

**2017 - 2018 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)

General Education Coursework:

*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)

VCCS Equivalency:

ENGL 111
CHM 101 or 121 or 111
BIO 101
MTH 158 or 161 or 163
Transfer Guide

SPRING SEMESTER (17 credits)

General Education Coursework:

*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 Equivalency:

Transfer Guide
CHM 102 or 122 or 112
BIO 102
Transfer Guide
Transfer Guide

YEAR 2 - SOPHOMORE (33 CREDITS)

FALL SEMESTER (14 credits)

General Education Coursework:

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

VCCS Equivalency:

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

SPRING SEMESTER (13 credits)

Application Deadline is February 1st!

General Education Coursework:

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

VCCS Equivalency:

BIO 141, 231 or NAS 162
Transfer Guide
Transfer Guide
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-ed's satisfied by transferrable associates degree

No VCCS Equivalency

YEAR 3 - JUNIOR (49 CREDITS)

FALL SEMESTER (14 credits)

Major Coursework:

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

No VCCS Equivalency

SPRING SEMESTER (19 credits)

Major Coursework:

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

No VCCS Equivalency

SUMMER SEMESTER (16 credits)

Major Coursework:

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

No VCCS Equivalency

YEAR 4 - SENIOR (15 CREDITS)

FALL SEMESTER (15 credits)

Major Coursework:

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

No VCCS Equivalency

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.