

## 2018 - 2019 Old Dominion University Catalog

### Bachelor of Science in Health Sciences Cytotechnology Major

*Sample four year curriculum with a suggested ordering of courses based on placement into MATH 102M AND the completion of Language and Culture in High School. Students may re-order as needed.*

#### YEAR 1 - FRESHMAN (28 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (14 credits)	
<u>General Education &amp; Major Coursework:</u>	<u>Credit Hours:</u>	<u>General Education &amp; Major Coursework:</u>	<u>Credit Hours:</u>
ENGL 110C English Composition I	3	ENGL 211C, 221C or 231C English Comp II	3
*CHEM 105N/106N: Intro to Chemistry	4	*CHEM 107N/108N: Intro to Organic Chemistry	4
*BIOL 121N/122N General Biology I	4	*BIOL 123N/124N General Biology II	4
*MATH 102M/103M College Algebra	3	Information Literacy and Research (or other Gen Ed)	3

#### YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (13 credits)	
<u>General Education &amp; Major Coursework:</u>	<u>Credit Hours:</u>	<u>General Education &amp; Major Coursework:</u>	<u>Credit Hours:</u>
*BIOL 250 Human A&P I or		*BIOL 251 Human A&P II or	
BIOL 240 Fundamentals of A&P I	4	BIOL 241 Fundamentals of A&P II	4
*BIOL 103 Basic Bacteriology	4	Interpreting the Past (or other Gen Ed)	3
Literature (or other Gen Ed)	3	Impact of Technology/Option D (Satisfied by 300-400 level T course)	3
Human Creativity (or other Gen Ed)	3	Philosophy/Option D (Satisfied by 300-400 level Philosophy course)	3
Human Behavior (or other Gen Ed)	3		

**Application Deadline is February 1st!**

#### YEAR 3 - JUNIOR (49 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (18 credits)	
<u>Major Coursework:</u>	<u>Credit Hours</u>	<u>Major Coursework:</u>	<u>Credit Hours</u>
CHP 450 Community Health Administration	3	CYTO 403 Gynecological Screening Lab	3
CYTO 404 General Pathology	3	CYTO 405 Normal Gynecological	3
*CYTO 428W Cytopreparatory Techniques and Procedures	3	CYTO 407 Clinical Histology	3
MDTS 400 Principles of Molecular Pathology and Clinical Diagnostics	3	CYTO 415 Abnormal Gynecological Cyto	4
MDTS 401 Molecular Pathology/Clinical Diagnostics Lab	3	CYTO 442 Gastrointestinal Cyto	2
		CYTO 458 Cytology Internship I	3

#### SUMMER SEMESTER (16 credits)

<u>Major Coursework:</u>	<u>Credit Hours</u>
CYTO 424 Respiratory Cyto	3
CYTO 444 Genitourinary Cyto	2
CYTO 445 Breast Cyto	3
CYTO 446 Body Fluid Cyto	2
CYTO 448 Non-Epithelial Cyto	2
CYTO 468 Cyto Internship II	4

#### YEAR 4 - SENIOR YEAR (15 CREDITS)

##### FALL SEMESTER (15 credits)

<u>Major Coursework:</u>	<u>Credit Hours</u>
CYTO 455 Fine Needle Aspiration	6
CYTO 478 Cyto Internship III	8
CYTO 497 Senior Seminar	1

**DECEMBER GRADUATION - Eligible for National Boards, Employable by January**

#### MATH/SCIENCE PLACEMENT INFORMATION:

MATH 102M requires Math SAT of 460 (OLD)/500 (NEW) or better or ACT of 24 or better; students who do not meet this criteria must enroll in MATH 103M

BIOL 121N requires placement into ENGL 110C (score of 3 on WSPT) or credit for ENGL 110C and score of 460(OLD)/500(NEW) or higher on MATH SAT or score of 24 or higher on MATH ACT or credit for MATH 102M or 103M.

**\*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.

**NOTE:** 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.