

WALDRON COLLEGE OF HEALTH AND HUMAN SERVICES

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The Waldron College of Health and Human Services provides undergraduate and graduate students with current and dynamic programs of study for entry into, and advancement within, health and human service related professions as well as meeting credentialing requirements. The undergraduate programs combine a liberal arts and science base with discipline-specific study. The graduate programs provide specialization and experiential advanced study. Undergraduate and graduate programs are characterized by an emphasis on integrating theory and research with practice in the classroom and in practicum experiences. All programs prepare graduates to contribute to the health and well being of the citizens of the region, the commonwealth and the nation. The faculty members are committed to teaching and promoting student development and to advancing scholarship, research and practice.

The Waldron College of Health and Human Services consists of three academic schools offering eight major areas of study. Depending on their choice of major, students in the college may elect to pursue a Bachelor of Science, Bachelor of Arts, Bachelor of Science in Nursing (B.S.N.), or a Bachelor of Social Work (B.S.W.) degree. Students in Therapeutic Recreation may also choose to be advised as pre-Occupational Therapy or pre-Physical Therapy students. Radford works with Virginia Commonwealth University and Shenandoah University to ensure that RU students have the needed prerequisites for their graduate program in occupational and physical therapy.

NOTE: Each program of study has published specific technical standards for successful program completion. Students must consult the program directly to ascertain their ability to meet program completion standards. In addition, all students in the Waldron College must adhere to the "Standards of Professional Practice Education," available in the College Advising Center.

The Waldron College of Health and Human Services is composed of the following schools, departments and concentrations:

Communication Sciences and Disorders	p. 170
Preprofessional Concentration	
Recreation, Parks and Tourism	p. 172
Tourism and Recreation Management Concentration	
Recreation Therapy Concentration	
Outdoor Recreation Concentration	
School of Nursing	p. 174
Foods and Nutrition	p. 180
Dietetics Concentration	
School of Social Work	p. 181

❖ COMMUNICATION SCIENCES AND DISORDERS

Kenneth Cox*, Chairperson
www.radford.edu/~cosd-web/

UNDERGRADUATE PROGRAM

The mission of the Department of Communication Sciences and Disorders is to develop professionals who are ethical, knowledgeable, skillful, and capable of working independently and in collaboration with clients, families, and other professionals.

The commitment of the department to this mission is reflected in the undergraduate liberal arts and sciences requirements; in the academic course work in normal and abnormal development and behavior across the human life span; in course work that engenders awareness of issues in culturally diverse populations; in human communication disorders, and in diagnostic and treatment methodologies; in clinical practica requirements; and in course work teaching research skills that support lifelong learning.

The department offers an accredited graduate program in Speech-Language Pathology and a pre-professional undergraduate program. At the undergraduate level, the department offers a Bachelor of Arts or a Bachelor of Science degree in Communication Sciences and Disorders.

The professional practice of speech-language pathology and/or audiology requires a graduate degree from an accredited program. The department offers Master of Arts and Master of Science degrees at the graduate level. Individuals applying for national certification and state

licensure must hold a Master's (or Doctoral) degree in the appropriate area of study, meet specific requirements in course work, practicum, and professional experience, and pass a national examination.

In the last year of undergraduate study, students apply to graduate programs in Speech-Language Pathology or Audiology. Completion of an undergraduate degree in Communication Sciences and Disorders (COSD) does not guarantee acceptance into a graduate program. Admission into graduate programs is competitive. Graduate school admission requirements and procedures are available in both the printed and on-line versions of the *Radford University Graduate Catalog*.

ADVISING

Freshman and Sophomore Years

Students wishing to pursue a bachelor's degree in Communication Sciences and Disorders (COSD) enter the Waldron College of Health and Human Services (WCHHS) as Pre-COSD majors. They are advised through the WCHHS Advising Center. In their first two years, students typically complete their General Education requirements as specified below.

Junior and Senior Years

In order to be admitted as COSD majors and to take most Core Requirements, students must have junior class standing (completion of 56 semester credit hours) and have earned an overall grade point average of 2.5.

BACHELOR'S DEGREE IN COMMUNICATION SCIENCE AND DISORDERS

120

COSD majors are required to complete 1.) General Education requirements specified by the department, 2.) Core Requirements, 3.) Related Requirements, 4.) Specific degree requirements, and 5.) Elective courses for a total of 120 credit hours for either the Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) degree.

The department strongly advises students to complete the 12 credit hour teacher licensure option, which is a requirement for employment in Virginia public schools.

General Education Requirements

50

COSD majors are required to take the following courses and are advised to take them as part of their General Education Requirements:

Biological Sciences

- BIOL 104. Human Biology. 4
or
BIOL 105. Biology for Health Science. 4
(recommended for students who wish to take additional Biology Courses)

Physical Sciences

- PHYS 111. General Physics. 4
(note prerequisite of MATH 104 or equivalent)
or
CHEM 120. Chemistry of Life. 4

Communication, Mathematical Sciences, and Social and Behavioral Sciences

- ENGL 101. Introduction to Expository Writing. 3
ENGL 102. Reading, Writing, and Research Skills. 3
STAT 200. Introduction to Statistics. 3
PSYC 121. Introduction to Psychology. 3
SOCY 110. Introduction to Sociology. 3

Additional courses to complete all general education requirements

27

COSD Core Requirements

37

- COSD 221. Introduction to American Sign Language (ASL) and Deaf Culture. 3
COSD 225. Communication Processes, Development, and Disorders. 3
COSD 301. Anatomy and Physiology of the S-L-H Mechanism. 3
COSD 315. Language Science and Technology. 3
COSD 316. Hearing Science. 3
COSD 330. Introduction to Audiology. 3
COSD 401. Neuroanatomy in Communication Disorders. 3
COSD 416. Current Topics in Audiology. 3

- COSD 421. Language Development: Birth to Five Years. 3
COSD 425. Later Language Development. 3
COSD 438. Phonetics. 3
COSD 453. Speech-Language Disorders: Prevention, Assessment, and Intervention. 4

Related Requirements

9

- PSYC 218. Adolescent Psychology. 3
PSYC 317. Child Psychology. 3
ENGL 306. Professional Writing. 3

B.A/B.S. Degree Requirements

6-12

Bachelor of Arts

Completion of the Foreign Language requirements described in the Undergraduate Catalog.

or

Bachelor of Science

Six to eight semester credit hours in courses approved by the department. Students should consult with their academic adviser for a listing of those courses.

Elective Courses

10-16

Total Hours Needed for Degree

120

TEACHER LICENSURE OPTION 12

Speech-language pathologists and/or audiologists seeking employment in public schools in the Commonwealth of Virginia are required to hold teacher licensure. The complete requirements for teacher licensure, which include a master's degree, are described on the Virginia Department of Education web page under Licensure Regulations for School Personnel at:

<http://www.pen.k12.va.us/VDOE/>

All COSD majors are strongly encouraged to take the following courses that are required for teacher licensure as part of their undergraduate studies.

PSYC 401. Psychology of the Exceptional Child.	3
or	
EDEF 320. Introduction to Professional Education.	3
EDUC 320. Education in the United States.	3
EDSP 469. Evaluative Techniques.	3
COSD 403. Public School Methods in a Diverse Society*.	3
*Offered only in Summer. May be taken at the graduate level as COSD 511.	

GRADUATION WITH HONORS IN COMMUNICATION SCIENCES AND DISORDERS

Radford University awards two types of Honors degree, Latin Honors and Honors in the Major through the Honors Academy. All COSD undergraduate majors are encouraged to learn about the requirements for these awards and take advantage of the academic opportunities offered through the Honors Academy. A general description of the Honors Academy at Radford

University is available in the undergraduate catalog and on online at: <http://www.radford.edu/~honors/index.html>

ACADEMIC STANDARDS

To graduate with a bachelor's degree in COSD, students must meet the degree requirements stated in the Academic Policies section of the Radford University undergraduate catalog and earn a minimum grade of "C" in each COSD course. High grade point averages (e.g. >3.50) will facilitate possible admission into graduate programs.

GRADUATE PROGRAM

The department offers a graduate program, which is accredited by the American Speech-Language-Hearing Association in speech-language pathology. Graduate school admission requirements and procedures are available in both the printed and on-line versions of the *Radford University Graduate Catalog*.

❖RECREATION, PARKS AND TOURISM

Edward Udd, Chairperson
www.radford.edu/~recparks/

UNDERGRADUATE PROGRAM

Today, Americans have more leisure than they have ever had in the past. As a result, there has been extensive expansion in recreation, parks and tourism provided through community agencies and private businesses. At the same time, concern has risen for individuals of all ages with physical, mental, and social disabilities and the part that recreation services can play in their social adjustment and rehabilitation. The use of natural resources for leisure has also increased. In an attempt to meet these needs and concerns, the Department of Recreation, Parks and Tourism prepares students for professional leadership roles in agencies such as: municipal park and recreation agencies, youth-serving agencies, commercial for-profit facilities, healthcare and rehabilitation agencies, correctional institutions, churches and religious-affiliated agencies, camping and outdoor settings and federal and state governmental units.

In partnership with the University and the Waldron College of Health and Human Services, the mission of the department is to assist in promoting the full potential for quality of life for the citizens of the region, the Commonwealth

of Virginia, and the nation. Thus, the faculty is committed to excellence in teaching, advising, scholarship, research and service.

Regarding its purpose, the department provides each student with opportunities, resources, and guidance to enhance the quality of life of individuals through effective leadership in tourism and recreation management, recreation therapy, and outdoor recreation. Toward this end, both the Bachelor of Science and Bachelor of Arts degrees are designed for the student who is seeking basic, pre-professional knowledge, understanding and experience toward a career in recreation, parks and tourism.

The undergraduate program, which offers a major leading to a bachelor's degree, is accredited by the Council on Accreditation for Parks, Recreation and Leisure Services. Concentrations in tourism and recreation management and recreation therapy are accredited by NRPA/AALR Council on Accreditation. In addition, an option in outdoor recreation is also available. Students who successfully complete courses, recommended electives, and a 600-hour internship in the recreation therapy concentration are qualified to take the national examination for certification through the National Council for Therapeutic Recreation Certification. Also, students who obtain a major in recreation, parks and tourism are eligible to take the national examination for a Certified Park and Recreational Professional through the National Recreation and Park Association National Certification Board.

All students enrolled in departments in the Waldron College of Health and Human Services will be required to have health insurance coverage before they will be allowed to participate in any clinics or field-based experience.

ACADEMIC ADVISING

All students are advised by the Academic Advising Center and are also assigned to a faculty adviser upon entry into the recreation, parks and tourism department. In addition, the Advising Center provides support and assistance to students and faculty within the department. Both faculty advisers and the Advising Center staff are committed to assisting students in: exploring educational and career options; clarifying university and departmental requirements; selecting appropriate courses; evaluating academic progress; and obtaining referral information for academic and student support services.

B.A. OR B.S. DEGREE

RECREATION, PARKS AND TOURISM MAJOR

All requirements for recreation, parks and tourism are outlined below. Among the requirements are General Education, core requirements, course work for one of three concentrations, and recreation, parks and tourism electives. A minimum 2.1 cumulative grade point average (GPA) and 2.5 major GPA are required for RCPT 413: Professional Issues and RCPT 470: Internship. Major GPA is calculated from all RCPT courses.

General Education Requirements 50 (see p. 60)

Majors are required to take the following courses and are advised to take them as part of their General Education requirements.

COMM (communication) course
STAT 200
ITEC 100

Core Requirements 45

RCPT 112. Activity Leadership and Analysis. 3
RCPT 210. Introduction to Recreation, Parks and Tourism. 3
RCPT 230. Introduction to Outdoor Recreation. 3
RCPT 313. Program Planning in Recreation, Parks and Tourism. 3
RCPT 314. Recreation Workshop. 3
RCPT 319. Inclusive Services. 3
RCPT 411. History and Philosophy of Recreation, Parks and Tourism. 3
RCPT 413. Professional Issues in Recreation, Parks and Tourism. 3
RCPT 423. Recreation Administration. 3
RCPT 424. Advanced Recreation Administration. 3
RCPT 436. Research and Technology Applications in Recreation, Parks and Tourism. 3
RCPT 470. Internship. 12

Majors also must fulfill one of the following concentrations:

RECREATION THERAPY CONCENTRATION 24-26

BIOL 105. Biology for Health Science. 4
(BIOL 104 is recommended)
PSYC 121. Introductory Psychology. 3
RCPT 340. Introduction to Recreation Therapy. 3
RCPT 342. Application of Activities for Recreation Therapy. 3

RCPT 344. Program Application in Recreation Therapy.	3
RCPT 445. Programming and Evaluation in Recreation Therapy.	3
PSYC 230. Lifespan Developmental Psychology.	3
PSYC 439. Abnormal Psychology.	3

Six to eight credits from:	6-8
BIOL 322. Human Anatomy and Physiology.	6
BIOL 310. Human Structure and Function I.	4
BIOL 311. Human Structure and Function II.	4

OUTDOOR RECREATION

CONCENTRATION	18-20
BIOL 103. Environmental Biology.	4
RCPT 317. Adventure Programming.	3
RCPT 331. Outdoor Living Skills.	3

Six credits from:	6
RCPT 235. Camp Counseling.	3
RCPT 417. Topical Seminar.	3
(Must be related to Outdoor Recreation)	
RCPT 421. Ropes Course Programming.	3
RCPT 441. Advanced Ropes Course Programming.	3
RCPT 476. Wilderness Institute.	9

Six to eight credits of supportive elective courses from ANTH, ASTR, BIOL, COMM, CRJU, GEOG, GEOL, MGNT, MKTG, PHSC, PSYC, SOCY or SOWK.

These hours meet the B.S. degree requirements. Radford University has an articulation agreement with the National Outdoor Leadership School (NOLS) whereby NOLS courses may be transferred for academic credit.

TOURISM AND RECREATION MANAGEMENT

CONCENTRATION	18
RCPT 328. Design and Maintenance of Recreation Resources.	3
RCPT 350. Commercial Recreation and Tourism.	3

Six credits from:	
RCPT 365. Legal Liability and Risk Management.	3
RCPT 417. Topical Seminar.	3
(Must be related to Tourism and Recreation Management)	
RCPT 425. Ethical Issues in Recreation, Parks and Tourism Management.	3
RCPT 431. Managing Travel Resources.	3
RCPT 435. Tourism and Recreation Marketing.	3

Six to eight credits of supportive elective courses from ACTG, ANTH, BLAW, COMM, ECON, FDSN, GEOG, MGNT, MKTG, PSYC, SOCY or SOWK.

These hours meet the B.S. degree requirements.

HONORS PROGRAM

The Recreation, Parks and Tourism Department offers a departmental honors program. For a general description of the Honors Academy at Radford University, see p. 68. For specific requirements of this department's program, contact the department chairperson or the director of the Honors Academy.

❖SCHOOL OF NURSING

Marcella Griggs*, Director

www.radford.edu/~nurs-web

UNDERGRADUATE PROGRAM

Radford University School of Nursing embraces its tradition of innovative education, practice and scholarship to prepare excellent professional nurses who, by blending knowledge with caring, meet the changing health care needs of the region and beyond. The undergraduate nursing program leads to a Bachelor of Science in Nursing degree. This major includes the development of a broad general education foundation in liberal arts and the physical, behavioral, and social sciences. Nursing courses are concentrated in the junior and senior years (upper division) of the four-year academic program and include classroom, laboratory and clinical learning experiences.

The mission of the Radford University School of Nursing is to educate professional nurses to meet the changing health care needs of the region, state, nation, and world. Educational experiences are designed to prepare students to provide nursing care sensitive to client's diversity. Students are responsible and accountable for nursing practice in keeping with the American Nurses Association's Standards of Clinical Nursing Practice.

The teaching and learning process involves a mutual partnership between students and faculty to develop a knowledge base in the liberal arts, sciences, and the discipline of nursing. This partnership exists to promote critical thinking, ethical decision-making, and lifelong learning. Theory and skills learned in the classroom are applied through a variety of learning experiences. Faculty models the professional nursing role through teaching, scholarship, community

service, and practice. Students are expected to develop a professional identity and professional values.

The curriculum is based on the faculty's beliefs regarding nursing's four metaparadigm concepts: client, environment, health, and nursing. The client is viewed as a holistic entity: a dynamic, interacting, irreducible whole. Clients can be individuals across the lifespan, families, aggregates, communities, and populations. Clients are diverse in such variables as age, gender, sexual orientation, culture, ethnicity, religion, socioeconomic status, lifestyle, values, and functional ability. There is constant interaction between the client and environment. Environment refers to all internal and external conditions, circumstances, and influences – including professional nursing – that interact and affect the client's safety and holistic health. Holistic health, a state of wholeness and a process of becoming increasingly integrated, is associated with evolving awareness of self and enhanced quality of life. The nurse and client form a partnership, and both are informed and flexible in negotiations to promote the client's holistic health.

Nursing is both an art and a science. Caring is the essence of professional nursing. The nursing process is utilized to provide evidence based nursing care across the lifespan. Professional nursing involves interdisciplinary collaboration and forming partnerships with clients to facilitate growth and life processes through effective communication and therapeutic nursing interventions.

Community based nursing practice provides for continuity of care and focuses on delivering the levels of care needed by the client. To reach this goal, professional nurses assume multiple roles, including clinician, educator, collaborator, advocate, information manager, consumer of research, manager, and leader. Nurses must possess the necessary knowledge and skills in health care and information technologies to carry out these roles. Professional nurses influence legislation and policy to advance health care and nursing on a regional, state, national and global level.

GRADUATE PROGRAM

The graduate program in Nursing offers courses leading to the Master of Science degree. The program is designed to provide advanced knowledge in nursing theory, research and practice. For more information about the Master of Science Degree with a major in Nursing, consult the *Radford University Graduate Catalog*.

GERONTOLOGICAL NURSING CERTIFICATE PROGRAM

The School of Nursing offers a Certificate in Gerontological Nursing designed to prepare nurses who have graduated from a baccalaureate or masters nursing program for leadership roles in gerontological nursing practice. Consult the *Radford University Graduate Catalog* for more information.

ACADEMIC ADVISING

During their freshman and sophomore years, Pre-Nursing students are advised in the Waldron College Advising Center. When students are accepted into the upper division nursing sequence, they are assigned to a faculty adviser within the department. Students are encouraged to consult with their academic adviser regularly to facilitate smooth progress towards completion of their degree.

ACCREDITATION AND LICENSURE REQUIREMENTS

The nursing program has been approved by the Virginia Board of Nursing and has full national accreditation. The practice of professional nursing in every state in the United States requires licensure as a Registered Nurse (RN). Successful completion of the nursing program requirements and the awarding of a Baccalaureate of Science in Nursing (BSN) degree qualify the graduate to take the national NCLEX-RN examination for registered nursing in the state of their choice. Opportunity to take this required licensure examination is obtained by application to the appropriate regulatory board of the state in which the applicant plans to practice nursing. The requirements include personal and character criteria and may include criminal record check. The specific requirements are subject to change and vary from state to state. For more information about these requirements in Virginia, call or write:

Board of Nursing
Department of Health Professions
Commonwealth of Virginia
6603 West Broad St., 5th Floor
Richmond, VA 23230-1712
Telephone 804-662-9909
Fax 804-662-9512

FUNCTIONAL AND TECHNICAL STANDARDS

The following serves to notify prospective students of standards required for safe nursing practice. It is the student's responsibility to utilize a critical thinking process to assess, implement, and evaluate their ability to learn and fulfill these standards throughout the educational process and the act of professional nursing. If a student has a disability and requires special accommodations to meet the nursing major program requirements and standards, the student must provide the School of Nursing with documentation and a written plan. This should be obtained from the Radford University Disability Resource Office in the Center for Counseling and Student Development. The accommodation plan must meet increasingly stringent criteria as the student progresses within the program.

A student must be able to:

- A. Assimilate knowledge acquired through lectures, discussions, readings, and self-directed studies and effectively apply that knowledge in clinical settings for a variety of client needs and problems.
- B. Locate, retrieve, and utilize information from a variety of resources, e.g., electronic, libraries, people, and organizations.
- C. Accurately apply basic mathematical skills, e.g., ratio proportion concepts, use of conversion tables, and calculations of drug dosages and solutions.
- D. Comprehend and apply abstract concepts from biological, sociological, and psychological sciences.
- E. Organize thoughts to communicate effectively through written documents that are correct in style, grammar, and mechanics.
- F. Accurately read charts, records, scales, small print, handwritten notations, and distinguish colors.
- G. Distinguish tonal differences and be able to use the telephone.
- H. Distinguish odors, e.g., drugs, solutions, body fluids, smoke, and chemicals.
- I. Demonstrate sufficient tactile ability to differentiate changes in sensation, with and without the use of protective gloves, e.g., pulse, temperature, and skin irregularity.
- J. Manipulate equipment appropriately to provide nursing care to clients, e.g., syringes, infusion pumps, life support devices, and stethoscopes.
- K. Move unassisted from room to room, maneuver in small spaces, and stand for long periods of time.
- L. Provide a safe and clean environment, and be able to assist others in activities of daily living, e.g., walking, bathing, eating, toileting, transferring, and lifting.
- M. Appreciate the diversity of people relative to age, gender, sexual orientation, culture, ethnicity, religion, socioeconomic level, lifestyle, values, and functional ability.
- N. Establish interpersonal rapport sufficient to communicate, collaborate, and relate effectively with individuals, families, community groups, and health care professionals.
- O. Complete assignments within specified time periods, e.g., technical procedures, health assessments, written work, tests, and client documentation.
- P. Perform multiple tasks accurately in rapidly changing situations.
- Q. Take responsibility for personal safety in laboratory and clinical environments.

POLICIES AND PROCEDURES FOR ADMISSION TO UPPER DIVISION NURSING MAJOR

1. Students electing to enter the School of Nursing enter as pre-nursing students. Early in the academic semester prior to the semester in which entrance to upper division is desired, students must apply for admission to the upper division nursing major. All students must have a minimum cumulative grade point average of no less than 2.5 to apply to the upper division nursing major; however, the actual G.P.A. required for admission may be significantly higher. Admission is competitive, with admission granted on a space available basis.
2. Transfer students are advised that after 24 credit hours are earned at Radford University, the Radford G.P.A. is used for admission. Transfer students who have earned less than 24 credit hours at Radford University are advised that the combined G.P.A. for all course work is considered. Credit may be earned for select courses by examination (CLEP, ACT-PEP).
3. Students who entered Radford University as full-time freshmen with a declared pre-nursing major and have earned a cumulative G.P.A. of 3.5 on a minimum of 24 semester hours of credit at Radford University will receive a priority admission status at the end of the second semester of the enrollment, contingent upon maintaining a 3.2 G.P.A. and completing coursework according to the School of

Nursing Guidelines below.

4. The application process for the School of Nursing is as follows:

- A. Applicants must be admitted to Radford University prior to admission to the upper division major.

- B. Submit application to the School of Nursing for Fall admission by the deadline date of December 15 or for Spring admission by the deadline date of August 1.

- C. Submit official transcripts of all college course work. Transcripts must show completion of the following prerequisite courses with a grade of "C" or above:

CHEM 102. General Chemistry
or

CHEM 103. General Chemistry
or

CHEM 120. Living Systems.

PSYC 230. Lifespan Developmental
Psychology.

SOCY 110. Introduction to Sociology.

FDSN 214. Introduction to Nutrition.

ITEC 100. Introduction to Information
Technology.

STAT 200. Introduction to Statistics.

BIOL 322. Anatomy and Physiology.

BIOL 334. Microbiology.

NURS 321. Pathophysiology.

- D. All students must be within 6 hours of completing general education requirements before admission to the upper division nursing major. Students are advised that failure to complete all general education courses prior to enrollment in the upper division major may result in the necessity of attending summer school or an additional academic year or semester(s).

Applicants who hold a Baccalaureate Degree from an accredited institution have met general education requirements.

- E. At the time of application deadline, the student may only have one (1) of the following courses left to complete: Chemistry, Microbiology, Anatomy and Physiology. Students transferring from the community college system please note that to receive transfer credit for Chemistry and/or Anatomy and Physiology at Radford University, you must have completed the two (2) course sequence of these courses (i.e., CHM 101 and 102; BIO 141 and 142).

5. Following acceptance to the upper division nursing major, the student will:

- A. Purchase a workbook to study and successfully pass a Math and Medical Abbreviation Test with a minimum grade of 85 percent.

- B. Submit a completed Radford University School of Nursing Health Record with up-to-date immunizations and TB skin test or chest X-ray during the term prior to enrollment in upper division courses (form sent after admission).

- C. Provide evidence of current certification in Basic First Aid. This is a one-time only requirement.

- D. Provide evidence of current certification in: Cardiopulmonary Resuscitation (CPR), American Heart Association Basic Life Support, Adult and Infant (BLS-C) preferred, American Red Cross accepted. The student is responsible for maintaining current certification throughout the upper division nursing program. If CPR certification has expired, no grace period will be allowed and the student may not attend clinical rotations.

- E. Complete a Criminal Background Investigation prior to enrollment in upper division courses (form sent after admission).

- F. Complete a Urine Drug Screen (completed during first week of upper division classes).

UPPER DIVISION NURSING SPECIAL REQUIREMENTS (Junior/Senior Years)

The upper division nursing courses are offered at two locations: the Radford University campus which admits students for upper division in Fall Semester and the Roanoke site, located 50 miles northeast of Radford, which admits students for upper division in Spring Semester. Students indicate a preference on their applications.

Nursing majors incur financial costs in addition to those already required by the university. A physical examination with updated immunizations, a current certification in CPR, and a current certification in Basic First Aid are required prior to beginning upper-division classes. Each student is personally responsible for transportation to and from institutions and agencies utilized for clinical learning experiences. Additional expenses for field trips and testing will be incurred and are the student's responsibility.

UPPER DIVISION ACADEMIC POLICIES

1. Grading Scale:
 A = 90-100
 B = 82-89
 C = 75-81
 D = 70-74
 F = 0-69
2. After acceptance to the School of Nursing and prior to beginning upper division nursing courses, the student must purchase a workbook to study for an successfully pass a Math and Medical Abbreviation Test with a minimum grade of 85 percent. A student will be required to pass Medical Dosage Calculation Tests in selected clinical nursing courses throughout the curriculum.
3. A minimum grade of "C" is required in each nursing course.
4. The theory grade measured through testing will stand alone as the course grade if less than 75 percent is achieved.
5. In courses with theory, laboratory and/or graded clinical components, a passing grade of 75 percent must be earned in each component in order to pass the entire course. In addition, clinical evaluations must receive a PASS on PASS/FAIL system in order to pass the course.
6. If the student makes below the grade of "C" in any (2) upper division nursing major courses, the student is withdrawn from the upper division nursing program and may not apply for readmission.
7. A minimum grade point average of 2.500 in the nursing major is required for graduation.
8. The credit hour ratio for classroom instruction is 1:1 (One hour of course credit for one hour of instruction.)
9. The credit hour ratio for laboratory instruction is 1:2 (One hour of course credit for two hours of instruction.)
10. The credit hour ratio for clinical instruction is 1:3 (One hour of course credit for three hours of instruction.)
11. Nursing students must always be safe in practice; any compromise of safe practice can be a cause for immediate withdrawal from the program. This includes psychomotor and/or psychosocial areas.
12. In addition to meeting the preceding requirements, a student must fulfill other policies outlined in the current School of Nursing *Undergraduate Student Handbook*.
13. Students who withdraw from or fail upper division nursing courses must request continuation in the School of Nursing. The

ability to progress through the remainder of the program is not guaranteed and is on a space available basis.

B.S.N. DEGREE NURSING MAJOR

All course requirements for nursing majors are outlined below.

General Education Courses 50 (see p. 60)

Nursing majors are required to take the following prerequisite courses and are advised to take them as part of their general education requirement:

BIOL 105. Biology for Health Science.
 CHEM 102 or 103. General Chemistry
 or
 Chemistry 120. Living Systems.
 PSYC 121. Introductory Psychology.
 PSYC 230. Lifespan Developmental Psychology.
 SOCY 110. Introduction to Sociology.
 FDSN 214. Introduction to Nutrition.
 ITEC 100. Introduction to Information Technology.
 STAT 200. Introduction to Statistics.

Additional Courses 13

BIOL 322. Anatomy and Physiology. 6
 BIOL 334. Microbiology. 4
 NURS 321. Pathophysiology 3
 (also counts as core requirement).

Core Requirements 60

NURS 340. Health Assessment. 3
 NURS 342. Foundations of Community
 Based Nursing. 3
 NURS 343. Nursing Therapeutics. 4
 NURS 352. Mental Health Nursing. 5
 NURS 360. Pharmacology. 3
 NURS 362. Nursing Research. 2
 NURS 364. Nursing of the Adult I. 6
 NURS 366. Nursing of the Childbearing
 Family. 5
 NURS 443. Nursing of Children. 5
 NURS 444. Gerontological Nursing. 5
 NURS 448. Nursing of the Adult II. 5
 NURS 451. Community Health Nursing. 5
 NURS 453. Leadership in Nursing. 4
 NURS 454. Clinical Nursing Practicum. 5

Electives 0

Total Credits Needed for Degree 123

REGISTERED NURSES: RN-BSN TRACK

Registered nurses who wish to earn a Bachelor of Science in Nursing degree, who have not earned a previous Bachelors Degree, must complete all the General Education and additional course requirements previously listed, with the exception of NURS 321 Pathophysiology, which is part of NURS 335 Transition Course I. The registered nurse student may substitute any two semesters of a freshman laboratory science for the biology/chemistry requirement.

Registered nurse students may also earn advanced placement credit for selected upper division nursing courses. This credit is awarded following successful completion of the RN Transition Courses: NURS 330, 335 and 435. To qualify for advanced placement credit, registered nurse students must be admitted to the upper division major, give evidence of having practiced nursing within the past five years, and hold an active license to practice nursing in Virginia. If the student fails an RN transition course, the student must enroll in the appropriate basic courses to receive credit and meet degree requirements.

Registered nurse students can earn credit for FDSN 214 through enrollment or challenge examination prior to admission to the upper division major. Students wishing to take a challenge examination pay a nonrefundable fee per credit hour. If unsuccessful on the challenge examination, the student will be required to complete FDSN 214 through enrollment.

The registered nurse student must earn at least 26 semester hours of credit through enrollment. All registered nurse students must enroll in the following courses: NURS 330, 335, 444, 362, 435, 449, and 451.

REGISTERED NURSES: RN/BSN/MSN TRACK

A student in this option will undertake a program of studies that will reflect: (1) a point at which the student will have completed the BSN which will include 63 credits of coursework, a combination of 46 undergraduate credits and 15 graduate credits; (2) a MSN component that is consistent with either the FNP or one of the CNS concentrations. Consult the *Radford University Graduate Catalog* for more information.

ADMISSION REQUIREMENT

Admission into the accelerated RN/BSN/MSN option requires that the applicant have completed a general education and prerequisite

course work, a minimum of 60 credits. In addition to completion of all lower division requirements, admission requirements include:

- submission of application to the University
- minimum cumulative grade point average (GPA) of 3.0 on a scale of 4.0 on lower division coursework
- graduation from a nationally accredited Diploma or Associate Degree nursing program
- submission to the Graduate College or official scores from the Graduate Record Exam (GRE) or the Miller Analogies Test (MAT)
- current licensure to practice as an RN in Virginia
- submission of resume that includes education and professional practice history; must be able to document a minimum of one year of full time or the equivalent of 12 months of nursing practice within the past three years
- availability for interview, preferably in person, but by phone if at a distance.

Required Courses

Courses taken towards the BSN include:

NURS 343. Nursing Therapies. (completed by challenge exam)	4
NURS 362. Nursing Research.	2
NURS 435. RN Transition II.	3
NURS 444. Gerontological Nursing.	5
NURS 449. Leadership in Nursing.	5
NURS 451. Community Health Nursing.	5
NURS 620. Theoretical Foundations in Nursing.	3
NURS 628. Advanced Pathophysiology.	3
NURS 629. Advanced Health Assessment.	3
NURS 631. Pharmacotherapeutics for Primary Care Providers.	3
NURS 651. Role Preparation in Nursing.	2

Upon successful completion of all BSN requirements (the end of three academic semesters of full time study plus one summer) students will be awarded a BSN, and will be eligible for admission into the clinical portion of one of the MSN concentration, FNP or CNS. The MSN will require an additional 30-36 credits, depending on the concentration.

The total time required, after accomplishment of lower division requirement, for completion of the RN/BSN/MSN-FNP is six academic semesters of full time study, plus two summer courses. The total time for completion of the RN/BSN/MSN-CNS is five academic semesters of full time study, plus two summer courses. An individualized Program of Study will be developed for the student who wishes to complete the option on a part time basis.

HONORS PROGRAM IN NURSING

The School of Nursing participates in the Radford University Honors Academy. For specific requirements contact the director of the Radford University Honors Academy.

❖FOODS AND NUTRITION

Marcella Griggs, Director School of Nursing
www.radford.edu/~fdsn-web/
www.radford.edu/~nurs-web

UNDERGRADUATE PROGRAM

The curriculum in Foods and Nutrition is interdisciplinary in nature and includes courses that provide a broad background to prepare students for employment in a wide variety of settings. RU's program is accredited by the American Dietetic Association's Commission on Accreditation for Dietetics Education. Upon completion of the B.S. Degree, students are eligible to apply to an accredited dietetic internship and subsequently sit for the national registration exam, the final step in the credentialing process to become a Registered Dietitian (RD). Registered Dietitians are employed in hospitals, wellness centers, health departments, private practice, health-related agencies and consulting positions with pharmaceutical and food companies.

ACADEMIC ADVISING

All Foods and Nutrition students are assigned to a faculty adviser. Students are encouraged to consult with their academic adviser regularly to facilitate smooth progress towards completion of their degree.

B.S. DEGREE

All requirements for a degree are outlined below.

General Education Requirements 50 (see p. 60)

Majors are required to complete the following courses and are advised to take them as part of their General Education requirements:

CHEM 101: CHEM 103 or 120.
 General Chemistry: Chemistry of Life
 PSYC 121. Introductory Psychology.

MATH 104. College Algebra.
 STAT 200. Introduction to Statistics.
 FDSN 214. Introduction to Nutrition.

Core Requirements 49

FDSN 100. Introduction to Professions of Foods and Nutrition.	2
FDSN 204. Basic Food Preparation.	4
FDSN 218. Food Service Studies I: Introduction to Food service Systems.	3
FDSN 314. Community and Cultural Nutrition.	3
FDSN 316. Nutrition in the Life Cycle.	3
FDSN 318. Food Service Studies II: Operations Management.	4
FDSN 403. Nutrition Assessment.	4
FDSN 404. Laboratory Methods in Foods and Nutrition.	4
FDSN 414. Advanced Nutrition and Biochemistry I.	4
FDSN 415. Advanced Nutrition and Biochemistry II.	4
FDSN 425. Medical Nutrition Therapy I.	4
FDSN 426. Medical Nutrition Therapy II.	4
FDSN 435. Nutrition Counseling and Education I.	3
FDSN 436. Nutrition Counseling and Education II.	3

Related Courses 14

BIOL 105. Biology for Health Science.	4
BIOL 334. Microbiology.	4
MGNT 322. Organizational Behavior.	3
MGNT 323. Human Resource Management.	3

B.S. Degree Requirement 6

BIOL 322. Anatomy and Physiology.	6
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Electives 1

Recommended Electives include:

Spanish courses that indicate fluency in conversational Spanish. Students planning on graduate school in Foods and Nutrition are advised to take CHEM 471 and also CHEM 102 and 301 in lieu of CHEM 120.

Total Credits Needed for Degree 120

HONORS PROGRAM IN FOODS AND NUTRITION

The Foods and Nutrition program offers an honors program. For a general description of the Honors Academy at Radford University, see p. 68. For specific requirements of this program, contact the department head or the director of the Honors Academy.

❖SCHOOL OF SOCIAL WORK

Cathryne Schmitz, Director

Steven Culver, BSW Program Coordinator

Diane Hodge, MSW Program Coordinator

www.radford.edu/~sowk-web/

The School of Social Work offers the Bachelor of Social Work (BSW) and the Masters Degree in Social Work (MSW). Both programs are accredited by the Council on Social Work Education (CSWE). The undergraduate program prepares students for beginning generalist social work practice while the graduate program offers a concentration in community-based family practice. For further information consult the *Radford University Graduate Catalog*.

UNDERGRADUATE PROGRAM IN SOCIAL WORK (BSW)

The Social Work Program is a comprehensive professional program that prepares students for beginning generalist social work practice. Students majoring in Social Work, graduate with a Bachelor of Social Work degree.

SOCIAL WORK GENERAL ADMISSIONS CRITERIA

Applicants must meet academic and non-academic standards for successful admission, progression through and graduation from the BSW program. In order to assist students in developing the knowledge base and social work practice skills necessary to be successful generalist social work practitioners, the School of Social Work has developed technical standards and a process to become a social work major.

Copies of the Policies for Admission and Progression in the Social Work Major may be requested from the School of Social Work. The BSW degree consists of four components: General Education requirements, pre-professional core courses (pre-Social Work majors), a portfolio, and a professional core (Social Work majors). A 610-hour internship in the senior year is also required.

ADMISSIONS CRITERIA

Applicants must meet the following criteria for admission into the Social Work major from pre-Social Work:

1. Have a minimum overall GPA of 2.5; have passed with a "C" or better in each of the following courses: SOWK 200, SOWK 210, BIOL 104, PSYC 121, SOCY 110, ENGL 102 and ANTH 121.

2. Have received a grade of "P" in SOWK 289 or if applying while concurrently in that course, have received a mid-term evaluation of "P". Students who apply while in SOWK 289 will receive a provisional acceptance if all other academic requirements are met until they complete SOWK 289 with a grade of "P".
3. A completed application to major in Social Work (available from the School of Social Work Admissions Coordinator, 206 Waldron Hall), with accompanying prerequisite documentation. This must be submitted to the School of Social Work by the application deadline.
4. Interviews may be conducted by the Social Work Committee to determine acceptance into the major.

ROANOKE CAMPUS (VWCC)

Radford University School of Social Work and the Mental Health Technology (MHT) program at Virginia Western Community College (VWCC) have an articulation agreement which allows graduates of the MHT program who choose to do so to move into the Radford University BSW program as SOWK majors.

LIFE EXPERIENCE/PREVIOUS WORK EXPERIENCE

The School of Social Work follows the Council on Social Work Education's guideline that no academic credit be given for life experience or previous work experience.

SOCIAL WORK MAJOR

All requirements for Social Work majors are outlined below.

General Education Requirements **50** (see p. 60)

Majors are required to take the following courses and are advised to take them as part of the General Education requirements:

PSYC 121. Introductory Psychology.	3
BIOL 104. Human Biology.	
and either	
BIOL 103. Environmental Biology.	
or	
BIOL 105. Biology for Health Science.	4:4
Communication/English/Foreign	
Language (from general education list).	3
SOCY 110. Introduction to Sociology.	3
ANTH 121. Cultural Anthropology.	3
PHIL 111, 112, 113, or 114	3

ECON 101, 105, 106 or POSC 110	3
STAT 200	3
ITEC 100	3

Special Note: Required base courses, pre-professional courses and professional courses must be completed with a grade of "C" or better.

Required Base Courses

SOCY 250. Social Inequality.	9
or	
SOCY 331. Race and Ethnic Relations.	
or	
PSYC 250. Psychology of Diversity.	3
PSYC 439. Abnormal Psychology.	3
PSYC 361. Psychology of Personality.	
or	
PSYC 343. Social Psychology.	3

Pre-professional Courses

SOWK 200. Introduction to Professional Practice.	10
SOWK 210. Interventive Methods I.	3
SOWK 289. Preprofessional Field Instruction.	3
*Roanoke students see requirements in VWCC Catalog – Mental Health Technology Programs.	

Professional Courses

SOWK 300. Human Behavior and the Social Environment I.	39
SOWK 301. Human Behavior and the Social Environment II.	3
SOWK 320. History of Social Welfare.	3
SOWK 321. Foundations of Social Policy.	3
SOWK 350. Introduction to Social Work Research.	3
SOWK 422. Interventive Methods II.	3
SOWK 423. Interventive Methods III.	3
SOWK 424. Interventive Methods IV.	3
SOWK 489. Professional Field Instruction.	12
SOWK 490. Professional Field Instruction Seminar.	3

Electives

12
Students should consult with their academic advisers in selecting elective courses to complete the 120 semester hours required for graduation.

Total Credits Needed for Degree 120

PRE-PROFESSIONAL SOCIAL WORK MINOR (18 semester hours)

A minor in pre-professional social work means that a student has studied in the field of social work but has not met the professional certification requirements. A pre-professional minor in social work consists of a minimum of 18 semester hours to be chosen from the following courses.

SOWK 200. Introduction to Professional Practice.	3
SOWK 210. Interventive Methods I.	3
SOWK 289. Preprofessional Field Instruction.	3
SOWK 300. Human Behavior and the Social Environment I.	3
SOWK 301. Human Behavior and the Social Environment II.	3
SOWK 320. History of Social Welfare.	3
SOWK 321. Foundations of Social Policy.	3
SOWK 350. Introduction to Social Work Research.	3
SOWK 410. International Perspectives on Social Welfare.	3
SOWK 421. Child Welfare.	3
SOWK 422. Interventive Methods II.	3
SOWK 423. Interventive Methods III.	3
SOWK 424. Interventive Methods IV.	3
SOWK 425. Gerontology: Social Welfare Aspects.	3
SOWK 480. Special Topics Seminar.	3
SOWK 488. Honors Project.	3
SOWK 498. Independent Study.	6

* Students interested in a Minor in Social Gerontology please see the College of Arts and Sciences Sociology program (p. 119).