Undergraduate Curriculum Committee (UCC)
Meeting Minutes
Thursday February 9, 2017
2:00 pm
Brewster B-104

Regular Members Present:
Jean-Luc Scemama
Mark Johnson
Karen Vail-Smith
Nancy Spalding
Michael Dingfelder
Gail Ratcliff

Regular Members Excused:
David Batts
Mark Richardson

Ex-Officio Members Present:
Josie Bowman
Patrick Rider
David Wilson-Okamura
Lori Flint
Rachelle Benavidez - Student Representative

Ex-Officio Members Excused:

IPAR, IPA Institutional Planning and Accreditation
Patricia Gregory

Office of the Registrar:
Diane Coltraine

I. Call to Order

II. College of Allied Health
Department of Health Services and Information Management
(Susie Harris, Martha Chapin, Leigh Cellucci)

1. Proposal of New Courses: HIMA 4145, 4170
2. Revision of an Existing Degree: Health Information Management, BS

Discussion/Revisions:
In HIMA 4145 and HIMA 4170 course proposals need to add the date of approval to the justification. Suggested edits were made to the course description for HIMA 4145. In the marked catalog copy there are courses deleted that need to be included in the memo. Make sure the marked catalog copy contains changes made to course description for HIMA 4145.
**Action:** Approved as amended.

II. **College of Allied Health**  
Department of Health Services and Information Management  
(Leigh W. Cellucci, Martha Chapin)

1. **Proposal of a New Course:** HSMA 4080  
2. **Revision of Existing Course Titles:** HSMA 4050, 4056  
3. **Deletion of an Existing Course:** HSMA 3035  
4. **Revision of an Existing Degree:** Health Services Management, BS

**Discussion/Revisions:** Described overview of program and differences between HIMA and HSMA programs. Need to edit the memo and reorganize the content listing. It should be made clear that the term “students on probation” refers to probation from program and not from university. The information on probation should be included in catalog copy. Teaching strategies need to be added to the HSMA 4080 course proposal form. The memo should state that the Dept. of Mathematics was notified about the change and its response should be included.

**Action:** Approved as amended.

IV. **College of Education**  
Elementary Education and Middle Grades Education  
(Kristen Cuthrell, Joy Stapleton, Vivian Covington)

1. **Proposal of New Course:** ELEM 4400  
2. **Revision of Existing Courses:** ELEM 3600, 4325, 4500  
3. **Revision of an Existing Degree:** Elementary Education, BS

**Discussion/Revisions:**  
Memorandum of Request: Provided rationale for changes made which included evaluation data from external reviewers, and new accreditation standards. Gaps identified were evaluation and assessment. The proposed changes were to remove HLTH 3244 and KINE 3545 from the curriculum and add ELEM 4400. Difficulty was expressed in needing to make sure that the different components of math, reading and English all needed to be in the curriculum.

Stacey Altman, Chair of Department of Kinesiology, asked to speak in regards to continuing to include KINE 3545, since the course focus on the methods of physical education for the elementary grades. She shared an article regarding recess reform and the importance of physical education in the elementary schools. The problem in only requiring KINE 1000 for the elementary education degree is
that it is a 1 s.h. course which focuses on personal physical fitness for college-aged students. It does not include physical education teaching methods.

Don Chaney, Chair of the Department of Health Education, informed the group that in North Carolina public schools, the elementary education teacher is the health teacher and is mandated to teach specific health objectives. Substituting HLTH 1000 (1 s.h.) for HLTH 3244 will not provide elementary education majors with the content nor teaching methods necessary to effectively teach health. He expressed concern that dropping HLTH 3244 is a disservice to the future teachers and their students.

The UCC committee members and Chair suggested the need to be creative in meeting the objectives of both courses and encouraged continued meeting with the Elementary Education and Middle Grades Education faculty.

Dr. Ratcliff, Math Department indicated that with the addition of MATH 2127 there is a need for more resources, but it is not included in the course proposal.

David Wilson Okamura made a motion to the table package to next meeting during which time the groups that presented can come to a resolution.

**Action:** Motion to table the package was approved.

V. **College of Education**
Department of Special Education, Foundations and Research
(Sandra Warren)

1. **Proposal of New Courses:** SPED 3600, 3601, 3602, 3603
2. **Proposal of New Minor:** Disability Studies

**Discussion/Revisions:**

Conducted a survey of 8 programs across campus and the programs were supportive of development of a minor in Disability Studies. Memo explains that this is a non-teacher education 18-hour minor. The memo should include information from the course proposal justification to strength rationale for development of a new minor.

SPED 3600 Course Proposal Form. Journals and publications are listed since this field is quickly changing. Change statement of textbooks to relevant professional journal articles as they become available. Edit the course description to include disabled children and adults.
SPED 3601 Course Proposal Form: Provide professionals with knowledge to assist clients with disability and develop plans. Objectives focus on classroom environment. Objective #7 change “plan” to “Create” a behavioral intervention plan.

SPED 3602 Course Proposal Form: Suggested edits to objectives.

SPED 3603 Course Proposal Form: No suggested edits.

Catalog copy: Confirm that changes match those in the course description. Change “currents issues” to “current issues”.

Action: Approved as amended.

VI. College of Health and Human Performance
Department of Human Development and Family Science
(Susannah Berry, Susan McGhee)

1. Discontinuation of an Undergraduate Degree: Child Life, BS

Discussion/Revisions:
Presented rationale for discontinuing which is based on accreditation change and do not choose to continue to offer to students that will not be able to obtain a job.

Action: Approved.

VII. College of Health and Human Performance
Department of Health Education and Promotion
(Sue Raedeke, Kate Flanagan, Susan McGhee)

1. Proposal of New Courses: HLTH 2700, 3025, 3100, 4050
2. Revision of an Existing Undergraduate Course: ATEP 2800
3. Revision of Existing Course Prerequisites: HLTH: 3000, 3020, 3050, 3300, 3520, 4611, 4880
4. Revision of Existing Undergraduate Degrees: Public Health Studies, BS, Athletic Training BS

Discussion/Revisions:
Memorandum of Request: Committee and presenters discussed the rationale for 90 hours prior to acceptance into major. Transfer students need to have the GPA and the number of credit hours is the same.
HLTH 2700 Course Proposal Form: Discussed the differences between the other medical terminology courses, the intent and the students who will take the course.

HLTH 3100 Course Proposal Form: In outcomes (18b) suggested edit to the second objective “That affect Latino population” (not health).

HLTH 4050 Course Proposal Form The course can be repeated but should use a supplemental title in banner.

Marked Catalog Copy: Suggested edit format of course description for HLTH 3300 in regards to placement of P/C and consent of instructor.

Action: Approved as amended.

VIII. Academic Affairs
(Chris Lochlear, Lori Flint, and Diane Coltraine)

1. Movement of an Existing Undergraduate Degree to a New Academic Home:
   University Studies, BS

Discussion/Revisions:
See memo regarding requested change including FTE and budget dispersion. An interim Director of the Program has been appointed. The new academic home for this degree is the College of Arts and Sciences. The Dean and the Provost have already approved this action.

Action: Approved.

IX. Old Business:
None

X. New Business:
None

XI. Adjournment: 5:00pm

Minutes submitted by: J. Bowman
Curricular Actions Reviewed (2/9/2017)

<table>
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<th>Action Description</th>
<th>At this meeting:</th>
<th>To date, to include this meeting:</th>
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<td>New bachelor’s degrees (Phase III – curriculum approval); consolidations</td>
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HIMA 4145 - Classification Systems in Health Care

3 S

P: HIMA major; BIOL 2130, 2131; HIMA 3120; HSMA 3115. Coding of diseases and procedures by the International Classification of Diseases, coding of services and procedures according to the Healthcare Common Procedural Coding System, and coding for reimbursement.

HIMA 4170 - Privacy and Security in Health Information Systems

3 F

P: HIMA major. Laws and regulations governing health information privacy and security; threats to systems, networks, and data; and techniques for securing systems, networks, and data.

Department of Health Services and Information Management

Xiaoming Zeng, Chair, 4340D Health Sciences Building
Susie Harris, Undergraduate Program Director, 4340F Health Sciences Building

Programs

Bachelor’s

- Health Information Management, BS
- Health Services Management, BS

Minor

- Health Informatics Minor

Courses

Community Health
• COHE 5460 - Patient Education for Interdisciplinary Health Care Providers
• COHE 5461 - Patient Education for Interdisciplinary Health Care Providers

Health Information Management

• HIMA 2000 - Introduction to Health Information Management
• HIMA 3000 - Medical Terminology for Health Professionals
• HIMA 3032 - Record Documentation Systems
• HIMA 3113 - Applied Medical Sciences I
• HIMA 3118 - Applied Medical Sciences II
• HIMA 3120 - Health Care Delivery Systems
• HIMA 3142 - Diagnostic and Procedural Coding
• HIMA 3148 - Health Service Coding
• HIMA 4030 - Quality Management in Health Care
• HIMA 4075 - Applied Health Services Research
• HIMA 4081 - Directed Independent Project
• HIMA 4082 - Directed Independent Project
• HIMA 4083 - Directed Independent Project
• HIMA 4138 - Health Data Structures
• HIMA 4145 - Classification Systems in Health Care
• HIMA 4153 - Management of Health Information Services Department
• HIMA 4160 - Concepts in Health Information Technology
• HIMA 4165 - Health Information Systems
• HIMA 4170 - Privacy and Security in Health Information Systems
• HIMA 5060 - Health Informatics

Health Professions

• HPRO 2100 - Perspectives in Health Care
• HPRO 2501 - Allied Health Practice
• HPRO 2502 - Allied Health Practice
• HPRO 2503 - Allied Health Practice
• HPRO 2504 - Allied Health Practice
• HPRO 2505 - Allied Health Practice
• HPRO 4350 - Research Design
• HPRO 5011 - Gross Anatomy
• HPRO 5012 - Gross Anatomy
• HPRO 5030 - Neuroanatomy
• HPRO 5031 - Neuroanatomy

Health Services Management

• HSMA 2000 - Professional Roles and Environments in Health Care
• HSMA 3020 - Health Care Payment Systems
• HSMA 3025 - Professional Ethical Codes and Law in Health Care
• HSMA 3030 - Written Communication and Documentation in Health Care
• HSMA 3035 - Interpersonal Team Skills for Health Care Supervisors and Practitioners
• HSMA 3040 - Managing the Health of Populations
• HSMA 3045 - Health Data Management
• HSMA 3050 - Leadership in Health Care
• HSMA 3115 - Human Diseases
• HSMA 4010 - Health Information Management
• HSMA 4015 - Health Care Records and Data: Maintenance and Analysis
• HSMA 4020 - Health Care Reimbursement: Public
• HSMA 4025 - Health Care Reimbursement: Private
• HSMA 4028 - Health Care Reimbursement: Policy and Research
• HSMA 4050 - Personnel Management and Supervision in Health Care
• HSMA 4055 - Health Care Finance and Accounting
• HSMA 4056 - Marketing Health Care Services
• HSMA 4057 - Introduction to Long Term Care
• HSMA 4060 - Medical Practice Management
• HSMA 4065 - Management of Health Care Operations and Patient Flow
• HSMA 4070 - Outcomes Assessment and Management in Health Care
• HSMA 4075 - Managed Care in Health Systems
• HSMA 4081 - Advanced Topics in Health Care Management and Service Delivery
• HSMA 4082 - Advanced Topics in Health Care Management and Service Delivery
• HSMA 4083 - Advanced Topics in Health Care Management and Service Delivery
• HSMA 4903 - Allied Health Management Experience
• HSMA 4904 - Allied Health Management Experience
• HSMA 4905 - Allied Health Management Experience
• HSMA 4906 - Allied Health Management Experience

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Health Information Management, BS

A minimum 2.5 GPA is required for admission to the professional phase (junior and senior levels) of the health information management curriculum. See health information management admission packet for specific admission information. Majors must earn a minimum grade of C (2.0) in all foundations, cognate and core courses before progressing on to subsequent courses in the HIMA curriculum. A student earning a grade below C (2.0) in any of these courses must petition the Department of Health Services and Information Management for probationary continuation and may be required to repeat the course. Three grades below C (2.0) will result in dismissal from the HIMA program. Appeals of dismissals must be made in writing to the Student Affairs Committee of the Department of Health Services and Information Management.

Minimum degree requirement is 126 s.h. of credit as follows:
1. Foundations curriculum requirements including those listed below - 42 s.h.

(For information about courses that carry foundations curriculum credit see Liberal Arts Foundations Curriculum.)

- BIOL 2130 - Survey of Human Physiology and Anatomy
- BIOL 2131 - Survey of Human Physiology and Anatomy Laboratory
- MATH 1065 - College Algebra

Recommended:

- ECON 2113 - Principles of Microeconomics

2. Core - 71 66 s.h.

- HIMA 3000 - Medical Terminology for Health Professionals
- HIMA 3012 - Record Documentation Systems
- HIMA 3113 - Applied Medical Sciences I
- HIMA 3118 - Applied Medical Sciences II
- HIMA 3120 - Health Care Delivery Systems
- HIMA 3142 - Diagnostic and Procedural Coding
- HIMA 3148 - Health Service Coding
- HIMA 4030 - Quality Management in Health Care
- HIMA 4075 - Applied Health Services Research
- HIMA 4081 - Directed Independent Project
- HIMA 4138 - Health Data Structures
- HIMA 4145 - Classification Systems in Health Care
- HIMA 4153 - Management of Health Information Services Department
- HIMA 4160 - Concepts in Health Information Technology
- HIMA 4165 - Health Information Systems
- HIMA 4170 - Privacy and Security in Health Information Systems
- HSMA 2000 - Professional Roles and Environments in Health Care
- HSMA 3020 - Health Care Payment Systems
- HSMA 3025 - Professional Ethical Codes and Law in Health Care
- HSMA 3030 - Written Communication and Documentation in Health Care
- HSMA 3035 - Interpersonal Team Skills for Health Care Supervisors and Practitioners
- HSMA 3040 - Managing the Health of Populations
- HSMA 3045 - Health Data Management
- HSMA 3050 - Leadership in Health Care
- HSMA 3115 - Human Diseases
- HSMA 4010 - Health Information Management
- HSMA 4050 - Personnel Management and Supervision in Health Care
• HSMA 4055 - Health Care Finance and Accounting
• HSMA 4905 - Allied Health Management Experience

3. Cognates - 6 s.h.

• BIOS 1500 - Introduction to Biostatistics
• MIS 2223 - Introduction to Computers

4. Electives to complete requirements for graduation.
Health Information Management

HIMA 4030 - Quality Management in Health Care

3 S

P: HIMA 3113, HMSA 3115, HIMA 3120; or consent of instructor. Applies quality management principles across continuum of care.

Health Services Management

HSMA 3020 - Health Care Payment Systems

3 S

P: HSMA 2000; P/C: HIMA 3120; HSMA 3030 or consent of instructor, HSMA 3035. Overview of payment systems in health care across the continuum of care.

HSMA 4010 - Health Information Management

3 F

P: HIMA 3120, HSMA 3035. Introduces health information from perspective of control and management of information resources. Includes strategic information systems with emphasis on collection, organization, and interpretation of information for planning and evaluating of health care services.

HSMA 4050 - Personnel Management and Supervision in Health Care Human Resource Management for Health Care Organizations

3 F

P: HIMA 3120, HSMA 3035; or consent of instructor. Managerial theory and application, including management styles, personnel records and management, staff development, work re-design, ergonomics, and departmental performance assessment.

HSMA 4055 - Health Care Finance and Accounting
3 F,SS
P: HIMA 3120, HSMA 3035. Overview of departmental financial management and accounting functions as applied to health care environments. Includes inventory control, budgeting, cost analysis, resource allocation, capital expenditures, and financial forecasting.

HSMA 4056 - Marketing Health Care Services: Marketing for Health Care Organizations
3 S
P: HIMA 3120, HSMA 3035; or consent of instructor. Entrepreneurship and marketing services. Includes market assessment, strategic planning, designs, financial analyses, contracts, and outcomes management.

HSMA 4057 - Introduction to Long Term Care
3 S
P: HIMA 3120, HSMA 3035; or consent of instructor. Survey of the long term care system. Historical development and future trends, organizational structure, regulatory and accrediting bodies, multicultural issues, and policy formulation.

HSMA 4060 - Medical Practice Management
3 F
P/C: HSMA 4055. Overview of financial management processes of a physician practice including revenue and expenses cycles and use of practice software.

HSMA 4070 - Outcomes Assessment and Management in Health Care
3 F,S
P: HIMA 3120, HSMA 3035. Survey of outcomes research that includes methods, cost effectiveness, measurement, decision support, quality of life, and improvement management.

HSMA 4075 - Managed Care in Health Systems
3 F,S

HSMA 4080 - Economics for Health Care Managers
P: HIMA 3120; HSMA 3020. Examination of the production and delivery of health care services. Application of economic concepts and evaluation tools for decision making and assessment of policy implications.

HSMA 4081 - Advanced Topics in Health Care Management and Service Delivery

1 S

May be repeated for credit with consent of instructor and dept chair. P: HIMA 3120; HSMA 3035; consent of instructor, advisor, or dept chair. Directed research with written and oral presentations on advanced topic, emerging trend, or new system in health care delivery.

HSMA 4082 - Advanced Topics in Health Care Management and Service Delivery

2 S

May be repeated for credit with consent of instructor and dept chair. P: HIMA 3120; HSMA 3035; consent of instructor, advisor, or dept chair. Directed research with written and oral presentations on advanced topic, emerging trend, or new system in health care delivery.

HSMA 4083 - Advanced Topics in Health Care Management and Service Delivery

3 S

May be repeated for credit with consent of instructor and dept chair. P: HIMA 3120; HSMA 3035; consent of instructor, advisor, or dept chair. Directed research with written and oral presentations on advanced topic, emerging trend, or new system in health care delivery.

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Department of Health Services and Information Management

Xiaoming Zeng, Chair, 4340D Health Sciences Building
Susie Harris, Undergraduate Program Director, Health Information Management, 4340F Health Sciences Building
Leigh W. Cellucci, Undergraduate Program Director, Health Services Management, 4340T Health Sciences Building

Programs

Bachelor’s

- Health Information Management, BS
- Health Services Management, BS

Minor

- Health Informatics Minor

Courses

Health Services Management

- HSMA 2000 - Professional Roles and Environments in Health Care
- HSMA 3020 - Health Care Payment Systems
- HSMA 3025 - Professional Ethical Codes and Law in Health Care
- HSMA 3030 - Written Communication and Documentation in Health Care
- HSMA 3035 - Interpersonal Team Skills for Health Care Supervisors and Practitioners
- HSMA 3040 - Managing the Health of Populations
- HSMA 3045 - Health Data Management
- HSMA 3050 - Leadership in Health Care
- HSMA 3115 - Human Diseases
- HSMA 4010 - Health Information Management
- HSMA 4015 - Health Care Records and Data: Maintenance and Analysis
- HSMA 4020 - Health Care Reimbursement: Public
- HSMA 4025 - Health Care Reimbursement: Private
- HSMA 4028 - Health Care Reimbursement: Policy and Research
- HSMA 4050 - Personnel Management and Supervision in Health Care
- HSMA 4055 - Health Care Finance and Accounting
- HSMA 4056 - Marketing Health Care Services
- HSMA 4057 - Introduction to Long Term Care
- HSMA 4060 - Medical Practice Management
- HSMA 4065 - Management of Health Care Operations and Patient Flow
- HSMA 4070 - Outcomes Assessment and Management in Health Care
- HSMA 4075 - Managed Care in Health Systems
- HSMA 4080 - Economics for Health Care Managers
- HSMA 4081 - Advanced Topics in Health Care Management and Service Delivery
- HSMA 4082 - Advanced Topics in Health Care Management and Service Delivery
- HSMA 4083 - Advanced Topics in Health Care Management and Service Delivery
Admission to the BS in health services management program requires a minimum cumulative GPA of 2.5 and an application. Applications should be submitted when the student is nearing completion of foundations curriculum requirements. Undergraduate students interested in pursuing master’s level professional degrees in allied health disciplines are encouraged to seek academic advisement as freshmen.

Majors must earn a minimum grade of C (2.0) in all foundations curriculum, cognate and core courses before progressing on to subsequent courses in the HSMA curriculum. A student earning a grade below C (2.0) in any of these courses must petition the Department of Health Services and Information Management for probationary continuation and may be required to repeat the course. One grade below a C (2.0) will result in the students having to repeat the course. Two grades below C (2.0) will result in students being placed on program probation. Students on program probation in the major will not be able to take HSMA 4903, HSMA 4904, HSMA 4905, or HSMA 4906. Three grades below C (2.0) will result in dismissal from the HSMA program. Appeals of dismissals must be made in writing to the Student Affairs Committee of the Department of Health Services and Information Management.

Minimum degree requirement is 126-124 s.h. of credit as follows:

1. Foundations curriculum requirements including those listed below - 42 40 s.h.

(For information about courses that carry foundations curriculum credit see Liberal Arts Foundations Curriculum)

- BIOL 2130 - Survey of Human Physiology and Anatomy
- BIOL 2131 - Survey of Human Physiology and Anatomy Laboratory
- MATH 1065 - College Algebra

**Recommended:**

- ECON 2113 - Principles of Microeconomics

**2. Core - 52-55 s.h.**

- HIMA 3120 - Health Care Delivery Systems
- HIMA 4030 - Quality Management in Health Care
- HIMA 4075 - Applied Health Services Research
- HSMA 2000 - Professional Roles and Environments in Health Care
- HSMA 3020 - Health Care Payment Systems
- HSMA 3025 - Professional Ethical Codes and Law in Health Care
- HSMA 3030 - Written Communication and Documentation in Health Care
- HSMA 3035 - Interpersonal Team Skills for Health Care Supervisors and Practitioners
- HSMA 3040 - Managing the Health of Populations
- HSMA 3045 - Health Data Management
- HSMA 3050 - Leadership in Health Care
- HSMA 4010 - Health Information Management
- HSMA 4050 - Personnel Management and Supervision in Health Care
- HSMA 4055 - Health Care Finance and Accounting
- HSMA 4056 - Marketing for Health Care Organizations
- HSMA 4060 - Medical Practice Management
- HSMA 4065 - Management of Health Care Operations and Patient Flow
- HSMA 4080 Economics for Health Care Managers
- HSMA 4903 - Allied Health Management Experience
- HSMA 4904 - Allied Health Management Experience*
- HSMA 4905 - Allied Health Management Experience
- HSMA 4906 - Allied Health Management Experience

Note: * Students have the option of taking any combination of HSMA 4903, HSMA 4905 and HSMA 4906 for a total 3-6 semester hours of credit, instead of taking HSMA 4904.

**3. Cognates - 6 3-4 s.h.**

- BIOS 1500 - Introduction to Biostatistics or
- MATH 2228 - Elementary Statistical Methods I or
- MATH 2283 - Statistics for Business or
- PSYC 2101 - Psychological Statistics
4. Concentrations - 6-11 s.h.

(Choose one.)

**Allied health management concentration (8-11 s.h.)**

(Choose from the following.)

- HPRO 2501 - Allied Health Practice
- HPRO 2502 - Allied Health Practice
- HPRO 2503 - Allied Health Practice
- HPRO 2504 - Allied Health Practice
- HPRO 2505 - Allied Health Practice

**Health services management concentration (6 s.h.)**

- HIMA 3000 - Medical Terminology for Health Professionals
- HSMA 3115 - Human Diseases

5. Restricted electives to complete requirements for graduation.

(Choose from the following courses, prerequisites for allied health graduate programs, or others in consultation with advisor.)

- BITE 2212 - Basic Programming for Business Applications
- BITE 2311 - Financial Information Systems I
- BIOS 5010 - Epidemiology for Health Professionals
- GERO 2400 - Introduction to Gerontology
- HIMA 4165 - Health Information Systems
- HSMA 4015 - Health Care Records and Data: Maintenance and Analysis
- HSMA 4020 - Health Care Reimbursement: Public
- HSMA 4025 - Health Care Reimbursement: Private
- HSMA 4028 - Health Care Reimbursement: Policy and Research
- HSMA 4056 - Marketing Health Care Services
- HSMA 4057 - Introduction to Long Term Care
- HSMA 4070 - Outcomes Assessment and Management in Health Care
• HSMA 4075 - Managed Care in Health Systems
• HSMA 4081 - Advanced Topics in Health Care Management and Service Delivery
• HSMA 4082 - Advanced Topics in Health Care Management and Service Delivery
• HSMA 4083 - Advanced Topics in Health Care Management and Service Delivery

Choose 19-22 s.h. from the following courses:

• HPRO 2501 - Allied Health Practice
• HPRO 2502 - Allied Health Practice
• HPRO 2503 - Allied Health Practice
• HPRO 2504 - Allied Health Practice
• HPRO 2505 - Allied Health Practice
SPED 3600 - Issues, Trends, and Laws in Disability

3

P: SPED 2000. Analysis of laws, current issues, and trends concerning children and adults with disabilities; topics include legislation, definitions, identification/eligibility, and services.

SPED 3601 - Positive Behavior Strategies for Individuals with Disabilities

3

10 hour instructor-approved practicum required. P: SPED 2000. Applying principles of positive behavior intervention and support to address individual behavior challenges.

SPED 3602 - Introduction to Individuals with Autism Spectrum Disorder

3


SPED 3603 - Language and Communication for Individuals with Autism Spectrum Disorder

3

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Programs

Bachelor’s

- Special Education, Adapted Curriculum, BS
- Special Education, General Curriculum, BS

Minors

- Disability Studies Minor

Courses

Special Education

- SPED 2000 - Introduction to Exceptional Children
- SPED 2100 - Introduction to Students with Disabilities in the General Curriculum
- SPED 2109 - Introductory Practicum with Students with Disabilities in the General Curriculum
- SPED 2123 - Early Experiences for Prospective Teachers
- SPED 2200 - Introduction to Students with Disabilities in the Adapted Curriculum
- SPED 2209 - Introductory Practicum with Students with Disabilities in the Adapted Curriculum
- SPED 3001 - Assessing Students with Disabilities
- SPED 3004 - Managing the Learning Environment
- SPED 3005 - Instructional Programming in Special Education
- SPED 3006 - Augmentative and Alternative Communication for Students with Disabilities
- SPED 3007 - Managing the Physical Needs of Learners with Disabilities
- SPED 3100 - Instructional Methods for Students with Disabilities in the General Curriculum
- SPED 3109 - Instructional Practicum for Exceptional Children in the General Curriculum
- SPED 3200 - Instructional Methods for Students with Disabilities in the Adapted Curriculum
- SPED 3209 - Instructional Practicum for Students with Disabilities in the Adapted Curriculum
- SPED 3510 - Methods in Early Childhood Special Education
- SPED 3511 - Practicum in Early Childhood Special Education
- SPED 3600 - Issues, Trends, and Laws in Disability
The overall objective of this minor is to prepare a variety of professionals to interact with and provide services/supports to children and adults with disabilities. These professionals will work in a variety of disciplines including allied health sciences, criminal justice, human development, psychology, recreation and leisure, rehabilitation, and sociology. Note: This minor is not designed for education majors. All students who complete this minor will demonstrate and apply knowledge of characteristics of individuals with a wide range of disabilities, current issues and trends in disability, positive behavior strategies, and assistive technology. Additional competencies will be developed in elective areas focusing on individuals with mild/moderate disabilities, individuals with significant intellectual disabilities, and individuals with autism.

A course may not count for both a major and minor. If a course listed in the minor is used to meet a major requirement, additional minor electives must be taken. Minors must earn a minimum grade of C (2.0) in all SPED courses.

Minimum requirement for the disability studies minor is 18 s.h. as follows:
1. Core - 11 s.h.

- SPED 2000 - Introduction to Exceptional Children
- SPED 3600 - Issues, Trends, and Law in Disability
- SPED 3601 - Positive Behavior Strategies for Individuals with Disabilities
- SPED 4000 - Technology in Special Education

2. Electives - 7 s.h.

(Choose from the following.)

- SPED 2100 - Introduction to Students with Disabilities in the General Curriculum
- SPED 2200 - Introduction to Students with Disabilities in the Adapted Curriculum
- SPED 3006 - Augmentative and Alternative Communication for Students with Disabilities
- SPED 3007 - Managing the Physical Needs of Learners with Disabilities
- SPED 3602 - Introduction to Individuals with Autism Spectrum Disorder
- SPED 3603 - Language and Communication for Individuals with Autism Spectrum Disorder
- Other courses as approved by the program coordinator

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Department of Human Development and Family Science

Sharon Ballard, Chair, RW 122 Rivers Building

The mission of the Department of Human Development and Family Science is to educate future leaders and professionals to enrich the wellbeing of individuals, children, families, and communities through innovative teaching, research, service and community engagement.

The department offers programs that prepare students to work with children and families in educational, governmental, community, and child health fields.

Students interested in teaching young children can choose the birth through kindergarten program, which results in licensure to teach in NC public schools or in private centers. Students interested in teaching middle school or high school can choose the family and consumer sciences program, which results in licensure to teach middle grades or high school in NC public schools. Students complete course work in partial fulfillment for teacher licensure in family and consumer sciences education or birth-kindergarten teacher education from the North Carolina Department of Public Instruction.
Students interested in working with families in community, governmental, and family services programs may consider the family and community services program and choose family studies. Students interested in working with agencies that provide education and services to young children such as early intervention, Head Start, developmental day, and exceptional children programs may consider the family and community services program and choose child development. Students complete course work in partial fulfillment of the family life education certification from the National Council on Family Relations, the infant-toddler program personnel certification from the NC Department of Health and Human Services.

Students interested in working with medically fragile and/or chronically ill children and families may consider the child life program. Students complete course work in partial fulfillment of the child life certification from the Association for the Care of Children’s Health.

Programs

Bachelor’s

- Birth Through Kindergarten Teacher Education, BS
- Child Life, BS
- Family and Community Services, BS
- Family and Consumer Sciences Education, BS

http://catalog.ecu.edu/preview_program.php?catoid=10&poid=2417

Child Life, BS

Acceptance into this major is on a competitive, space-available basis with admission each year prior to fall semester. To be admitted into the child life program, an application packet must be submitted to the child life program coordinator after the student has completed a minimum of 45 semester hours, including the following courses with a minimum grade of B (3.0) or better: HDFS 2000, HDFS 2001, HDFS 2021, HDFS 3002, HDFS 3150; NUTR 1000; and an overall GPA of at least B (3.0). To remain in the program, students must maintain a 3.0 GPA with a minimum grade of B (3.0) in the following courses prior to internship (HDFS 4415): HDFS 3022, HDFS 3321, HDFS 3413, HDFS 4201, HDFS 4210, HDFS 4303, HDFS 4410, HDFS 4993. Students must have a minimum 3.0 GPA to enroll in the child life internship (HDFS 4415) and earn a minimum grade of B (3.0) in HDFS 4415 to graduate as a child life major. Internships are nationally competitive, require formal application to the desired hospital or health care setting and typically need to be arranged one semester before enrollment. Students are responsible for interviewing and securing their own internship. (Note: Completion of a BS degree with a major in child life does not include certification as a child life specialist. The Child Life Certifying Committee of the Child Life Council oversees the administration of the certification examination. The Department of Human Development and Family Science will verify completion of degree requirements, but meeting other requirements for certification is the
responsibility of each candidate.) In addition, child life internships are only available to students enrolled in a degree completion program.

**Application Process**

An application packet with the following items must be submitted to the child life program coordinator no later than the last Friday of March each academic year.

- completed application
- typed one-page (double-spaced) statement of purpose regarding why you would like to be admitted to ECU’s child life program
- two to three letters of recommendation from faculty outside the child life Program
- curriculum vitae or resume
- official transcript of undergraduate work
- two or three selected examples of writing assignments
- documentation of a minimum of 50 volunteer hours and/or practicum hours working with children in a medical setting (ex. hospital, camp, clinic, etc.)

The faculty review committee will evaluate student applications on the basis of academic achievement and the “Standards for Academic and Clinical Preparation for Programs in Child Life” published by the Child Life Council, the governing board for the profession. These standards include:

- strong personal qualities appropriate for relating to children, families, peers, supervisors, and others
- good to excellent evaluations in practicum experiences
- strengths in writing and speaking skills in observation and documentation
- team communication and relationship skills

Minimum degree requirement is 126 s.h. of credit as follows:
1. Foundations curriculum requirements including those listed below – 42 s.h.

(For information about courses that carry foundations curriculum credit see Liberal Arts Foundations Curriculum)

- BIOL 2130 – Survey of Human Physiology and Anatomy
- COMM 2020 – Fundamentals of Speech Communication or
  COMM 2410 – Public Speaking
- MUSC 3018 – Introduction to Basic Music Skills for Elementary School Teachers
- PSYC 1000 – Introductory Psychology
- SOCI 2110 – Introduction to Sociology

2. Core – 57 s.h.

- HDFS 1103 – Marriage and Family Relations
- HDFS 2000 – Child Development I: Prenatal Through Early Childhood
- HDFS 2001 – Child Development II: Middle Childhood Through Young Adulthood
- HDFS 2021 – Introduction to Child Life
- HDFS 3002 – Child in the Family
- HDFS 3022 – Death, Dying, and Bereavement
- HDFS 3150 – Introduction to Early Childhood Intervention
- HDFS 3321 – Infant and Toddler Curriculum
- HDFS 3413 – The Hospitalized Child
- HDFS 4201 – Assessment for Intervention
- HDFS 4210 – Child Life Practicum
- HDFS 4303 – Families and Cultural Diversity
- HDFS 4410 – Professional Seminar
- HDFS 4415 – Child Life Internship
- HDFS 4993 – Early Childhood Practicum
- NUTR 1000 – Contemporary Nutrition
- 3 s.h. advisor-approved electives

3. Cognates – 6 s.h.

- HIMA 3000 – Medical Terminology for Health Professionals
- PSYC 3206 – Developmental Psychology
4. Restricted electives – 9 s.h.

(Choose from the following.)

- ANTH 1050 – Global Understanding
- ANTH 3252 – Medical Anthropology or
  SOCI 3327 – Introductory Medical Sociology
- ART 3850 – Art in the Elementary School
- ASLS 2020 – Sign Language Studies I
- CSDI 2100 – Introduction to Communication Disorders
- CSDI 3020 – Language Development
- ENGL 3950 – Literature for Children
- HLTH 2125 – Safety Education and First Aid
- HLTH 2126 – Safety Education and First Aid Laboratory
- LIBS 3200 – The Art of Storytelling
- MUSC 3048 – Music for Exceptional Children
- MUSC 3058 – Music for the Preschool Child
- MUSC 4277 – Music for Group Activities
- MUSC 4287 – Music for Group Activities Practicum
- PSYC 5380 – Psychology of the Exceptional Child
- RCLS 2000 – Foundations of Recreation, Parks, and Tourism Studies
- SPAN 2117 – Spanish for Professions
- SPED 2000 – Introduction to Exceptional Children

5. Electives to complete requirements for graduation.

Department of Human Development and Family Science

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ATEP 2800 - Medical Nomenclature for Human Performance
Fundamental word-building principles of medical nomenclature, enabling effective communication with medical professionals and medical record keeping.

**HLTH 2700 - Medical Terminology for Public Health Professionals**

Introduction to medical terminology commonly used in public health. Emphasis on building and analyzing terms.

**HLTH 3000 - Theory and Practice in Community Health Education**

P: Intended or declared major in public health studies; HLTH 1000 or HLTH 1050 HLTH 2000; PSYC 1000. Basic behavioral, community organization, educational, and administrative concepts and methodologies of professional practice in community health education.

**HLTH 3020 - Health Disparities**

P: HLTH 1000 or HLTH 1050 HLTH 2000 or consent of instructor. Current health issues of priority populations. Health education strategies that seek to eliminate racial and ethnic health disparities.

**HLTH 3025 - LGBT Population Health and Disparities**

P: HLTH 2000 or consent of instructor. Health of sexual and gender minority populations.
HLTH 3050 - Public Health Systems and Policy

3 F,S

P: Intended or declared major in public health studies; HLTH 1000 or HLTH 1050 or HLTH 2000. Local, state, and national public health policy and politics. Review and analysis of public and private health systems.

HLTH 3100 - Issues in Latino Health

3

P: HLTH 2000 or consent of instructor. Current health issues of Latino populations in the US.

HLTH 3300 - Introduction to Patient Education

3 F

P: Intended or declared major in public health studies HLTH 3010 or consent of instructor. P/C: HLTH 3010. Theories that apply to the practice of patient education in a variety of health care settings.

HLTH 3520 - Introduction to Global Health

3 F,S GD

P: Intended or declared major in public health studies; HLTH 1000 or HLTH 1050 or HLTH 2000 or consent of instructor. Overview of how health problems and issues in other parts of the world compare and contrast with those in the US.

HLTH 4050 - Special Topics in Public Health
May be repeated for a maximum of 6 s.h. with change of topic. P: HLTH 2000. Special topics in selected areas of public health.

**HLTH 4611 - Program Evaluation**

3 F,S

P: HLTH 2000, HLTH 3010; HLTH 3000 or HLTH 3030; or consent of instructor; declared public health studies major. P/C: HLTH 4609. Theory, design, and techniques to evaluate public health practice.

**HLTH 4880 - Capstone: Applied Principles of Health Education and Promotion**

3 F,S

P: Declared major in public health studies; HLTH 2000, HLTH 3010; HLTH 3000 or HLTH 3030. P/C: HLTH 4609.

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**Courses**

**Health**

- HLTH 1000 - Health in Modern Society
- HLTH 1050 - Health and Service in Modern Society
- HLTH 1100 - Personal Safety Issues
- HLTH 1101 - Threat Assessment and Conflict Resolution
- HLTH 1102 - Peer Mediation
- HLTH 1900 - Introduction to Health Professions
- HLTH 2000 - Principles of Public Health
- HLTH 2050 - Sexual Health
- HLTH 2123 - Early Experiences for the Prospective Teacher
- HLTH 2125 - Safety Education and First Aid
- HLTH 2126 - Safety Education and First Aid Laboratory
• HLTH 2220 - Injury Prevention and Care Related to Physical Activity
• HLTH 2290 - Field Experience in Community Health Education
• HLTH 2291 - Field Experience in Community Health Education
• HLTH 2292 - Field Experience in Community Health Education
• HLTH 2500 - Peer Health I: Training
• HLTH 2700 - Medical Terminology for Public Health Professionals
• HLTH 2900 - Health Education Curriculum and Planning
• HLTH 3000 - Theory and Practice in Community Health Education
• HLTH 3002 - Women’s Health Across the Lifespan
• HLTH 3010 - Health Problems I
• HLTH 3020 - Health Disparities
• HLTH 3025 - LGBT Population Health and Disparities
• HLTH 3030 - Health Behavior
• HLTH 3050 - Public Health Systems and Policy
• HLTH 3100 - Issues in Latino Health
• HLTH 3244 - Health Methods for Elementary Grades
• HLTH 3344 - Introduction to Patient Education
• HLTH 3355 - Alcohol, Tobacco, and Other Drugs Education and Prevention
• HLTH 3500 - Planning, Implementation and Evaluation in College Health Promotion: Nutrition
• HLTH 3501 - Planning, Implementation and Evaluation in College Health Promotion: Sexuality
• HLTH 3502 - Planning, Implementation and Evaluation in College Health Promotion: Alcohol, Tobacco and Other Drugs
• HLTH 3515 - AIDS HIV Disease in Modern Society
• HLTH 3520 - Introduction to Global Health
• HLTH 3550 - Assessment in Health Education
• HLTH 4001 - Stress Management: Principles and Practices
• HLTH 4006 - Health Promotion in the Workplace
• HLTH 4010 - Senior Seminar: Tutorial in Health Issues Research
• HLTH 4011 - Introduction to Epidemiology in Health Education and Promotion
• HLTH 4050 - Special Topics in Public Health
• HLTH 4200 - Planning and Evaluation in Health Promotion
• HLTH 4305 - Classroom Organization and Management in Health Education
• HLTH 4323 - Health Education Methods for Middle and Secondary Grades
• HLTH 4324 - Internship in Health Education
• HLTH 4326 - Internship Seminar: Issues in Health Education
• HLTH 4410 - Planning, Implementing, and Assessing Sexuality Education
• HLTH 4500 - Independent Study
• HLTH 4501 - Independent Study
• HLTH 4502 - Independent Study
• HLTH 4605 - Community Strategies for Health Education
• HLTH 4609 - Needs Assessment and Program Planning
• HLTH 4611 - Program Evaluation
• HLTH 4700 - Practicum Seminar in Worksite Health Education
• HLTH 4800 - Field Study in International Health
The athletic training degree program (ATEP) is a Commission on Accreditation of Athletic Training Education (CAATE) accredited undergraduate program. Upon completion of this degree, students will be eligible to sit for the Board of Certification exam, and be eligible to work in the health care field with a physically active population. There is a strong clinical aspect of the program involving a minimum of 800 supervised hours under a certified athletic trainer. Admission to the university does not guarantee admission to the athletic training degree, as it is restricted by an imposed student-to-clinical instructor ratio.

ADMISSION

Students who desire to enter the ATEP major must undergo a two-tier admittance procedure. They must first apply to the ATEP Program for admission into the one-year candidacy period. The application and supporting materials can be found on the program website.

**Tier 1:** To be considered for the candidacy period, students must have 24 credits of college course work, possess a minimum cumulative 2.75 GPA, and have completed the following courses: BIOL 2140 and 2141, CHEM 1150 and 1151, ENGL 1100, KINE 2850, HLTH 1000 and PSYC 1000; each with a C (2.0) or better. Additionally students must provide evidence of 75 observation hours with a nationally certified and state licensed athletic trainer outside of ECU. A completed application packet (also including current first aid and adult, child and infant CPR certifications from an approved provider, two letters of character reference, signed ATEP Technical Standards, official transcripts from all college work, and verification of upholding ECU’s Student Code of Conduct, and Academic Integrity Code) is due no later than August 1 annually.

**Tier 2** involves formal acceptance to the major, and occurs at the end of the one-year candidacy period (Tier 1) (typically, the end of the sophomore year). Applicants to Tier 2 must finish the candidacy period, complete a health screening, log 75 observation hours within the ECU ATEP, possess a minimum cumulative 2.75 GPA, and have completed the following courses: ATEP 1800, 2800, 2810, 2811, BIOL 2150, 2151, NUTR 2105 and PHYS 1250, 1251; each with a C (2.0) or better. Qualified candidates will have an interview with program faculty and staff.
Competitive admission is based upon assessments of the applicant’s academic abilities, knowledge, dedication to the profession, and commitment to the health care of others. Transfer students are not admitted directly into the major, but those accepted into the university will have their transcripts reviewed by university admissions, and may apply to the candidacy period if they meet the Tier 1 courses, GPA, observation and conduct requirements. No ATEP transfer courses will be accepted.

**REQUIREMENTS**

Athletic training students are required to earn a minimum course grade of C (2.0) in all athletic training courses. A minimum semester and cumulative GPA of 2.5 must be sustained throughout the program. All students in the degree are required to maintain current TB status, varicella immunization, hepatitis B immunization (or waiver), and liability insurance for the duration of their involvement in the curriculum. Specific requirements are stated in the *Athletic Training Student Handbook* and on the program website. The athletic training degree requires a minimum of 200 practical, supervised clinical hours each semester under the direction of a certified athletic trainer. The candidacy period does not count toward the total hours required.

Minimum degree requirement is **126 s.h.** of credit as follows:
1. Foundations curriculum requirements including those listed below - 42 40 s.h.

(For information about courses that carry foundations curriculum credit see *Liberal Arts Foundations Curriculum*)

- CHEM 1150 - General Chemistry I
- CHEM 1151 - General Chemistry Laboratory I
- COMM 2410 - Public Speaking
- HLTH 1000 - Health in Modern Society
- MATH 1065 - College Algebra
- PHYS 1250 - General Physics
- PHYS 1251 - General Physics Laboratory
- PSYC 1000 - Introductory Psychology

2. Core - 81 54 55 s.h.

- ATEP 1800 - Orientation to Athletic Training
- ATEP 2800 - Medical Nomenclature for Human Performance
- ATEP 2810 - Principles of Athletic Training
- ATEP 2811 - Principles of Athletic Training Lab
- ATEP 3000 - Evidence-Based Medicine for the Health Care Professional
- ATEP 3201 - Therapeutic Rehabilitation I
- ATEP 3202 - Therapeutic Rehabilitation I Laboratory
- ATEP 3250 - Therapeutic Modalities
- ATEP 3251 - Therapeutic Modalities Laboratory
- ATEP 3270 - Pathology and General Medicine in Sport
- ATEP 3271 - Clinical Experience in Medicine
- ATEP 3272 - Clinical Skills in Health Assessment
- ATEP 3280 - Therapeutic Rehabilitation II
- ATEP 3281 - Therapeutic Rehabilitation II Laboratory
- ATEP 3300 - Clinical Integration I
- ATEP 3350 - Concepts in Pharmacology
- ATEP 3400 - Clinical Experience in an Equipment-Intensive Sport
- ATEP 3500 - Clinical Experience in Medical Readiness for Sport
- ATEP 3810 - Orthopedic Evaluation of the Trunk and Upper Extremity
- ATEP 3811 - Orthopedic Evaluation of Upper Extremity Lab
- ATEP 3820 - Orthopedic Evaluation of Lower Extremity
- ATEP 3821 - Orthopedic Evaluation of Lower Extremity Lab
- ATEP 3860 - Clinical Experience in Emergency Management
- ATEP 4320 - Leadership and Management
- ATEP 4860 - Clinical Integration II
- BIOL 2140 - Human Physiology and Anatomy I
Students entering the public health studies degree program choose one of three concentrations: community health, prehealth professions, or worksite health promotion. The community health concentration requires a minimum cumulative GPA of 2.65 for entry. Students entering the worksite health promotion concentration must have a minimum cumulative 2.25 GPA and a minimum 2.5 GPA calculated on three courses: ECON 2113; HLTH 2000; PSYC 3241. Students entering the prehealth professions concentration must have a minimum cumulative 2.75 GPA.
and a minimum 3.0 GPA calculated on the following courses: BIOL 1100, BIOL 1101, BIOL 1200, BIOL 1201; CHEM 1150, CHEM 1151, CHEM 1160, CHEM 1161. All students must declare on or before reaching 90 credit hours.

Minimum degree requirement is **126 124 s.h.** as follows:

1. Foundations curriculum requirements including those listed below for all concentrations, as well as additional foundations curriculum requirements for each concentration - **42 40 s.h.**

(For information about courses that carry foundations curriculum credit see *Liberal Arts Foundations Curriculum.*)

**All concentrations:**

- HLTH 1000 - Health in Modern Society
- MATH 1065 - College Algebra
- PSYC 1000 - Introductory Psychology

**Community health concentration:**

- BIOL 1050 - General Biology
- BIOL 1051 - General Biology Laboratory
- or
- BIOL 1100 - Principles of Biology I
- BIOL 1101 - Principles of Biology Laboratory I
- BIOL 2130 - Survey of Human Physiology and Anatomy
- SOCI 2110 - Introduction to Sociology

**Prehealth professions concentration:**

- BIOL 1100 - Principles of Biology I
- BIOL 1101 - Principles of Biology Laboratory I
- BIOL 1200 - Principles of Biology II
- BIOL 1201 - Principles of Biology Laboratory II
- SOCI 2110 - Introduction to Sociology

**Worksite health promotion:**

- BIOL 1050 - General Biology
- BIOL 1051 - General Biology Laboratory

or

- BIOL 1100 - Principles of Biology I
- BIOL 1101 - Principles of Biology Laboratory I

- BIOL 2130 - Survey of Human Physiology and Anatomy
- PSYC 3241 - Personnel and Industrial Psychology

2. **Common core** - 21 s.h.

- BIOS 1500 - Introduction to Biostatistics or
- MATH 2228 - Elementary Statistical Methods I

- EHST 2110 - Introduction to Environmental Health Sciences
- HLTH 2000 - Principles of Public Health
- HLTH 3010 - Health Problems I

- HLTH 3020 - Health Disparities or
- HLTH 3025 - LGBT Population Health and Disparities or
- HLTH 3100 - Issues in Latino Health

- HLTH 3050 - Public Health Systems and Policy
- HLTH 4011 - Introduction to Epidemiology in Health Education and Promotion

3. **Concentrations** - 37-47 41-51 s.h.
(Choose one concentration.)

**a. Community health concentration (37-41 s.h.)**

- BIOL 2131 - Survey of Human Physiology and Anatomy Laboratory
- HLTH 3000 - Theory and Practice in Community Health Education
- HLTH 3002 - Women's Health Across the Lifespan
- HLTH 3520 - Introduction to Global Health
- HLTH 4605 - Community Strategies for Health Education
- HLTH 4609 - Needs Assessment and Program Planning
- HLTH 4611 - Program Evaluation
- HLTH 4880 - Capstone: Applied Principles of Health Education and Promotion
- HLTH 4991 - Health Education and Promotion Internship

- NUTR 1000 - Contemporary Nutrition or
- NUTR 2105 - Nutrition Science

**Cognates**

- BIOL 2130 - Survey of Human Physiology and Anatomy (This course can count towards foundations curriculum requirements.)
- BIOL 2131 - Survey of Human Physiology and Anatomy Laboratory

- NUTR 1000 - Contemporary Nutrition or
- NUTR 2105 - Nutrition Science

**b. Prehealth professions (44-47 s.h. 45-48 s.h.)**

- BIOL 2130 - Survey of Human Physiology and Anatomy
- BIOL 2131 - Survey of Human Physiology and Anatomy Laboratory or

- BIOL 2140 - Human Physiology and Anatomy I
- BIOL 2141 - Human Physiology and Anatomy I Laboratory and
- BIOL 2150 - Human Physiology and Anatomy II
• BIOL 2151 - Human Physiology and Anatomy II Laboratory

- 

• CHEM 1150 - General Chemistry I
• CHEM 1151 - General Chemistry Laboratory I
• CHEM 1160 - General Chemistry II
• CHEM 1161 - General Chemistry Laboratory II
• HLTH 3030 - Health Behavior
• HLTH 3300 - Introduction to Patient Education
• HLTH 4200 - Planning and Evaluation in Health Promotion

Cognates

• BIOL 1201 - Principles of Biology Laboratory II
• BIOL 2130 - Survey of Human Physiology and Anatomy
• BIOL 2131 - Survey of Human Physiology and Anatomy Laboratory or

• BIOL 2140 - Human Physiology and Anatomy I
• BIOL 2141 - Human Physiology and Anatomy I Laboratory and
• BIOL 2150 - Human Physiology and Anatomy II
• BIOL 2151 - Human Physiology and Anatomy II Laboratory

• CHEM 1150 - General Chemistry I
• CHEM 1151 - General Chemistry Laboratory I
• CHEM 1160 - General Chemistry II
• CHEM 1161 - General Chemistry Laboratory II

Choose 22 s.h. from the following:

• ATEP 2800 - Medical Nomenclature for Human Performance or
• HIMA 3000 - Medical Terminology for Health Professionals or
• HLTH 2700 - Medical Terminology for Public Health Professionals

• BIOL 2110 - Fundamentals of Microbiology
• BIOL 2111 - Fundamentals of Microbiology Laboratory
• BIOL 2300 - Principles of Genetics
• CHEM 2750 - Organic Chemistry I
• CHEM 2753 - Organic Chemistry Laboratory I
• CHEM 2760 - Organic Chemistry II
• CHEM 2763 - Organic Chemistry Laboratory II
• CHEM 2770 - Biological Chemistry
• CHEM 2771 - Biological Chemistry Laboratory
• HLTH 4901 - Prehealth Professions Field Experience
• HLTH 4902 - Prehealth Professions Field Experience

• HLTH 4910 - Prehealth Professions Internship or
  other approved HLTH electives

• KINE 2850 - Structural Kinesiology
• KINE 3805 - Physiology of Exercise
• PHYS 1250 - General Physics
• PHYS 1251 - General Physics Laboratory
• PHYS 1260 - General Physics
• PHYS 1261 - General Physics Laboratory

c. Worksite Health Promotion (47 51 s.h.)

• EHST 3900 - Introduction to Occupational Health or
• ITEC 3292 - Industrial Safety

• FINA 2244 - Legal Environment of Business
• HLTH 3030 - Health Behavior
• HLTH 4006 - Health Promotion in the Workplace
• HLTH 4609 - Needs Assessment and Program Planning
• HLTH 4611 - Program Evaluation
• HLTH 4880 - Capstone: Applied Principles of Health Education and Promotion
• HLTH 4991 - Health Education and Promotion Internship
• KINE 2850 - Structural Kinesiology
• KINE 3805 - Physiology of Exercise
• KINE 4805 - Exercise Evaluation and Prescription Laboratory
• KINE 4806 - Exercise Evaluation and Prescription
Cognates

- BIOL 2130 - Survey of Human Physiology and Anatomy (This course can count towards foundations curriculum requirements.)
- EHST 3900 - Introduction to Occupational Health or
- ITEC 3292 - Industrial Safety
- FINA 2244 - Legal Environment of Business
- KINE 2850 - Structural Kinesiology
- KINE 3805 - Physiology of Exercise
- KINE 4805 - Exercise Evaluation and Prescription Laboratory
- KINE 4806 - Exercise Evaluation and Prescription
- MGMT 3202 - Fundamentals of Management

4. Electives:

It is recommended that courses be taken which reinforce content in the physical, social, and behavioral sciences, or provide the student with a community health specialty area such as gerontology, environmental health, or health promotion. Number of elective hours varies by concentration.