr. Day**
02/16/15	**President's Day**
03/2/15-04/25/15	Term C
04/3/15-04/6/15	**Easter Break**
04/26/15-05/3/15	**Spring Break**

Semester II

05/4/15-08/22/15	Summer Semester
05/4/15-06/27/15	Term A
05/25/15	**Memorial Day**
06/29/15-08/22/15	Term C
07/03/15-07/5/15	**Independence Day Break**
07/06/15	**Return**
08/23/15-08/30/15	**Summer Break**

Semester III

08/31/15-12/19/15	Fall Semester
08/31/15-10/24/15	Term A
09/7/15	**Labor Day**
10/26/15-12/19/15	Term C
11/26/15-11/29/15	**Thanksgiving Break**
12/20/15-1/3/16	**Holiday Break**