

# Old Dominion University Bachelor of Science in Chemistry

## Associate Transfer Degree Plan in Chemistry

### COURSE REQUIREMENTS

Complete at VCCS				Complete at ODU		
BACHELOR'S DEGREE REQUIREMENT	SATISFIED BY		Notes	BACHELOR'S DEGREE REQUIREMENT	Credits	Notes
Course	Credits	CC Course		Course		
UNIV 100	1-2	SDV 100 or 101		CHEM 160G	3	Students must earn a grade of C or better
ENGL 110C	3	ENG 111		COMM 101R	3	<b>Could be completed at the VCCS:</b> CST 100  Students must earn a grade of C or better
ENGL 211C	3	ENG 112 or ENG 113		CHEM 321/322	5	
Gen Ed: Liberal Arts	3	Any UCGS Art or Humanities	These two courses must come from two different disciplines.	CHEM 331	3	
Gen Ed: Liberal Arts	3	Any UCGS Art, Humanities, or Literature		CHEM 352 or CHEM 442W	2-4	
Gen Ed: Human Behavior (S)	3	Any UCGS Social & Behavioral Science		CHEM 351	3	
CHEM 121N/122N	4	CHM 111		CHEM 441	3	
MATH 211	4	MTH 263		CHEM 332W	2	
Gen Ed: Interpreting the Past (H)	3	Any UCGS History		CHEM 333	3	
CHEM 123N/124N	4	CHM 112		CHEM 334W	2	
MATH 212	4	MTH 264		CHEM 415, 439, 443, 449, 451 or 453	6	Students will select two courses from the list
PHYS 231N/232N	8	PHY 241/242		CHEM 421/422	6	
CHEM 211/212	5	CHM 241 and CHM 245		CHEM 485	1	
CHEM 213/214	5	CHM 242 and CHM 246		300/400 Level Non-Chemistry Electives	6	

Electives	Up to 9	<p><b>If students have completed all prerequisites and other college requirements, they can select up to 9 credits from:</b></p> <p>BIO 101 General Biology I          BIO 102 General Biology II          BIO 206 Cell Biology          MTH 245 Statistics          Additional transfer courses.</p>		Electives	12	
MATH 162M, MATH 163, or Transfer Electives	Up to 9	<p>MTH 161 or MTH 162</p> <p>If students do not need MTH prerequisites, then take additional transfer electives.</p>	ODU prefers if students complete MTH 162 if prerequisite math is needed.			
CREDITS PRE-TRANSFER: 60-63				CREDITS POST-TRANSFER: 60-62		

## TRANSFER GUIDANCE

### Guaranteed Admission Agreement to ODU

**Students who meet the prescribed curriculum and the criteria below are guaranteed admission into Old Dominion University.**

**This agreement does not guarantee your enrollment in any specific major.**

- Earn a transferable associate degree (Associate of Arts, Associate of Science, and Associate of Arts and Science at approved institutions only)
- Students may submit a Letter of Intent to Transfer after completion of 15 transferrable credits, 2.5 or higher GPA, and 90 days prior to graduation from a VCCS institution
- Graduate with a minimum 2.5 cumulative GPA
- Earn a grade of "C" or higher in each community college course applicable to the transfer-oriented associate degree program
- Enroll at ODU within one year of completing the transfer-oriented associate degree

Please visit the [TransferVirginia.org](http://TransferVirginia.org) portal to find course requirements for different majors (Transfer Tools) and **Transfer Guides** that outline course requirements for specific majors. (Resource Center)

See the [VCCS Transfer Programs](#) page for more details in our Guaranteed Admission Agreement..

### IMPORTANT LINKS & DATES:

- **University Transfer Center:** <https://www.odu.edu/transfer>
- **Intent to Transfer:** Submit a Letter of Intent 90 days prior to graduation from a VCCS institution to ODU. You can review more information about the process at <https://www.odu.edu/transfer/guaranteed-admission>
- **Admission Application:** Priority deadline by August 1 for Fall Admission and by October 1 for Spring Admission. The application for admission can be found here: <https://www.odu.edu/apply/applications>
- **Financial Aid:** [ODU Financial Aid](#)
- **FAFSA - Free Application for Federal Student Aid**

### WHAT SHOULD I CONSIDER WHEN SELECTING COURSES?

- Connect with a pre-transfer advisor if you are considering transferring to ODU. Contact them at [transfercenters@odu.edu](mailto:transfercenters@odu.edu) during your first year at the VCCS.
- Create a schedule for all required courses, pay attention to prerequisites and when courses are offered, complete your first math and English courses in your first year. For help, see Transfer Steps and Resource Center at [www.TransferVirginia.org](http://www.TransferVirginia.org)

- Connect with an advisor at your community college and Old Dominion University within your first year. College Connect available in your account at [www.TransferVirginia.org](http://www.TransferVirginia.org)

### IS THIS DEGREE RIGHT FOR ME?

- Available opportunity in unlocking the second-half of the genetic code
- There are advancing artificial photosynthesis using mixed-metal multi nuclear inorganic complexes.
- Students are discovering new uses for by-products of biomass fuels.
- The Chemistry department provides options for carbon dioxide sequestration via designer metallomesogens.

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

- **Associate Transfer Degree Completion:** Lower Division General Education Requirements will be waived for transferable associate degrees. Students completing an AS in General Studies degree recognized by SCHEV are eligible for the waiver as long as they are completing a [transfer degree](#) approved by SCHEV at a VCCS.
- **Dual Enrollment – Completion of Associate Degree in HS:** The GAA at ODU applies to students who have earned an associate degree during high school. Students should apply as a freshman applicant and would be eligible for the benefits of the agreement, such as the lower division general education waiver, if admitted.
- **Credit for Prior Learning:** ODU accepts credits from prior learning to include [AP](#), [IB](#), [CLEP](#), and [Cambridge Advanced A/S](#).
- **Catalog Year:** Undergraduate students may choose to graduate under the catalog in effect of their first enrollment at ODU or any subsequent catalog provided that the students graduate within six years from the date of first enrollment.

### IS THIS COLLEGE RIGHT FOR ME?

- Old Dominion University's waterfront campus is in the coastal city of Norfolk, VA, home to the world's largest U.S. Navy base. From internship opportunities with some of the world's top companies, to great shopping and dining, to beautiful beaches and historic sites, there's always something to discover.
- ODU's 337-acre campus with 3 higher education centers off campus, is the region's only public urban research university. It has both on-campus and off-campus housing options for almost 24,000 students, and a 16:1 faculty ratio.
- ODU is highly ranked among one of the best public higher education institutions in Virginia for Military Vets.
- Transfer students make up 40% of the undergraduate population. Learn more about our college at [www.TransferVirginia.org](http://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 ODU?

#### WHAT CAN I DO WITH THIS DEGREE?

Explore possible careers, salaries, and job outlook at [www.TransferVirginia.org](http://www.TransferVirginia.org)

#### PROGRAM SUCCESSES & HIGHLIGHTS

- Advanced satellite-based instruments are used to probe our planet's atmosphere to better understand the role of greenhouse gases and ozone.
- Usage of high-field NMR to unravel the mysteries of diseases ranging from the common cold to polio.
- Program will carry out computer simulations of protein nucleic acid binding to DNA and of selenium bio-inorganics which offer insight into solving the complexities of cancer.

#### WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

As of current data from Fall 2024, ODU's acceptance rate for transfer students is approximately 99%

Learn more about applying at [www.TransferVirginia.org](http://www.TransferVirginia.org)

#### DO MORE WITH YOUR DEGREE!

- Research opportunities are available to enrich students' understanding of real world problems. Professional training through research experiences
- Participate in professional development
- Cooperative arrangements exist with Thomas Jefferson National Accelerator Facility and NASA Langley Research Center.

#### OTHER THAN CLASSES, ARE THERE OTHER PROGRAM REQUIREMENTS?

- Written permission is required to take upper-level courses elsewhere.
- There is a maximum of four activity credit hours students can earn towards their degree.
- Completion of the Senior Assessment - which collects actionable and meaningful data that leads to academic improvement for students and faculty.
- Students are required to earn a C or better in all courses required for the major, including prerequisites courses.