

Norfolk State University Bachelor of Science in Biology

Associate Transfer Degree Plan in Biology

COURSE REQUIREMENTS

Complete at VCCS				Complete at NSU		
BACHELOR'S DEGREE REQUIREMENT	SATISFIED BY			BACHELOR'S DEGREE REQUIREMENT		
Course	Credits	CC Course	Notes	Course	Credits	Notes
SEM 101 (1 credit), SEM 102 (1 credit), and SEM 201 (1 credit)	1-2	SDV 100 College Success Skills or 101 Orientation	Students will receive 1 or 2 credits based on the number of credits transferred from the VCCS course. Students may need to take an additional 1 or 2 credits at NSU to meet the 120-credit-hour minimum.	PED 100 Fundamentals of Fitness for Life	1	Students may take these courses at VCCS if possible.
ENG 101	3	ENG 111 College Comp I		HED 100 Personal and Community Health	2	
ENG 102	3	ENG 112 College Comp II or 113 Tech Prof Writing		CSC 150 Computer Literacy	3	Students may take this course at VCCS if possible.
General Education	3	Any UCGS Art or Humanities	These two courses must come from two different disciplines.	ENG 285 Public Speaking	3	Students may take this course at VCCS if possible.
General Education	3	Any UCGS Art, Humanities, or Literature		Organic Chemistry	5-10	Only 5 credits if completed Organic Chemistry I at VCCS
General Education	3	Any UCGS Social & Behavioral Science (not History)		Cultural Electives	6	
BIO 110 and BIO 110L	4	BIO 101 Gen Bio I				
MTH 184	4	MTH 263 Calc I		BIO 260/L (Zoology) BIO 261/L (Botany)	4	Students are required to take both Botany and Zoology.
General Education	3	Any UCGS History		BIO 351/L (Microbiology) BIO 351/L (Genetics)	4	Students are required to take both Microbiology and Genetics.
BIO 111 and BIO 111L	4	BIO 102 Gen Bio II		Physics	4-8	Only 4 credits if completed University Physics at VCCS
CHM 221 and CHM 221L	4	CHM 111 Gen Chem I		Upper-level Biology courses	29	
CHM 222 and CHM 222L	4	CHM 112 Gen Chem II				

BIO 351/L (Microbiology) BIO 351/L (Genetics)	4	BIO 205 Gen Microbio or BIO 256 Genetics				
BIO 260/L (Zoology) BIO 261/L (Botany)	4	BIO 110 Gen Botany or BIO 120 Gen Zoology				
CHM 321/L PHY 152/152L	4-5	CHM 241 Organic Chemistry I + CHM 245 Organic Chemistry I lab OR PHY 241 University Physics 1	Students should take either Organic Chemistry 1 or University Physics 1			
MTH 151 (College Algebra) MTH 153 (College Algebra and Trig) Language 1 Language 2	Up to 12	Math prerequisites (MTH 161 PreCalculus I / MTH 162 PreCalculus II, MTH 167 PreCalculus with Trigonometry), World Languages, or other college requirements.	If students have room in schedule, additional Biology or transfer electives can be taken.			
CREDITS PRE-TRANSFER: 60-62				CREDITS POST-TRANSFER: 60		

TRANSFER GUIDANCE

Guaranteed Admission Agreement between NSU and the VCCS

This degree program is covered by NSU's Guaranteed Admission Agreement.

By meeting the following criteria, you are guaranteed admission to the Bachelor of Science in Biology:

- Earn a transfer associate degree based on the Biology curriculum.
- Earn a minimum of 2.0 GPA for the associate degree.
- A maximum of 63 credits will transfer and apply toward a bachelor's degree requirements.
- Submit your transfer application for Fall admission by March 1 and for Spring admission by December 1, including an unofficial transcript.
- Request an official transcript to be sent upon completing the associate degree.
- Transfer within four years of first enrolling at the community college and within one year of completing the appropriate associate degree.

Please create an account through the www.TransferVirginia.org portal to indicate your intent to use this guarantee for admission to NSU.

IMPORTANT LINKS & DATES:

- **University Transfer Center:** Transfer Admissions & Services <https://www.nsu.edu/transfer>
- **Register Intent to Transfer:** By the end of your first semester at the Community College through College Connect at www.TransferVirginia.org
- **Admission Application:** By May 1 at <https://www.nsu.edu/Admissions-Aid/Apply-Online>
- **Financial Aid:** <https://www.nsu.edu/tuition-and-financial-aid>
- **FAFSA - Free Application for Federal Student Aid:** By October 1 at studentaid.gov

WHAT SHOULD I CONSIDER WHEN SELECTING COURSES?

- A grade of C or higher is required for all Biology, Chemistry, Math, and English courses. Core prerequisites General Biology I, General Biology II, Botany and Zoology are prerequisites for higher level biology courses. Students may choose from three curriculum tracks.
- Create a schedule for all required courses, pay attention to prerequisites and when courses are offered, and complete your first math and English courses in your first year. For help, see Transfer Steps and Resource Center at www.TransferVirginia.org
- Connect with an advisor at your community college and Norfolk State University within your first year. College Connect available in your account at www.TransferVirginia.org

IS THIS DEGREE RIGHT FOR ME?

- This program requires students to complete two semesters of General Chemistry and two semesters of Organic Chemistry.
- Students on the Biology Pre-Professional track are required to complete 10 credits of math that includes Algebra, Algebra and Trigonometry, and Calculus.

- Students have an opportunity to participate in research by working with faculty on undergraduate research projects and through Course-Based Undergraduate Research Experiences.

WHAT IS THE IMPACT ON MY DEGREE OF WORK I HAVE ALREADY COMPLETED?

- **Associate Transfer Degree Completion:** Completion of a transfer-level associate degree satisfies all lower division general education requirements.
- **Dual Enrollment – Completion of Associate Degree in HS:** The agreement of guaranteed admission into the college applies to students earning an associate degree concurrent with high school who have completed a transfer-approved degree with a minimum of 45 credits completed through a Virginia Community College, with a GPA of 2.0 or higher and that meets all requirements outlined in the transfer guide.
- **Credit for Prior Learning:** All course credits that were awarded by the two-year institution for equivalent prior learning experiences (IB, AP, CLEP, Military, etc.) will transfer based on the transfer equivalence for the course award.
- **Catalog Year:** Catalog year determined by first semester of attendance at the community college post high school graduation. For students maintaining continuous enrollment, this entitlement will be in effect for a minimum of four years from the time of the students' first enrolment at the two-year institution. Students must enroll at the four-year institution within one year of completing their associate degree.

IS THIS COLLEGE RIGHT FOR ME?

- NSU has been ranked by U.S. News and World Report as one of the Top 20 HBCUs in the nation.
- It is close to downtown Norfolk and within driving distance to Virginia Beach.
- On-campus housing is available.
- Weekend/evening/summer courses are available and online degree options are available for several programs.
- NSU is a military-friendly institution.

Learn more about our college at www.TransferVirginia.org

DID YOU KNOW THAT...

- Completing your Associate transfer degree post-high school satisfies all lower division general education requirements and increases the chance of completing your bachelor's degree?
- Exceeding 3 years or 90 credits at your community college means you may have exhausted your financial aid at that college and have limited your future financial aid at Norfolk State University?

WHAT CAN I DO WITH THIS DEGREE?

- The Bachelor of Biology degree program prepares students for a diverse array of careers in biology.
- Explore possible careers, salaries, and job outlook at www.TransferVirginia.org

PROGRAM SUCCESSES & HIGHLIGHTS

- The biology degree program offers students an opportunity to participate in undergraduate research via Course Based Undergraduate Research Experience.
- The biology degree program offers one on one career planning for students interested in health science careers.
- The biology program offers an active learning environment that promotes experiential learning experiences.

WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

- NSU accepts 90 percent of students who complete an application.
- The average GPA of students admitted to NSU is 2.9.

Learn more about applying at www.TransferVirginia.org

DO MORE WITH YOUR DEGREE!

- A degree in Biology prepares you to pursue a career in health-related fields, research, teaching, government, private industry, and much more. The department provides support through its career pathway program to help students prepare for their careers.
- The B.S. in Biology (Track 1) enables majors to pursue graduate degrees with an option for employment at the bachelor level.
- The B.S. in Biology (Track 2) enables students to follow Option 1, then seek specific endorsement. (e.g., teachers' licensure)
- The B.S. in Biology Pre-professional (Track 3) provides a background for students seeking post-graduate training in medicine, dentistry, veterinary medicine, optometry, pharmacy, osteopathy, podiatry and advanced graduate research fields.

OTHER THAN CLASSES, ARE THERE OTHER PROGRAM REQUIREMENTS?

- There are no other program requirements, but students are encouraged to take advantage of campus and departmental organizations and resources that support student development and career planning.