2016-2017 Old Dominion University Catalog
Bachelor of Science in Health Sciences (Cytotechnology Track) (with VCCS Equivalencies)

Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed.
Courses in green are not automatically waived with transferrable associates degree. Core 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
VCCS Equivalency: ENGL 111
*MATH 102M: College Algebra
VCCS Equivalency: *ENGL 211C: English Composition II
Information Literacy
*CHEM 105N/106N: Intro to Chemistry or CHEM 121N/122N: General Chemistry I
VCCS Equivalency: CHM 101 or 121 or 111
*CHEM 107N/108N: Intro to Organic Chem or CHEM 123N/124N: General Chemistry II
VCCS Equivalency: CHM 102 or 122 or 112
*BIOL 121N/122N: General Biology I
VCCS Equivalency: BIO 101
Language and Culture I (May be waived, see catalog for details)
*BIOL 250: Anatomy and Physiology I
VCCS Equivalency: BIO 141, 231 or NAS 161
*BIOL 103: Bacteriology/Microbiology
VCCS Equivalency: BIO 150, 205 or NAS 185

SPRING SEMESTER (17 credits)
General Education Coursework: ENGL 111
VCCS Equivalency: *ENGL 211C: English Composition II
Information Literacy
*MATH 102M: College Algebra
VCCS Equivalency: *CHEM 107N/108N: Intro to Organic Chem or CHEM 123N/124N: General Chemistry II
Information Literacy
*CHEM 121N/122N: General Chemistry I
VCCS Equivalency: CHM 101 or 121 or 111
*CHEM 123N/124N: General Chemistry II
VCCS Equivalency: CHM 102 or 122 or 112
*BIOL 250: Anatomy and Physiology I
VCCS Equivalency: BIO 141, 231 or NAS 161
*BIOL 103: Bacteriology/Microbiology
VCCS Equivalency: BIO 150, 205 or NAS 185
Language and Culture II (May be waived, see catalog for details)
*BIOL 103: Bacteriology/Microbiology
VCCS Equivalency: BIO 150, 205 or NAS 185
Language and Culture II (May be waived, see catalog for details)

YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (14 credits)
General Education Coursework: *BIO 121N/122N: General Biology I
VCCS Equivalency: BIO 101
Human Creativity
*CHEM 105N/106N: Intro to Chemistry or CHEM 121N/122N: General Chemistry I
VCCS Equivalency: CHM 101 or 121 or 111
Human Creativity
*CHEM 123N/124N: General Chemistry II
VCCS Equivalency: CHM 102 or 122 or 112
*BIOL 103: Bacteriology/Microbiology
VCCS Equivalency: BIO 150, 205 or NAS 185

SPRING SEMESTER (16 credits)
General Education Coursework: *BIO 121N/122N: General Biology I
VCCS Equivalency: BIO 101
Human Creativity
*CHEM 105N/106N: Intro to Chemistry or CHEM 121N/122N: General Chemistry I
VCCS Equivalency: CHM 101 or 121 or 111
Human Creativity
*CHEM 123N/124N: General Chemistry II
VCCS Equivalency: CHM 102 or 122 or 112
*BIOL 103: Bacteriology/Microbiology
VCCS Equivalency: BIO 150, 205 or NAS 185

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

YEAR 3 - JUNIOR (33 CREDITS)

FALL SEMESTER (14 credits)
Major Coursework: CYTO 424W Cyto Prep Techniques
VCCS Equivalency: CYTO 455 Fine Needle Aspiration
CYTO 424W Cyto Prep Techniques
VCCS Equivalency: CYTO 455 Fine Needle Aspiration
CYTO 444 Genitourinary Cyto
VCCS Equivalency: CYTO 444 Genitourinary Cyto
CYTO 445 Breast Cyto
VCCS Equivalency: CYTO 445 Breast Cyto
CYTO 446 Body Fluid Cyto
VCCS Equivalency: CYTO 446 Body Fluid Cyto
CYTO 448 Non-Epithelial Cyto
VCCS Equivalency: CYTO 448 Non-Epithelial Cyto
CYTO 465 Cyto Internship II
VCCS Equivalency: CYTO 465 Cyto Internship II

SPRING SEMESTER (19 credits)
Major Coursework: CYTO 424W Cyto Prep Techniques
VCCS Equivalency: CYTO 455 Fine Needle Aspiration
CYTO 424W Cyto Prep Techniques
VCCS Equivalency: CYTO 455 Fine Needle Aspiration
CYTO 444 Genitourinary Cyto
VCCS Equivalency: CYTO 444 Genitourinary Cyto
CYTO 445 Breast Cyto
VCCS Equivalency: CYTO 445 Breast Cyto
CYTO 446 Body Fluid Cyto
VCCS Equivalency: CYTO 446 Body Fluid Cyto
CYTO 448 Non-Epithelial Cyto
VCCS Equivalency: CYTO 448 Non-Epithelial Cyto
CYTO 465 Cyto Internship II
VCCS Equivalency: CYTO 465 Cyto Internship II

SUMMER SEMESTER (6 credits)
Major Coursework: CYTO 424W Cyto Prep Techniques
VCCS Equivalency: CYTO 455 Fine Needle Aspiration
CYTO 424W Cyto Prep Techniques
VCCS Equivalency: CYTO 455 Fine Needle Aspiration
CYTO 444 Genitourinary Cyto
VCCS Equivalency: CYTO 444 Genitourinary Cyto
CYTO 445 Breast Cyto
VCCS Equivalency: CYTO 445 Breast Cyto
CYTO 446 Body Fluid Cyto
VCCS Equivalency: CYTO 446 Body Fluid Cyto
CYTO 448 Non-Epithelial Cyto
VCCS Equivalency: CYTO 448 Non-Epithelial Cyto
CYTO 465 Cyto Internship II
VCCS Equivalency: CYTO 465 Cyto Internship II

YEAR 4 - SENIOR (15 CREDITS)

FALL SEMESTER (15 credits)
Major Coursework: CYTO 444 Genitourinary Cyto
VCCS Equivalency: CYTO 444 Genitourinary Cyto
CYTO 445 Breast Cyto
VCCS Equivalency: CYTO 445 Breast Cyto
CYTO 446 Body Fluid Cyto
VCCS Equivalency: CYTO 446 Body Fluid Cyto
CYTO 448 Non-Epithelial Cyto
VCCS Equivalency: CYTO 448 Non-Epithelial Cyto
CYTO 465 Cyto Internship II
VCCS Equivalency: CYTO 465 Cyto Internship II

DECEMBER GRADUATION - Eligible for National Boards, Employable by January

* Program requirement, must be completed with a C or better; C- is not acceptable.
PROGRAM ADMISSIONS REQUIREMENTS: Students must complete the following courses prior to entering the Cytotechnology Program: MATH 102M or 103M, BIOL 121N/122N & 123N/124N, BIOL 250 & 251, BIOL 103, CHEM 105N/106N, CHEM 107N/108N.
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.