

BIOLOGY/NURSING DUAL DEGREE, BACHELOR OF SCIENCE

Pending CHE SACSCOC approval

Code	Title	Hours
General Education Courses		
<i>I. Communication</i>		
English:		
ENGL U101	Composition I	3
ENGL U102	Composition II	3
Speech:		
SPCH U201	Foundations in Oral Communication	3
<i>II. Mathematics, Logic & Natural Sciences</i>		
Mathematics:		
MATH U126	Precalculus I (or higher)	3
MATH U127	Precalculus II ¹	3
Natural Science (w/ lab): ²		
CHEM U111 & U111L	General Chemistry and General Chemistry Lab	4
CHEM U112 & U112L	General Chemistry and Qualitative Analysis and General Chemistry and Qualitative Analysis Lab. ³	4
<i>III. Information Technology</i>		
Information Technology:		
CSCI U138	Introduction to Computer Technology	3
or INFO U101	Survey of Information Technology	
<i>IV. Fine Arts, Humanities & History</i>		
Fine Arts:		
Select one of the following:		3
AFAM U204	African American Culture	
ARTH U101	Introduction to Art	
ARTH U105	History of Western Art: Prehistory - Middle Ages	
ARTH U106	History of Western Art: Renaissance - Modern	
ENGL U208	Introduction to Creative Writing	
MUSC U110	Introduction to Music	
MUSC U140	History of American Popular Music	
SOST U201	Introduction to Southern Studies	
THEA U161	Introduction to Theatre Art	
THEA U170	Fundamentals in Acting	
History:		
Select one of the following:		3
HIST U101	Introduction to World History I	
HIST U102	Introduction to World History II	
HIST U105	History of the United States to 1877	
HIST U106	History of the United States from 1865	
<i>V. Foreign Language & Culture</i>		
Foreign Language:		
Select one two-course sequence from the following: ⁴		6

ASLG U101 & ASLG U102	American Sign Language I and American Sign Language II	
FREN U101 & FREN U102	Introductory French I and Introductory French II	
GERM U101 & GERM U102	Introductory German I and Introductory German II	
SPAN U101 & SPAN U102	Introductory Spanish I and Introductory Spanish II	
<i>VI. Social & Behavioral Sciences</i>		
Social & Behavioral Science:		
PSYC U101	Introduction to Psychology	3
Select one of the following:		3
AFAM U201	Introduction to African American Studies	
ANTH U102	Understanding Other Cultures	
ECON U221	Principles of Macroeconomics	
ECON U222	Principles of Microeconomics	
GEOG U103	Introduction to Geography	
POLI U101	American National Government	
SOCY U101	Introduction to Sociology	
WGST U101	Introduction to Women's & Gender Studies	
<i>VII. General Education Electives</i>		
Choose from the options below if hours are required in the major:		
Select any approved general education course or courses (https://academic-catalog.uscupstate.edu/academic-programs/general-education-courses/)		0
Major Requirements ^{2,5,6}		
BIOL U101 & U101L	Introductory Biology I and Introductory Biology I Lab	4
BIOL U102 & U102L	Introductory Biology II and Introductory Biology II Lab	4
BIOL U301 & U301L	Introduction to Ecology and Evolutionary Biology and Introduction to Ecology and Evolutionary Biology Lab.	4
BIOL U302 & U302L	Introduction to Cell and Molecular Biology and Introduction to Cell and Molecular Biology Lab	4
BIOL U315 & U315L	Human and Comparative Anatomy and Comparative Vertebrate Anatomy Lab ³	4
BIOL U330 & U330L	Microbiology and Microbiology Lab ³	4
BIOL U350 & U350L	Genetics and Genetics Lab	4
BIOL U360 & U360L	Human and Comparative Physiology and Human & Comparative Physiology Lab ³	4
BIOL U370	Pathophysiology	3
or NURS U308	Pathophysiology Topics in Health Care	
One additional 500-level biology course		3-4
BIOL U599	Senior Seminar	3
NURS U301	Nutrition	3
NURS U306	Introduction to Professional Nursing	4
NURS U310	Health Assessment	3
NURS U310P	Health Assessment Lab	0
NURS U320	Fundamentals of Nursing	6
NURS U320P	Fundamentals of Nursing Practicum	0
NURS U325	Evidence-Based Practice	3

NURS U330	Health Alterations I	6
NURS U330P	Health Alterations I Practicum	0
	or NURS U331P International Health Alterations I Practicum	
NURS U351	Psychiatric Mental Health Nursing	6
NURS U351P	Psychiatric Mental Health Nursing Practicum	0
	or NURS U352P International Psychiatric Mental Health Nursing Practicum	
NURS U375	Pharmacology	3
NURS U410	Health Alterations II	6
NURS U410P	Health Alterations II Practicum	0
	or NURS U412F International Health Alterations II Practicum	
NURS U440	Nursing of Childbearing Families and Women's Health	5
NURS U440P	Nursing of Childbearing Families and Women's Health Practicum	0
	or NURS U443F International Nursing of Childbearing Families and Women's Health Practicum	
NURS U442P	International Psychiatric Mental Health Nursing Practicum	0
NURS U445	Child Health Nursing	5
NURS U445P	Child Health Nursing Practicum	0
	or NURS U446P International Child Health Nursing Practicum	
NURS U450	Health Alterations III	5
NURS U450P	Health Alterations III Practicum	0
	or NURS U451P International Health Alterations III Practicum	
NURS U461	Community and Public Health Nursing	6
NURS U461P	Community and Public Health Nursing Practicum	0
	or NURS U471P International Community and Public Health Nursing Practicum	
NURS U480	Nursing Content Mastery	1
NURS U499	Leadership in Professional Nursing Practice	3
NURS U499P	Senior Practicum in Professional Nursing	3
Minor (not required to earn degree)^{2,7}		
Select 0 or 18-24 credits		
Supporting Courses²		
CHEM U331 & U331L	Organic Chemistry I and Organic Chemistry Laboratory I	5
CHEM U332 & U332L	Organic Chemistry II and Organic Chemistry Laboratory II	5
MATH U102	Elementary Statistics	3
	or PSYC U225 Psychological Statistics	
PSYC U302	Developmental Psychology ³	3
Total Hours		168-169

¹ The successful completion of MATH U127 Precalculus II with a minimum grade of C fulfills the Group II Mathematics requirement. The additional three hours are made up as electives.

² A minimum grade of C is required.

³ CHEM U112 General Chemistry and Qualitative Analysis, BIOL U315 Human and Comparative Anatomy, BIOL U330 Microbiology, BIOL U360 Human and Comparative Physiology, BIOL U370 Pathophysiology, and NURS U308 Pathophysiology Topics in Health Care have a 5-year age limit. Students are allowed two attempts to earn a "C" or better in each course. Attempts include a W, WF, and UD. Students who make below a "C" two times in any of these five courses or any nursing courses or

any combination, will be ineligible for the biology-nursing double major or nursing program. Applicants must have completed two of the five required science courses and be enrolled in a third required science at the time of application.

⁴ The minimum acceptable level of competency is completion of the 102 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.

⁵ A biology course used to meet biology major requirements may not be taken more than twice. Attempts include receiving a W, WF, and AUD. Appeals to this policy may be made to the Chair of Natural Sciences.

⁶ To receive a biology degree, students must complete at least 15 hours of major course credit at USC Upstate.

⁷ Up to 6 hours (8 hours if lab courses) of general education (less than 300-level) may be used to satisfy requirements of a minor.

Admission Policies

Admission as a Freshman

Entering USC Upstate freshmen interested in nursing as a career must meet general entrance requirements of the university. Each student declaring nursing as a major are noted as "pre-nursing students" and are advised in the Office of Nursing Student Support Services. Students enrolled in the lower division of the college should meet with an advisor in planning an appropriate program of study. The program of study will ensure that each student registers for the correct prerequisite courses for the upper division courses. Students must meet with a nursing advisor each semester prior to registration. Students must complete all prerequisites prior to enrolling in the upper division of nursing. For information or assistance, call the College of Nursing (864) 503-5441.

Admission into the nursing major is competitive. A separate application for the final two years of the nursing major (<https://www.uscupstate.edu/academics/mary-black-college-of-nursing/undergraduate-programs-and-resources/bachelor-science-nursing/>) must be submitted by published dates on the forms available on the University website. The College admits applicants for the non-licensed portion of the upper division twice a year for the fall and spring semesters. Each semester's junior class is selected from all applicants who meet all the minimum requirements.

Admission to the Upper Division

The final two years of the nursing curriculum are considered to be the upper division and are composed of professional nursing courses. In order to be considered for admission to the professional nursing major, students enrolled at USC Upstate must complete a separate application form which is available through the College of Nursing website. Transfer students must first apply to USC Upstate through the Office of Admissions and also complete a separate application available through the College of Nursing website.

Applications for admission for non-licensed students must be submitted to the College of Nursing by published dates for Fall and Spring semesters. Students typically apply for admission into the upper division during the first semester of their sophomore year. Applicants are not required to complete a Certified Nursing Assistant (CNA) program.

Bachelor of Science in Nursing applicants should meet the following criteria:

Admission into the upper division, or final two years of study, in the nursing program is competitive. All applications are carefully reviewed.

Minimum admissions criteria for Bachelor of Science in Nursing applicants are listed below.

General Admission Requirements¹

- Applicants must be admitted to the University of South Carolina Upstate and have a minimum cumulative GPA of 3.0 on a 4.0 scale.
- Minimum GPA requirements must be maintained through the completion of all prerequisite courses.
- Applicants must earn a C or better in all prerequisite courses to be considered for admission.
- Applicants must have a minimum required science GPA of 2.5 on a 4.0 scale.
 - The five courses included in the science GPA for the BS Biology/BS Nursing are:
 - CHEM U112 General Chemistry and Qualitative Analysis & CHEM U12L General Chemistry and Qualitative Analysis Lab.
 - BIOL U315 Human and Comparative Anatomy & BIOL U315L Comparative Vertebrate Anatomy Lab
 - BIOL U330 Microbiology & BIOL U330L Microbiology Lab
 - BIOL U360 Human and Comparative Physiology & BIOL U360L Human & Comparative Physiology Lab
 - BIOL U370 Pathophysiology & NURS U308 Pathophysiology Topics in Health Care
 - These courses must be successfully completed in 2 attempts (W, WF, and AUD count as one attempt) to remain eligible for admission.
- An applicant who fails two required science courses, any two nursing courses², or a combination of the two, by earning a grade less than a C will be ineligible for admission.
- If a student is required to complete the BIOL U143 Foundations of Human Physiology. course before progressing to Human Anatomy & Physiology I, the Foundations course will count as a required science course and must be successfully completed in 2 attempts (W, WF, and AUD count as one attempt) to remain eligible for admission. The Foundations course will **not** count towards the required science GPA.
 - Examples that would cause ineligibility include, but are not limited to:
 - A grade below a C in Chemistry twice
 - A grade below a C in Anatomy and Physiology (A&P) I and Medical Terminology
 - A grade below a C in Anatomy and Physiology II and Microbiology
 - A student withdraws and receives a W for A&P I. Then in a second attempt, earns a grade below a C in A&P I. The student has exhausted the attempts for the course.
 - Retaking a course for a passing grade does not negate a previous failure.
- The College of Nursing does not recognize the grade forgiveness policy of USC Upstate or any other school.
- Applicants must have completed all prerequisite requirements prior to beginning upper-division nursing courses. All prerequisites must be completed by the end of the previous major semester (fall or spring). If applying for fall term, one course may be taken over the previous summer at a USC system campus only.
- If a student has an academic integrity violation on record, their eligibility will be evaluated on a case-by-case basis.
- Upon tentative acceptance to the program, students must successfully complete:

- a criminal background check
- a drug screening
- American Heart Association Healthcare Basic Life Support (BLS) certification
- clinical requirements as mandated by our clinical settings

Science and Nursing Course Policies

In addition to the science and nursing² course notes above:

- Applicants must have completed two of the five required science courses and be enrolled in a third required science at the time of application.
- All science and nursing² courses must be completed within the last five years.
- If an applicant has two nursing failures from any school within the last 5 years, they would be ineligible for the program.
- Science and Nursing policies are not an option for student appeal.

¹ Applicants that meet one of the two following admission criteria are encouraged to apply (3.0 Cumulative GPA and 2.5 Science GPA). These students will be considered on a case by case basis when seats are available.

² Nursing courses are defined as any USC Upstate course with a prefix of NURS or any course that is accepted as a NURS course for our program.