

2020-2021 Old Dominion University Catalog
Bachelor of Science in Health Sciences
Cytotechnology Major (with VCCS Equivalencies)

Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed.

** Indicates not automatically waived with transferrable associates degree, C or better required for transfer. Courses in **green** are met by the completion of an Associate degree (Not eligible for Applied Associate degrees). AS in Health Science or Science recommended for ease of transfer.*

YEAR 1 - FRESHMAN (34 CREDITS)

FALL SEMESTER (17 credits)

General Education Coursework:

VCCS Equivalency:

*ENGL 110C: English Composition I
 *CHEM 105N/106N: Intro to Chemistry or
 CHEM 121N/122N: General Chemistry I
 *BIOL 121N/122N: General Biology I
 *MATH 102M: College Algebra or
 MATH 162M: Precalculus
 Language and Culture I
 (May be waived, see catalog for details)

ENGL 111
 CHM 101 or 121 or 111
 BIO 101
 MTH 158 or 161 or 163
[VCCS Transfer Guide](#)

SPRING SEMESTER (17 credits)

General Education Coursework:

VCCS Equivalency:

*ENGL 211C or 231C: English Composition II
 *CHEM 107N/108N: Intro to Organic Chem or
 CHEM 123N/124N: General Chemistry II
 *BIOL 123N/124N: General Biology II
 Information Literacy
 Language and Culture I
 (May be waived, see catalog for details)

[VCCS Transfer Guide](#)
 CHM 102 or 122 or 112
 BIO 102
[VCCS Transfer Guide](#)
[VCCS Transfer Guide](#)

YEAR 2 - SOPHOMORE (33 CREDITS)

FALL SEMESTER (14 credits)

General Education Coursework:

VCCS Equivalency:

*BIOL 250: Human A&P I or
 BIOL 240: Fundamentals of A&P I
 *BIOL 150/151: Introduction to Microbiology
 Literature
 Human Creativity

BIO 141, 231 or NAS 161
 BIO 150, 205 or NAS 185
[VCCS Transfer Guide](#)
[VCCS Transfer Guide](#)
[VCCS Transfer Guide](#)

SPRING SEMESTER (13 credits)

Application Deadline is February 1st!

General Education Coursework:

VCCS Equivalency:

*BIOL 251: Human A&P II or
 BIOL 241: Fundamentals of A&P II
 Human Behavior
 Philosophy and Ethics
 Interpreting the Past

BIO 141, 231 or NAS 162
[VCCS Transfer Guide](#)
[VCCS Transfer Guide](#)
[VCCS Transfer Guide](#)

SUMMER SEMESTER (6 credits)

Option D: Any six (6) credit hours of 300/400 level courses EXCEPT CYTO, CHP, DNTH, ENVH, HLTH, MLS, NMED, NURS, PUBH.
 Must include an Impact of Technology "T" course unless lower division gen-eds satisfied by transferrable associates degree.

No VCCS Equivalency

YEAR 3 - JUNIOR (46 CREDITS)

FALL SEMESTER (12 credits)

Major Coursework:

No VCCS Equivalency

CYTO 404 General Pathology
 CYTO 407 Clinical Histology (Strongly Recommended)
 CYTO 428W Cytopreparatory Techniques and Procedures
 MDTs 401 Molecular Diagnostics Laboratory

SPRING SEMESTER (18 credits)

Major Coursework:

No VCCS Equivalency

CYTO 403 Gynecological Screening Laboratory
 CYTO 405 Normal Gynecological Cytology
 CYTO 415 Abnormal Gynecological Cytology
 CYTO 430 Cytology Laboratory Operations & Ancillary Techniques
 CYTO 442 Gastro-Intestinal Cytology
 CYTO 458 Cytology Internship I

SUMMER SEMESTER (16 credits)

Major Coursework:

No VCCS Equivalency

CYTO 424 Respiratory Cytology
 CYTO 444 Genitourinary Cytology
 CYTO 445 Breast Cytology
 CYTO 446 Body Fluids Cytology
 CYTO 448 Non-Epithelial Cytology
 CYTO 468 Cytology Internship II

YEAR 4 - SENIOR (17 CREDITS)

FALL SEMESTER (17 credits)

Major Coursework:

No VCCS Equivalency

CYTO 456 Fine Needle Aspiration Cytology I
 CYTO 457 Fine Needle Aspiration Cytology II
 CYTO 478 Cytology Internship III
 CYTO 497 Cytology Senior Seminar
 CYTO 499 Comprehensive Cytology Review

DECEMBER GRADUATION - Eligible for National Boards, Employable by January

PROGRAM ADMISSIONS REQUIREMENTS: Application deadline is March 15th for fall admission. Program prerequisites may be in progress at the time of application but students must complete the following courses prior to entering the Cytotechnology Program: MATH 102M or 103M, BIOL 121N/122N, BIOL 123N/124N, BIOL 250 & 251 or BIOL 240 & 241, BIOL 150/151, CHEM 105N/ 106N, CHEM 107N/108N. <https://www.odu.edu/mdts/cytotechnology>
NOTE: Oral Communication satisfied in major. Option D satisfies the Upper Division General Education requirement by completing six (6) credits at the 300-400 level outside of the college of your major. Foreign language may be satisfied with 3 years of 1 or 2 years of 2 languages in high school; graduation from HS prior to 12/31/85, or with AA or AS Degree from VCCS.

GRADUATION REQUIREMENTS: Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a minimum of 120 credit hours, which must include both a minimum of 30 credit hours overall and 12 credit hours in upper-level courses in the major program for Old Dominion University, *completion of ENGL 110C and ENGL 211C, 221C or 231C, and the writing intensive (W) course in the major with a grade of C or better. and completion of Senior Assessment.