

2018 - 2019 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 waived by the completion of an Associate degree (Not eligible for Applied Associate degrees).

YEAR 1 - FRESHMAN (34 CREDITS)

FALL SEMESTER (17 credits)

SPRING SEMESTER (17 credits)

General Education Coursework:

VCCS Equivalency:

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

*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)

SPRING SEMESTER (13 credits)

Application Deadline is February 1st!

General Education Coursework:

VCCS Equivalency:

General Education Coursework:

VCCS Equivalency:

*BIOL 250 Human A&P I or
 BIOL 240 Fundamentals of A&P I
 *BIOL 103: Bacteriology/Microbiology
 Literature
 Human Creativity

BIO 141, 231 or NAS 161
 BIO 150, 205 or NAS 185
 VCCS Transfer Guide
 VCCS Transfer Guide

*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: six (6) credit hours of 300/400 level courses from outside the College of Health Sciences; must include an Impact of Technology "T" course unless lower division gen-eds satisfied by transferrable associates degree

No VCCS Equivalency

YEAR 3 - JUNIOR (49 CREDITS)

FALL SEMESTER (15 credits)

SPRING SEMESTER (18 credits)

Major Coursework:

No VCCS Equivalency

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No VCCS Equivalency

CHP 450 Community Health Administration
 CYTO 428W Cytopreparatory Techniques and
 Procedures
 CYTO 404 General Pathology
 MDTS 400 Principles of Molecular Pathology and
 Clinical Diagnostics
 MDTS 401 Molecular Pathology/Clinical Diagnostics
 Lab

CYTO 403 Gynecological Screening Lab
 CYTO 407 Clinical Histology
 CYTO 405 Normal Gynecological
 CYTO 415 Abnormal Gynecological Cyto
 CYTO 442 Gastrointestinal Cyto
 CYTO 458 Cytology Internship I

SUMMER SEMESTER (16 credits)

Major Coursework:

No VCCS Equivalency

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

YEAR 4 - SENIOR (15 CREDITS)

FALL SEMESTER (15 credits)

Major Coursework:

No VCCS Equivalency

CYTO 455 Fine Needle Aspiration
 CYTO 478 Cyto Internship III
 CYTO 497 Senior Seminar

DECEMBER GRADUATION - Eligible for National Boards, Employable by January

PROGRAM ADMISSIONS REQUIREMENTS: Suggested biology/chemistry courses to meet departmental requirement for Cytotechnology. 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 103, CHEM 105N/ 106N, CHEM 107N/108N.

* Program requirement, must be completed with a C or better; C- is not acceptable.

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.