



College of Health and Human Services

www.health.uncc.edu

Dean: Karen Schmaling
Associate Dean: Jane Neese

Purpose. The College of Health and Human Services offers professionally recognized and accessible undergraduate and graduate degree programs that are nationally and globally relevant, and responsive to changing health care and human service needs in the state and region. The College achieves excellence through informed and effective teaching in its degree programs, community partnerships, and professional activities and research to advance science and practice in the health and human services professions.

The College of Health and Human Services offers professionally recognized and accessible undergraduate and graduate degree programs that are nationally and globally relevant, and responsive to changing health care and human service needs in the state and region. The College achieves excellence through informed and effective teaching in its degree programs, community partnerships, and professional activities and research to advance the science of healthcare and the delivery of health and human services.

Programs. The College offers degree programs at the doctoral, masters, and baccalaureate level including: the Doctor of Philosophy in Health Services Research (Ph.D.), the Master of Science in Clinical Exercise Physiology (M.S.), the Master of Health Administration (M.H.A.), Master of Science in Nursing (M.S.N.), the Master of Science in Public Health (M. S. P. H.), and the Master of Science in Social Work (M.S.W.); the Bachelor of Science in Athletic Training (B.S.), the Bachelor of Science in Exercise Science (B.S.), the Bachelor of Science in Nursing (B.S.N.), the Bachelor of Science in Public Health (B.S.P.H.), and the Bachelor of Science in Social Work (B.S.W.). The College also offers two undergraduate minors: Interdisciplinary Health Studies

(IDHS) and Social Work (SW). All nursing degree programs offered by the School of Nursing are accredited by the Commission on Collegiate Nursing Education (CCNE). The B.S.N. program is approved by the North Carolina Board of Nursing. The B.S.W. and M.S.W. programs are accredited by the Council on Social Work Education. The Athletic Training Education Program is accredited by the Commission on the Accreditation of Allied Health Education Programs (CAAHEP). The nurse anesthesia concentration in the M.S.N. program is accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA).

Technical Standards. Technical standards define the attributes that are considered necessary for nursing and students enrolled in the BS degree program in Athletic Training to possess in order to complete their education and training, and subsequently enter clinical practice. These technical standards are prerequisites for entrance to, continuation in, and graduation from a student's chosen program in the College of Health and Human Services at the University of North Carolina at Charlotte.

Students must possess aptitude, ability, and skills in four areas: Psychomotor (coordination/mobility); Senses (visual, auditory, tactile, olfactory); Communication (verbal, nonverbal, written); and Behavioral/Social Attributes.

The technical standards described by the student's chosen program are critically important to the student and must be performed by the student. Contact specific programs for detailed technical standards. Documentation of any disability is accomplished through the University Office of Disability Services.

Foreign Language Requirement. Nursing and social work students seeking either a BSN or BSW degree are required to demonstrate proficiency in the language of their choice. Nursing students enrolled in the BSN or RN-BSN program must demonstrate foreign language proficiency through the 1202 level. Students enrolled in the BSW program must demonstrate proficiency in the language of their choice through the intermediate 2000 level. There is no foreign language requirement for students enrolled as Exercise Science and Athletic Training majors although it is highly recommended for students to become proficient in a second language.

Proficiency can be demonstrated in the following ways: (1) completing the required coursework at UNC Charlotte; (2) completing three years of the same language in high school through level three; (3) achieving a satisfactory score on the foreign language placement test; (4) through approved transfer or transient credit earned at other accredited institutions; (5) a combination of the above methods (e.g., placing out of or earning transfer or transient credit for 1201 and completing 1202 course, completing 1201 and placing out of or earning transfer or transient credit for 1202).

School of Nursing

www.health.uncc.edu/son

Associate Dean and Director: L. Travis
Interim Associate Director of the Undergraduate Division: L. Edwards

Interim Associate Director of the Graduate Division: G.. Foss

Professors: J. Dienemann, L. Travis, M. Wilmoth
Associate Professors: L. Edwards, G. Foss, S. Hardin, D. Langford, L. Moore, J. Neese, A. Newman

Assistant Professors: M. Coffman, J. Cornelius, M. Flood, C. Maynard, D. Sanders, V. Sousa

Lecturers: J. Broome, D. Daniels, Z. Edinger, S. Hartman, D. Kazemi, S. Lynch, C. Mix, T. Morris, J. Padilla, J. Ruth, P. Shoe, M. E. Smith, M. G. Smith, C. Toth, L. Wagnes

The School of Nursing consists of two divisions: (1) the Undergraduate Division and (2) the Graduate Division. The School offers the B.S.N. degree, both entry level and RN-B.S.N. completion curricula, the RN-M.S.N. curriculum, and the M.S.N. degree with various specialty concentrations. Options of traditional classroom education or individual access (online) education are available in the School of Nursing for the RN-B.S.N. completion program and some of the M.S.N. specialty concentrations.

BACHELOR OF SCIENCE IN NURSING

The Bachelor of Science in Nursing degree (B.S.N.) requires a minimum of 120 semester hours. A student must earn the last 25% of baccalaureate degree requirements at UNC Charlotte.

Upper-Division Nursing Major

Requirements for Admission. Admission decisions to the Upper-Division Nursing Major are made by the School for the Fall and Spring semesters of each academic year. Not all applicants who meet the minimum requirements can be accommodated. *Applicants are competitively reviewed for admission based on their cumulative grade point average on college transferable coursework and their grade point average in the required prerequisite science courses and answers to essay*



questions. After the initial review, select students will be invited for interviews prior to final admission decisions. Consistent with University policy, the School offers admission to applicants whose credentials present the best qualifications among those meeting minimum requirements.

Minimum criteria for application to the Nursing major are: a cumulative grade point average of 2.0 or better in all college coursework, a minimum of a C in all required prerequisites, and the completion of required nursing prerequisites by the end of the Spring semester prior to the Fall for which application is made and by the end of the Fall semester prior to the Spring for which application is made. All admitted Nursing majors must be certified as a nursing assistant (CNA I).

Completed applications are accepted through January 31 of the academic year preceding the Fall for which admission is sought, and August 31 of the academic year preceding the Spring for which admission is sought. Application forms are available in the Office of Student Services, College of Health and Human Services. Admission decisions are communicated in writing by the School. Applicants who are not admitted may reapply for a future term.

All students admitted to the pre-licensure B.S.N. curriculum must have prerequisite computer knowledge in using e-mail, word processing (create/save/open/retrieve), file management, editing, formatting) and using an internet browser (search and navigate).

Prerequisites. Students are required to complete ENGL 1101; ENGL 1102; CHEM 1203 and 1204 with labs (or CHEM 1251 and 1252 with labs); BIOL 1273, BIOL 1273L, BIOL1274 BIOL 1274L, and BIOL 1259; MATH 1100; STAT 1222 (or STAT 1220 or 1221); PSYC 1101; SOCY 1101 or ANTH 1101; NURS 2100, NURS 2200, and NURS 2201 prior to enrollment in clinical nursing courses. The School of Nursing strongly recommends LBST 2211 as a part of the student's general education requirements.

Pre-Nursing. Freshmen seeking admission to the nursing major may be admitted to Pre-Nursing. Transfer and change of major students who have not completed all prerequisites may be admitted to Pre-Nursing; however, these students must have a minimum overall 2.0 GPA on all college work attempted to be a Pre-Nursing major. **Admission to Pre-Nursing does not automatically admit an applicant to the Nursing Major.**

RN/BSN Curriculum

Requirements for Admission. Registered Nurses seeking a Bachelor of Science in Nursing degree may apply for admission to the RN/B.S.N. curriculum. Criteria for admission to the program are a current unencumbered license as a Registered Nurse in North Carolina, a cumulative grade point average of 2.0 or better in all college coursework and at least a *C* in all required nursing prerequisites by the end of the semester prior to the semester for which application is made.

Admission decisions are made by the School of Nursing. *Applicants are competitively reviewed for admission based on their GPA in all college transferable coursework and their GPA in required prerequisite science courses.* Students are admitted



in cohorts two times each academic year. Completed applications are accepted from November 15 to March 30 for the fall cohort and from May 15 to September 30 for the spring cohort. Applications are available from the Office of Student Services in the College. Admission decisions are communicated in writing by the School. Applicants who are denied may reapply.

All students admitted to the RN-B.S.N. completion curriculum need to have prerequisite computer knowledge in using e-mail, word processing (create/save/open/retrieve), file management, editing, formatting, and using an internet browser (search and navigate). The RN-B.S.N. nursing curriculum is offered through three formats. Students may enroll in the totally web-based curriculum (through Distance Education), in the traditional, face-to-face curriculum or in the Carolinas Medical Center – Carolinas College of Health and Science curriculum. The Carolinas Medical Center – Carolinas College of Health and Science curriculum is designed for those registered nurses employed within the Carolinas Healthcare System and those graduates of their programs. Each curriculum is nine courses and 30 credit hours in length.

RN-B.S.N. Curriculum Prerequisites. Students are required to complete ENGL 1101; CHEM 1203 with lab (or CHEM 1251 with lab); BIOL 1273, BIOL 1273L, BIOL 1274, BIOL 1274L, and BIOL 1259; PSYC 1101; SOCY 1101 and MATH 1100.

Pre-RN-B.S.N. Registered nurses seeking admission to the RN-B.S.N. curriculum who need to complete nursing prerequisites and/or General Education courses may apply for admission to Pre-RN-B.S.N. Applicants must have a cumulative GPA of at least 2.0 on all college work attempted. **Admission to Pre-RN-B.S.N. does not automatically admit an applicant to the RN-B.S.N. Curriculum.**

Prerequisites for Participation in Clinical Experiences

Immunization and Health Status. Prior to admission to the major, all students must submit evidence of a physical examination, including specific communicable disease screening or proof of immunization. The P.P.D. must be repeated and the results submitted annually as long as the student is enrolled in clinical courses. Students must present documentation of a completed series of HBV immunizations prior to any contact with patients/clients, or sign a declination form indicating a refusal of the vaccination. All immunizations must be kept current throughout the program.

CPR Certification. For all clinical courses, it is the student's responsibility to obtain and maintain CPR Certification (adult, infant and child) for health care providers. The only CPR certification accepted is the American Heart Association – Health Care Provider and the Red Cross – Professional Rescuer. Evidence of current CPR certification must be kept on file in the Office of Student Services during enrollment in the professional program.

Universal Precautions. All students must successfully complete a College computer-based exam on universal precautions each year of the professional program.

Drug Testing and Criminal Background Checks. Students in a professional program may be asked by a clinical facility to undergo drug testing and/or have a criminal background check before being allowed to participate in a clinical experience at that facility. Students are responsible for the cost of drug testing and criminal background checks.

All RN-B.S.N. students must meet the University's immunization and health status requirements.

Requirements for Progression in the Nursing Program

1. The Progression Policy for upper-division nursing students is included in the School of Nursing handbooks, which are available online at: www.health.uncc.edu/students/handbooks.cfm?dept=students
2. No course in the Nursing major can be taken as transient study. Transfer credit for nursing courses will be considered on an individual basis.

CURRICULUM OUTLINE: B.S.N. DEGREE

| Freshman Year | | | |
|--|------|---|------|
| Fall Semester | | Spring Semester | |
| Course | Cred | Course | Cred |
| ENGL 1101 English Comp | 3 | ENGL 1102 | 3 |
| MATH 1100 | 3 | STAT 1220, 1221, or 1222 | 3 |
| PSYC 1101 | 3 | CHEM 1204/1204L or 1252/1252L | 4 |
| CHEM 1203/1203L or 1251/1251L | 4 | Foreign Language 1202 | 4 |
| Foreign Language 1201 (or pass proficiency exam) | 4 | LBST 1100 series: Arts, Literature, & Culture | 3 |

| Sophomore Year | | | |
|------------------------|------|--|------|
| Fall Semester | | Spring Semester | |
| Course | Cred | Course | Cred |
| BIOL 1273/1273L | 4 | BIOL 1259/1259L | 4 |
| NURS 2100 | 3 | BIOL 1274/1274L | 4 |
| SOCY 1101 or ANTH 1101 | 3 | NURS 2200 | 3 |
| LBST 2101 | 3 | NURS 2201 | 2 |
| LBST 2102 | 3 | LBST 2200 Series: Ethical Issues & Cultural Critique | 3 |

| Junior Year | | | |
|---------------|------|-----------------|------|
| Fall Semester | | Spring Semester | |
| Course | Cred | Course | Cred |
| NURS 3102 | 3 | NURS 3205 | 3 |
| NURS 3105 | 2 | NURS 3206 | 1 |
| NURS 3106 | 1 | NURS 3230 | 2 |
| NURS 3107 | 3 | NURS 3240 | 3 |
| NURS 3108 | 3 | NURS 3430 | 3 |
| NURS 3120 | 2 | NURS 3440 (W) | 3 |
| NURS 3420 | 1 | | |

| Senior Year | | | |
|---------------|------|-----------------|------|
| Fall Semester | | Spring Semester | |
| Course | Cred | Course | Cred |
| NURS 4100 | 3 | NURS 4201 | 2 |
| NURS 4106 | 1 | NURS 4203 | 3 |
| NURS 4120 | 2 | NURS 4240 | 2 |
| NURS 4130 | 3 | NURS 4440 | 1 |
| NURS 4420 | 3 | NURS 4450 (W) | 3 |
| NURS 4430 (O) | 3 | NURS 4900 | 2 |

Total Credits for BSN program = 124

**CURRICULUM OUTLINE:
RN-B.S.N. COMPLETION**

General Education Requirements and Prerequisites for the Nursing Major:

- BIOL 1259* (4)
- BIOL 1273* (4)
- BIOL 1274* (4)
- CHEM 1203 or 1251* (4)
- ENGL 1101* (3)
- ENGL 1102* (3)
- Foreign Language** (8)
- LBST 1100 series (3)
- LBST 2101 (3)
- LBST 2102 (3)
- LBST 2200 series (3)
- MATH 1100* (3)
- PSYC 1101* (3)
- SOCY 1101* or ANTH 1101 (3)
- STAT 1220, 1221, or 1222 (3)

RN-B.S.N.: UPPER-DIVISION NURSING MAJOR

- NURN 3103 Concepts of Professional Nursing Science (3)***
- NURN 3108 Health Assessment for Nurses (3)
- NURN 4100 Aging and Health (3) (O)
- NURN 4201 Information Technology: Application in Health Care (2)
- NURN 4203 Leadership in Nursing Practice (2)
- NURN 4440 Community Health Nursing (6) (W)
- NURN 4450 Design & Coordination of Care for Nurses (6) (W)
- NURN 4900 Research in Nursing Practice (2)
- STAT 1220 Elements of Statistics (BUSN), STAT 1221 Elements of Statistics (BIOL), or STAT 1222 Introduction to Statistics (3)

**Prerequisite to Nursing*

***Students must be proficient through the 1202 level through coursework or proficiency testing*

****Students are awarded 39 credit hours upon successful completion of NURN 3103*

**EARLY-ENTRY OPTION:
Master of Science in Nursing**

The RN-MSN program is designed for the outstanding student who wants to pursue an accelerated path to the MSN. Applicants must meet all admission requirements for the RN to BSN and graduate program and make application directly to the Graduate School with the appropriate fee simultaneously with the application to RN-BSN. The following application criteria apply to Early Entry MSN applicants:

- 1) Applicants must meet all criteria for admission to the RN-BSN Program (all prerequisites taken).
- 2) Satisfactory performance on the Graduate Record Examination or the Miller Analogies Test or a previous Graduate degree is required.

- 3) One year of professional nursing practice is recommended.
- 4) An essay (statement of purpose) describing the applicant's experience and objective in undertaking graduate study in the chosen specialty.
- 5) The program of study will substitute nine credits from the MSN for the BSN program. NURS 6160 will be substituted for NURN 4900 Research in Nursing Practice, NURS 6002 will be substituted for NURN 4201 Information Technology: Applications in Health Care and STAT 6027 will be substituted for the statistics requirement. These credits will apply to both programs.
- 6) Admission is provisional upon evidence of successful completion of the BSN with a GPA of 3.0 in the RN-BSN program.
- 7) Students graduate with a BSN and then a MSN.
- 8) The Nurse Anesthesia Specialty does not admit Early Entry students.

Tuition rates for courses are based on the academic status of students, not on the undergraduate or graduate level of the course. As soon as students enroll in a graduate course, their academic status changes from undergraduate to graduate. This changes the tuition charges from undergraduate to graduate for all courses taken in the remainder of the RN to BSN program as well as the courses in the MSN program.

Department of Kinesiology

www.health.uncc.edu/knes

Chair and Associate Professor: *M. Cordova*
Professors Emeriti: *Bostian, H. Murphy, J. Tillotson*
Associate Professor Emeriti: *J. Healey*
Professor: *T. Lightfoot*
Associate Professors: *M. Turner*
Assistant Professor: *S. Ferguson, T. Hubbard*
Senior Lecturers: *R. Fielding, S. Kohn*
Lecturers: *J. Barto, M. Belles, L. Probst, B. Ward, A. Williford, B. Wood*

Kinesiology is the discipline that engages in the comprehensive study of human movement, where this knowledge is applied to a wide range of human performance areas and allied healthcare. Undergraduate opportunities include a Bachelor of Science degree in Exercise Science, a Bachelor of Science degree in Athletic Training, a Master of Science in Clinical Exercise Physiology, and multiple courses emphasizing Lifetime Physical Activity and Physical Fitness.

The **Exercise Science** major offers preparation for employment as Exercise Science practitioners in business and industry, health agencies, hospitals, physical fitness centers, sport medicine clinics, colleges / universities or any other setting which utilizes

exercise and physical fitness to promote healthy active lifestyles and outcomes. The **Athletic Training** major prepares students for national certification and licensure as a certified athletic trainer with career opportunities in high schools, colleges/universities, orthopedic and sports medicine clinics, business and industry, professional sports teams, government health agencies, and research laboratories. The **Pre-Kinesiology** major is the classification that indicates that students are in a preparatory program for either the Athletic Training major or the Exercise Science major. Personal health enhancement opportunities are available through **Lifetime Fitness and Movement** courses.

PRE-KINESIOLOGY

Applicants who satisfy freshman or transfer requirements for admission to the University and who apply to either the Athletic Training OR Exercise Science majors are eligible for admission to the Pre-Kinesiology major. All students entering the university in Summer 2003 or later, will be required to complete the revised General Education requirements. A suggested sequence of courses for Pre-Kinesiology students that meet these General Education requirements as well as the prerequisites for both Exercise Science and Athletic Training can be found at www.health.uncc.edu/knes.

Students who apply for either the **Athletic Training OR Exercise Science** major are initially classified as Pre-Kinesiology majors until they meet the following requirements:

cumulative
GPA of 2.0 or
higher;
completion of
60 hours; and
successful
(grade of C or
better)



completion of
BIOL 1273, BIOL 1273L, BIOL 1274, BIOL 1274L,
CHEM 1203*, CHEM 1203L*, CHEM 1204*, CHEM
1204L*, STAT 1222, COMM 1101, MATH 1101,
HLTH 2101**, EXER/ATRN 2294, EXER/ATRN 2295
and EXER/ATRN 2298. Students wishing to pursue the
Exercise Science major should choose the prefix EXER
and Athletic Training majors the ATRN prefix for
courses in the major. Students applying for the
Athletic Training major must make a grade of C or
higher in the above courses and have a cumulative GPA
of 2.5 or higher before making application to the ATRN
major. Students applying for the Exercise Science
major must make a grade of C or higher in the above
courses and have a cumulative GPA of 2.0 or higher
before making application to the EXER major.

** Students thinking about pursuing further education in Physical Therapy, Occupational Therapy, Medical School, or anything similar should take CHEM 1251, CHEM 1251L, CHEM 1252, and CHEM 1252L series of courses in place of CHEM 1203 and 1204 series.*

*** Pre-Kinesiology majors are highly recommended to take LBST 2214 (Health and Quality of Life); this will*

substitute for HLTH 2101 (Healthy Lifestyles) as a required course and meet a general education requirement.

**BACHELOR OF SCIENCE
IN EXERCISE SCIENCE (EXER)**

This degree program offers preparation for employment as Exercise Science practitioners in: health agencies, hospitals, fitness centers, business and industry, research laboratories, or any other setting which provides physical fitness enhancement programs for clients and patients. The courses in this major prepare the student to sit for the American College of Sports Medicine Health Fitness Instructor certification. Required courses are HLTH 3140, EXER 3100, 3260, 3280, 3281, 3286, 3287, 4121, 4132, 4286, 4293, 4294, 4490, and 4660. Additionally, the student must complete EXER 1201 and three activity courses of their choosing.

Students should use the following suggested course sequence to plan their class schedules once they are accepted into the Health Fitness program:

| Junior Year | |
|---|--------------------------------|
| Fall Semester | Spring Semester |
| Course | Course |
| EXER 3260 Nutrition for the Physically Active | HLTH 3140 Behavior Change |
| EXER 3100 Exercise Leadership & Instruction | EXER 3286 Exercise Testing |
| EXER 3280 Exercise Physiology | EXER 3287 Exercise Testing Lab |
| EXER 3281 Exercise Physiology Lab | EXER Activity Course Elective |
| EXER Activity Course Elective | Two Electives (6 hours) |
| PSYC 1101 General Psych | |

| Senior Year | |
|--|--|
| Fall Semester | Spring Semester |
| Course | Course |
| EXER 4121 Pharmacology for the Physically Active | EXER 4660 Practitioner Seminar |
| EXER 4286 Exercise Prescription | EXER 4132 Lifetime Weight Management |
| EXER 4293 Biomechanics | EXER 4490 Internship (6 credit hours)* |
| EXER 4294 Biomechanics Lab | |
| EXER Activity Course Elective | |
| Two Electives | |

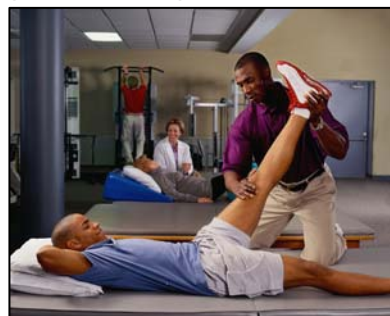
*Students must have completed EXER 1201 and three additional activity courses before registering for EXER

4490.

A complete, updated sequence of courses can be found at www.health.uncc.edu/knes.

**BACHELOR OF SCIENCE
IN ATHLETIC TRAINING (ATRN)**

The emphases of the curriculum are: risk management and injury prevention, pathology of injuries and illnesses, acute care of injuries and illnesses, pharmacology, therapeutic modalities, therapeutic exercise, general medical conditions and disabilities, nutritional aspects of injuries and illnesses, psychosocial intervention and referral, health care administration, and professional development and responsibilities. Students are given opportunities to gain knowledge and skills needed to pass the certification exam of the Board of Certification (BOC) for Athletic Training.



Required courses in the upper division are:

ATRN 3260, 3280, 3281, 3286, 3287, 3288, 3289, 3290, 3291, 3292, 3293, 3295, 3400, 3401, 4121, 4286, 4290, 4291, 4292, 4293, 4294, 4400, and 4401.

Admission. Students who have completed all of the Pre-Kinesiology prerequisites may apply for the Athletic Training major. Students are admitted to the major for the fall semester only and admission is competitive. Admission decisions are made by a committee within the Department of Kinesiology. Selection into the program is competitive and satisfactorily completing the minimum requirements does not guarantee program admission. After evaluating the credentials of all applicants meeting the minimum academic requirements, the selection committee offers admission to students whose credentials demonstrate the highest level of academic achievement.

The **Athletic Training Education Program** is a rigorous and intense program that places specific requirements and demands on the students enrolled in the program. Examples of these requirements include: the ability to meet the technical standards of the program, current immunizations, possible drug testing and criminal background clearance, universal precaution training, clinical experiences, and successful completion of progression criteria. A detailed description of the requirements of the program can be found in the BS in Athletic Training Student Handbook located in the Department of Kinesiology and on the College of Health and Human Services website at:

www.health.uncc.edu/students/handbooks.cfm?dept=students

Students applying for admission to the Athletic Training major must meet the following minimum academic requirements.

- Cumulative GPA of 2.5 or better in all college course work
- Completion of 60 hours
- Successful completion (grade of *C* or better) in all prerequisites for athletic training: BIOL 1273, BIOL 1273L, BIOL 1274, BIOL 1274L, CHEM 1203, CHEM 1203L, CHEM 1204, CHEM 1204L, STAT 1222, COMM 1101, MATH 1100, HLTH 2101*, ATRN 2150, ATRN 2290, ATRN 2294, ATRN 2295, and ATRN 2298. (*LBST 2214 - Health and Quality of Life - can be used as a substitute course for HLTH 2101)
- Proof of current CPR for the Professional Rescuer with AED (or equivalent) certification
- Completion of the Athletic Training Education Program Application Packet
- Completion of all athletic training major prerequisites in the spring semester prior to the fall for which application is being made
- Completion of athletic training observation experience in the spring semester prior to the fall for which application is being made

Students should use the following suggested course sequence to plan their class schedules once they are accepted into the Athletic Training program:

| Junior Year** | |
|---|---|
| Fall Semester | Spring Semester |
| Course | Course |
| ATRN 3260 Nutrition and Health Fitness | ATRN 3286 Exercise Testing |
| ATRN 3280 Foundation of Exercise Physiology | ATRN 3287 Exercise Testing Lab |
| ATRN 3281 Foundation of Exercise Physiology Lab | ATRN 3288 Upper Body Injury Evaluation |
| ATRN 3291 Therapeutic Modalities | ATRN 3289 Upper Body Injury Evaluation Lab |
| ATRN 3292 Therapeutic Modalities Lab | ATRN 3293 General Medical and Psychosocial Aspects of Athletic Training |
| ATRN 3290 Lower Body Injury Evaluation | ATRN 3401 Athletic Training Clinical II |
| ATRN 3295 Lower Body Injury Evaluation Lab | |
| ATRN 3400 Athletic Training Clinical I | |

| Senior Year | |
|---------------|-----------------|
| Fall Semester | Spring Semester |
| Course | Course |
| | |

| | |
|--|---|
| ATRN 4121 Pharmacology for the Physically Active | ATRN 4292 Organization & Admin of Athletic Training |
| ATRN 4286 Exercise Prescription | ATRN 4401 Athletic Training Clinical IV |
| ATRN 4290 Therapeutic Exercise | |
| ATRN 4291 Therapeutic Exercise Lab | |
| ATRN 4293 Biomechanics | |
| ATRN 4294 Biomechanics Lab | |
| ATRN 4400 Athletic Training Clinical III | |

***Prerequisites ATRN 2294 and ATRN 2295 should be taken during the spring semester of the sophomore year.*

A complete sequence of courses can be found online at www.health.uncc.edu/knes.

Department of Public Health Sciences

www.health.uncc.edu/hba

Chairperson: A. Harver
Professors: S. Portwood, K. Schmalting, J. Studnicki
Assistant Professors: Y. Bao, J. Hartos (Coordinator of Undergraduate Programs), L. Huber, E. Racine, M. Thompson (Coordinator of the MSPH Program), J. Warren-Findlow
Visiting Assistant Professor: J. Fisher
Adjunct Professors: W. Brandon, R. Greene, S. Laurent, T. Lightfoot, R. Tong
Adjunct Associate Professors: D. Bosley, J. Dmochowski, S. Hardin, H. Sasser
Adjunct Assistant Professors: J. Barkley, C.T. Humphries, A. Lincourt

The Department of Public Health Sciences at UNC Charlotte engages in research, teaching, and service to produce scholars and leaders prepared: to promote and improve human health across the lifespan; to support the optimal organization and management of healthcare locally, nationally, and internationally; and, to deliver efficient, effective, and accessible high quality health services, particularly to vulnerable populations.

The Department is engaged in the development and implementation of interdisciplinary academic and research programs. Current faculty research themes include: risk for chronic disease; life span health issues; health issues of vulnerable populations; maternal and child health; and, health-related measurement, evaluation, and outcomes.

The Department offers an interdisciplinary minor in Health Studies. Undergraduate interdisciplinary experiences provide students better flexibility in working across disciplines as well as within their own specialty as they grow their careers. The Department also provides opportunities for students to work closely with individual members of the faculty through either Independent Study or Undergraduate Research experiences.

BACHELOR OF SCIENCE IN PUBLIC HEALTH (BSPH)

Public health is the science and art of promoting health, preventing disease and injury, and prolonging life through organized efforts of society. Professionals working in the field of Public Health assess, evaluate, monitor, regulate, and implement health care services in the promotion of healthy behaviors and habits on an individual, family, professional, or community level; focus on a variety of health issues, such as infectious diseases, health problems of the elderly and disadvantaged, chronic diseases, health issues of infants and mothers, toxic wastes, and hazardous chemicals; and work in a wide range of positions, such as in businesses, government agencies, education, not-for-profits, and health organizations.

The BSPH will provide undergraduate students with a solid foundation of knowledge in the 5 core areas of public health (health behavior, epidemiology, administration, environmental health, and biostatistics), and provide research and practice experiences to apply them through core content courses, a required internship, and a capstone experience. The program prepares students for entry to mid-level positions in a variety of settings including health-related agencies and organizations, hospitals, local and state public health departments, academic research centers and institutes, corporate disease management and wellness programs, non-profit agencies, and healthcare businesses and industries. Continued study in the Department of Public Health Sciences is also an option for those interested in graduate degrees in Public Health or Health Administration.



Pre-Public Health (PRPH) Major (Guidelines for Freshman and Sophomore years). Applicants who satisfy freshman or transfer requirements for admission to the University and are interested in the BSPH can declare the Pre-Public Health Major (PRPH). It includes a combination of 70-75 hrs of courses that

fulfills the UNC Charlotte General Education requirements; includes declaring a minor; and serves as preparatory coursework for the Public Health major (BSPH).

Courses for PRPH major (total hrs = 70-75)

English (3 or 6 hrs)

- ENGL 1101 & ENGL 1102 OR
- ENGL 1103

Math (6 hrs)

- MATH 1100 & STAT 1222

Sciences (7 hrs)

- Choose from list in the *Undergraduate Catalog*

Social Sciences (3 hrs)

- Choose from list in the *Undergraduate Catalog*

Liberal Studies (12 hrs)

- Choose from list in the *Undergraduate Catalog*

Prerequisite Core Courses (9 hrs)

- COMM 1101 Public Speaking
- HLTH 2101 Healthy Lifestyles
- HLTH 3101 Foundations of Public Health

Health-Related Communication (choose 6 hrs from the following)

- COMM 2100 Introduction to Communication Theory
- COMM 2105 Small Group Communication
- COMM 2107 Interpersonal Communication
- COMM 3115 Health Communication
- COMM 3130 Communication & Public Advocacy
- COMM 3135 Leadership, Communication, & Group Dynamics
- COMM 3141 Organizational Communication

Declare a Minor (15-26 hrs)

- Choose any minor on campus *except IDHS*

Electives (as many needed for 70-75 hrs total)

- Includes study abroad courses

Applying to the Public Health Major (BSPH). You must apply for admission to the Public Health major (BSPH). Applications are accepted from students who will have completed 60 credit hours by the time they begin to take courses in the major, including the following 25 hrs of courses listed in the PRPH Major (*whether or not you declared the PRPH Major*): COMM 1101, HLTH 2101, HLTH 3101, Math courses (6 hrs), Science courses (7 hrs), and Social Science courses (3 hrs). (*NOTE: Students will complete any remaining PRPH requirements following admission to the BSPH.*)

Admissions only occur for fall semesters and the number of students admitted each fall is limited. Admission into the BSPH Major is competitive and based on the following:

- A minimum cumulative GPA of 2.5 for 60 credit hours
- GPA for completed courses including COMM 1101, HLTH 2101, HLTH 3101, Math

courses (6 hrs), Science courses (7 hrs), & Social Science courses (3 hrs)

- Goal statement and application for admission

Applications for admission should be submitted the spring semester prior to eligibility to begin the BSPH Major in the fall semester. Applications for admission are due March 15 of each year, and include academic transcripts, application, and a statement of future career goals.

Public Health (BSPH) Major (Guidelines for Junior and Senior years). The Public Health major includes 50 hrs of courses that are designed to meet the criteria established by the Council on Education in Public Health (CEPH) for accreditation of public health degree programs. Students completing the curriculum will be eligible to sit for the nationally-recognized Certified Health Education Specialist (CHES) exam.

Courses for the BSPH Major (total hrs = 50)

Core Courses (32 hrs)*

Year 3 Fall

- HLTH 3102 Comparative Healthcare Systems
- HLTH 3103 Behavior Change Theories & Practice
- Remaining 9hrs of course load should be filled with remaining General Education course requirements, remaining Pre-PH Major course requirements, remaining required courses for your declared Minor, required Culture & Health courses, and additional health-related electives

Year 3 Spring

- HLTH 3104 Research & Statistics in Health
- HLTH 3104L Research & Statistics in Health LAB
- HLTH 3105 Public Health Education and Promotion
- Remaining 8hrs of course load should be filled with remaining General Education course requirements, remaining Pre-PH Major course requirements, remaining required courses for your declared Minor, required Culture & Health courses, and additional health-related electives

Year 3 or Year 4

- HLTH 4400 Internship

Year 4 Fall

- HLTH 4102 Healthcare Administration
- HLTH 4103 Environmental Health
- Remaining 9hrs of course load should be filled with remaining required courses for your declared Minor, required Culture & Health courses, and additional health-related electives

Year 4 Spring

- HLTH 4104 Epidemiology
- HLTH 4105 Program Planning & Evaluation
- HLTH 4105L Program Planning & Evaluation LAB
- HLTH 4600 Capstone

- Remaining 5hrs of course load should be filled with remaining required courses for your declared Minor, required Culture & Health courses, and additional health-related electives

**Students will complete the core courses during the designated semesters and will complete the remaining courses from among the following restricted electives as their schedules permit:*

Culture & Health Courses (choose 6 hrs)

- ANTH 3122 Culture, Health, & Disease
- NURS/WMST 4191 Women's Health Issues
- HLTH 3115 Health & the Aging Process
- HLTH/GRNT/WMST 4260 Women: Middle Age & Beyond

Health-Related Electives (choose 12 hrs)

- COMM 3115 Health Communication
- ECON 3141 Health Economics
- EXER 3260 Nutrition & Health Fitness
- EXER 4130 Applied Nutrition for Today's Consumer
- Any HLTH 3000-level or 4000-level course
- POLS 3125 Health Care Policy
- PHIL 3228 Healthcare Ethics
- SOCY 4130 Sociology of Health & Illness
- SOCY 4168 Sociology of Mental Health & Illness
- Any upper level health-related study abroad course

To graduate with a BSPH, you need to have completed 120-125 hrs (70-75 hrs from the PRPH major & 50 hrs from the BSPH major)

MINOR IN INTERDISCIPLINARY HEALTH STUDIES (IDHS)

The Interdisciplinary Health Studies (IDHS) minor was created to support students interested in health-



related careers or those seeking a health dimension within other career choices. Students in the minor come from biological, social, and behavioral sciences, as well as from health-related academic majors. The IDHS minor extends students' working knowledge of health applications, better preparing them to be competitive in the job market and to make advanced degree choices.

Students seeking entry-level positions in health services or non-clinical health agencies and organizations after graduation will find this minor helpful in broadening their understanding of contemporary health issues. Students in the minor are well positioned for graduate work in specific disciplines like psychology, sociology, social work, public health,

health communication, or adult development and aging. The program also provides applied health content and added value to academic degrees of students seeking admission to dental, nursing, medical, pharmacy, physical therapy and other professional schools.

National health priorities in the first decade of the 21st century emphasize interdisciplinary training. As students develop specific healthcare competencies, undergraduate interdisciplinary experiences provide students better flexibility in working across disciplines as well as within their own major.

The IDHS minor is awarded only to students completing an undergraduate major at UNC Charlotte. The IDHS minor consists of 22 semester hours: 13 hours must come from a set of required courses and nine hours must come from a set of restricted electives.

To qualify for the IDHS minor, students must have a grade point average of 2.0 in courses applied to the minor. Students are encouraged to take electives outside their major department and college to gain a broader health perspective. Because additions and deletions of courses may be made to correspond to current University offerings, students are encouraged to consult with the Program Coordinator as they plan their schedules.

Required courses (9 hours):

HLTH 2101 Healthy Lifestyles (3)

HLTH 4104 Epidemiology (3)

PHIL 3228 Healthcare Ethics (3)

Required Science & Lab course (choose one; 4 hours)

ANTH 2141 Principles of Biological Anthropology and Lab (4)

BIOL 1259 & 1259L Bacteriology (3) and Lab (1)

BIOL 1273 & 1273L Human Anatomy & Physiology (3) and Lab (1)

BIOL 3273 & 3273L Animal Physiology (3) and Lab (1)

PSYC 1101 & 1101L General Psychology (3) and Lab (1)

Electives (choose three; 9 hours)

ANTH 3122 Culture, Health, and Disease (3)

COMM 3115 Health Communication (3)

ECON 3141 Health Economics (3)

ETIN 3243 Occupational Health Technology (3)

FINN 3271 Principles of Risk Management & Insurance (3)

GRNT 2100 Introduction to Gerontology (3)

GRNT 3115 Health and the Aging Process (3)

HIST 2140 Disease and Medicine in History (3)

HLTH 3103 Behavior Change Theories and Practice (3)*

HLTH 4280 Global Health Issues (3)*

NURS 4191 Women's Health Issues (3)

POLS 3125 Health Care Policy (3)

PSYC 2160 Introduction to Health Psychology (3)

SOCY 4130 Sociology of Health and Illness (3)

SOCY 4168 Sociology of Mental Health and Illness (3)

**any HLTH course can count as an elective*

Department of Social Work

www.health.uncc.edu/sowk

Chair: D. Long

Professor Emeritus: J. Dudley

Professor: D. Long

Baccalaureate Program Director: R. Furman

Field Coordinator: S. Marchetti

Associate Professors: R. Furman, B. Ramos, J. Shears

Assistant Professors: S. Boyd, S. Kulkarni, M. Shobe

Lecturers: J. Doherty, G. Jordan, S. Marchetti, T. Matthews

The Department of Social Work offers a major in Social Work leading to the Bachelor of Social Work (BSW) degree. On the graduate level, the Department offers the Master of Social Work degree.

BACHELOR OF SOCIAL WORK (BSW)

Social work is a profession devoted to helping people function as effectively as possible within their environment. The BSW degree prepares students for generalist social work practice with individuals, families, groups, organizations and communities. BSW graduates provide services such as assessment and intervention, counseling, crisis intervention, referral, mediation, and advocacy with diverse populations across all age groups. BSW graduates work in a broad array of settings including: hospitals; group homes; mental health, substance abuse, child welfare, and youth and family service agencies; nursing homes, and schools. BSW education also provides an excellent foundation for those who wish to pursue graduate study in social work. The BSW program prepares graduates for the North Carolina Certified Social Worker certification.



MAJOR IN SOCIAL WORK

The major in Social Work leading to the BSW degree consists of 76 credit hours made up of 53 credits in required SOWK courses and 23 credits in required courses from other disciplines.

The core courses for the social work major are: SOWK 1101, 2182, 2183, 3100, 3120, 3181, 3182, 3184, 3201, 3202, 3482, 3484, 3683, and 3685, one social work elective and one other social work or gerontology elective. Other required courses for the social work major are SOCY 1101, BIOL 1110 & Lab; PSYC 1101, POLS 1110, PSYC 3151, SOCY 4156 & Lab, and Foreign Language at the 2200 or 2201 level.

CURRICULUM OUTLINE: BSW DEGREE **

| Fall Semester | | Spring Semester | |
|------------------|------|---------------------------|------|
| Course | Cred | Course | Cred |
| SOCY 1101 | 3 | PSYC 1101 | 3 |
| BIOL 1110 | 3 | POLS 1110 | 3 |
| BIOL 1110L | 1 | ENGL 1102 | 3 |
| ENGL 1101 | 3 | Math or Stat or PHIL 2105 | 3 |
| Math | 3 | LBST 2101 | 3 |
| LBST 1100 Series | 3 | | |

Sophomore Year

| Fall Semester | | Spring Semester | |
|--|------|-------------------------------|------|
| Course | Cred | Course | Cred |
| SOWK 1101 | 3 | SOWK 2183 | 3 |
| SOWK 2182 | 3 | LBST 2200 series | 3 |
| LBST 2102 | 3 | Foreign Language 1201 or 1202 | 4 |
| Foreign Language 1201 or 1202 | 4 | Two Electives | 6 |
| Writing Intensive (W) Elective (outside major) | 3 | | |

Junior Year

| Fall Semester | | Spring Semester | |
|-------------------------------|------|-----------------------|------|
| Course | Cred | Course | Cred |
| SOWK 3120 | 3 | SOWK 3202 | 3 |
| SOWK 3201 | 3 | SOWK or GRNT Elective | 3 |
| SOWK Elective | 3 | SOCY 4156 with Lab | 4 |
| PSYC 3151 | 3 | Two Electives | 6 |
| Foreign Language 2200 or 2201 | 3 | | |

Senior Year

| Fall Semester | | Spring Semester | |
|-----------------------|------|-----------------|------|
| Course | Cred | Course | Cred |
| SOWK 3100 | 3 | SOWK 3182 | 3 |
| SOWK 3181 | 3 | SOWK 3184 | 3 |
| SOWK 3482 | 6 | SOWK 3484 | 9 |
| SOWK 3683 | 1 | SOWK 3685 | 1 |
| Open Slot (if needed) | 3 | | |
| | | | |

***For a detailed description of BSW degree requirements, please refer to the BSW Program Student Handbook online at www.health.uncc.edu/students/handbooks.cfm?dept=students.*

MINOR IN SOCIAL WORK

A minor in social work requires 18 hours in the following social work courses: SOWK 1101, 2182, 2183, and three SOWK electives to be approved by the Social Work Program. The minor does *not* prepare students for professional social work practice.