

2016 - 2017 Old Dominion University Catalog

Bachelor of Science in Health Sciences (Cytotechnology Track)

Sample four year curriculum with a suggested ordering of courses based on placement into MATH 102M. Students may re-order as needed.

YEAR 1 - FRESHMAN (28 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (14 credits)	
General Education & Major Coursework:	Credit Hours:	General Education & Major Coursework:	Credit Hours:
*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 College Algebra	3	Information Literacy and Research (or other Gen Ed)	3

YEAR 2 - SOPHOMORE (29 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (14 credits)	
General Education & Major Coursework:	Credit Hours:	General Education & Major Coursework:	Credit Hours:
**BIOL 250 Anatomy & Physiology I	4	**BIOL 251 Anatomy & Physiology II	4
Literature (or other Gen Ed)	3	**BIOL 103 Basic Bacteriology	4
Human Creativity (or other Gen Ed)	3	Interpreting the Past (or other Gen Ed)	3
Impact of Technology/Option D (Satisfied by 300-400 level T course)	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 (50 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (19 credits)	
Major Coursework:	Credit Hours	Major Coursework:	Credit Hours
CHP 450 Community Health Administration	3	CYTO 403 Gynecological Screening Lab	3
CYTO 428W Cytopreparatory Techniques and Procedures	3	CYTO 407 Clinical Histology	3
MDTS 401 Molecular Pathology/Clinical Diagnostics Lab	3	CYTO 405 Normal Gynecological	3
CYTO 404 General Pathology	3	CYTO 415 Abnormal Gynecological Cyto	4
MDTS 400 Principles of Molecular Pathology and Clinical Diagnostics	3	CYTO 442 Gastrointestinal Cyto	2
		CYTO 458 Cytology Internship I	4

SUMMER SEMESTER (16 credits)

Major Coursework:	Credit Hours
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 (15 CREDITS)

FALL SEMESTER (15 credits)	
Major Coursework:	Credit Hours
CYTO 455 Fine Needle Aspiration	5
CYTO 478 Cyto Internship III	8
CYTO 497 Senior Seminar	2

DECEMBER GRADUATION - Eligible for National Boards, Employable by January

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

**Suggested biology/chemistry courses to meet the requirement for Cytotechnology

***BIOL 121N prerequisite requirement: placement into ENGL 110C (score of 3 on WSPT) or credit for ENGL 110C **and** score of 460 or higher on MATH SAT or score of 24 or higher on MATH ACT or credit for MATH 102M or 103M. Students who do not meet MATH placement requirement must complete MATH 103M: College Algebra with Supplemental Instruction

****Placement into MATH 102M requires SAT score of 460 or higher or ACT score of 24 or higher. Students who do not place directly into MATH 102M must enroll in MATH 103M: College Algebra with Supplemental Instruction.

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: 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 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.