

Old Dominion University Bachelor Sciences in Mathematics

Associate Transfer Degree Plan in Mathematics

COURSE REQUIREMENTS

| Complete at VCCS | | | | Complete at ODU | | |
|-----------------------------------|--------------|---|--|---------------------------------|---------|---|
| BACHELOR'S DEGREE REQUIREMENT | SATISFIED BY | | | BACHELOR'S DEGREE REQUIREMENT | | |
| Course | Credits | CC Course | Notes | Course | Credits | Notes |
| UNIV 100 | 1-2 | SDV 100 or 101 | | STAT 310 | 3 | |
| ENGL 110C | 3 | ENG 111 | | MATH 311W | 3 | |
| ENGL 211C or 231C | 3 | ENG 112 or ENG 113 | | MATH 316 | 3 | |
| Gen Ed: Liberal Arts | 3 | Any UCGS Art or Humanities | These two courses must come from two different disciplines. | MATH 317 | 3 | |
| Gen Ed: Liberal Arts | 3 | Any UCGS Art, Humanities, or Literature | | STAT 331 | 3 | |
| Gen Ed: Human Behavior (S) | 3 | Any UCGS Social & Behavioral Science | ODU recommends students complete ECO 202 at the VCCS if they plan to major in the Actuarial Mathematics degree | 300-400 Level Non-Math Elective | 12 | |
| Gen Ed: Interpreting the Past (H) | 3 | Any UCGS History | | CS 151 or 153 | 4 | |
| Gen Ed: Natural Science (N) | 4 | Any UCGS Natural Sciences | | MATH 307 | 3 | |
| MATH 211 | 4 | MTH 263 | A C+ or higher is required in this course for the Math degree at ODU | MATH 312 | 4 | |
| PHIL 120P | 3 | PHI 111 | | Specific Major Requirements | 18-24 | Students must choose a major in the Math degree plan : Applied Mathematics, Actuarial Mathematics, Big Data Analytics, Secondary Mathematics Education, or Statistics/Biostatistics |
| ODU Equivalent | 3-4 | Any UCGS course | | | | |
| MATH 212 | 4 | MTH 264 | A C+ or higher is required in this course for the Math degree at ODU | Electives | | Students may need to complete electives to meet the 120 minimum graduation requirement |

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|---|-----|---|--|------------------------------|--|--|
| MATH 285 | 4 | MTH 265 | A C or higher is required in this course for the Math degree at ODU | | | |
| MATH 2ELE, MATH 280, CS 381, or CS 2ELE | 3 | MTH 266, MTH 267, MTH 288, or CSC 208 | Students cannot receive credit for both CSC 208 and MTH 288 A C or higher is required in the math course recommendations for the Math degree at ODU | | | |
| MATH 2ELE, MATH 280, CS 381, or CS 2ELE | 3 | MTH 266, MTH 267, MTH 288, or CSC 208 | Students cannot receive credit for both CSC 208 and MTH 288 | | | |
| STAT 330 | 3 | MTH 283 | A C or higher is required in this course for the Math degree at ODU | | | |
| PHYS 111N/112N | 4 | PHY 201 | Fulfills a Nature of Science requirement | | | |
| ODU Equivalent | 4-9 | Math prerequisites (MTH 161 / MTH 162, MTH 167), World Languages, other college requirements, or additional transfer electives. | Take math prerequisite(s) if needed or an elective if math prerequisites are not required | | | |
| CREDITS PRE-TRANSFER: 60-62 | | | | CREDITS POST-TRANSFER: 59-62 | | |

TRANSFER GUIDANCE

Guaranteed Admission Agreement

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, or Associate of Arts and Science at the VCCS)
- 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 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**.

This transfer guide shows an optimal path to a bachelor’s degree in Mathematics at ODU. Completing the coursework above will position you to transfer to ODU in Applied Mathematics with junior standing and the potential to graduate in two years. If you complete the associate degree but haven’t taken all of the recommended courses, you may still be able to pursue a Mathematics degree at ODU, but your time to graduation may be impacted.

IMPORTANT LINKS & DATES:

- **University Transfer Center:** <https://www.odu.edu/transfer>
- **Intent to Transfer:** Although not required, students may 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 during your first year at the VCCS.

- 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 www.TransferVirginia.org
- Connect with an advisor at your community college and ODU within your first year. College Connect available in your account of www.TransferVirginia.org

IS THIS DEGREE RIGHT FOR ME?

- The department has an active research program with ongoing grant support from NASA, NFS, EVMS, JLab and the Commonwealth of Virginia. In the last decade, the department has consistently ranked in the top 20% nationally among all mathematics departments in the US in terms of federal R&D expenditures.
- For students following the Mathematics degree plan, they will complete some core Math coursework and then have a specific major within the degree. The majors that are offered are the following: Applied Mathematics, Actuarial Mathematics, Big Data Analytics, Secondary Mathematics Education, and Statistics/Biostatistics

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 the 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

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

PROGRAM SUCCESSES & HIGHLIGHTS

- The inclusion of a minor in Risk Management and Insurance introduces the student to specific uses of Actuarial Mathematics.
- The combination of Applied Mathematics and Statistics expands the student's knowledge of solution methods for Risk Analysis.
- The inclusion of computational analytical methods introduces the student to computer modeling.

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

DO MORE WITH YOUR DEGREE!

- Any student who wishes to receive a practicum or internship experience may do so as an integral part of the degree program. Student's may substitute the practicum experience for one of the optional courses listed in the major.

OTHER THAN CLASSES, ARE THERE OTHER PROGRAM REQUIREMENTS?

- A grade of C+ or higher is required in MATH 211 (MTH 263 at the VCCS) and MATH 212 (MTH 264 at the VCCS). A cumulative GPA of 2.3 or higher is required in all 300 and 400 level core courses with no grade lower than a C. In addition, a grade of C or higher is required in mathematics and statistics prerequisite courses to advance to the next course.
- Elective credit may be needed to meet the minimum requirement of 120 credit hours for all students earning BS in Mathematics.
- Students who plan to major in Secondary Math Education will need to complete 26 credit hours in Professional Education Core coursework