Bachelor of Science in Health Sciences

Cytotechnology Track

Old Dominion University

2011-2012 Catalog

with VCCS equivalencies

(*) indicates not automatically waived with transferrable associates degree, C or better required for transfer

Writing Sample Placement Test: _____________________________________________

Students must have an associate degree in a health-related area or license or certification to practice in a health-related area to be eligible for admission to the B.S.H.S. program. Eligibility must be documented with the separate admissions form to the B.S.H.S. program.

LOWER DIVISION GENERAL EDUCATION

A. Skills

Written Communication
ENGL 110C ___________________________________________ 3 (ENG 111)
ENGL 211C ___________________________________________ 3 (ENG 112 or 210)

Oral Communication (met in the major by CYTO 424 & 497)

Mathematics
MATH 102M* ___________________________________________ 3 (MTH 158)

Language and Culture

Information Literacy and Research (HLTH 120G preferred) ___________________________________________ 3 (See transfer guide)

B. Ways of Knowing

Human Creativity
ARTH 121A, ARTS 122A, MUSC 264A, DANC 185A, THEA 241A, COMM/THEA 270A

Interpreting the Past
HIST 100H, 101H, 102H, 103H, 104H, or 105H

Literature
ENGL 112L, 114L, or FLET 100L

Philosophy and Ethics
(PHIL 345E recommended)

The Nature of Science
BIOL 115N-116N*, CHEM 105N/106N*, CHEM107N/108N *

Human Behavior

Impact of Technology
(HIST 304T preferred but any T course outside the College of Health Sciences accepted)

Departmental Requirements

BIOL 250-251 Human Anatomy and Physiology I and II* ___________________________________________ 8 (BIO 141, 231)*
BIOL 103 or 315 or 426 Bacteriology/Microbiology/Histology* ___________________________________________ 4.5 (BIO 150, 205, NAS 185)

Health Sciences Core (nine hours):
CHP 415W or MEDT 403W

CHP 450

DNTH 415 or NMED 300

Students must complete the following courses prior to entering the cytotechnology program:
BIOL 115N-116N, 250-251, 103; CHEM 105N/106N, 107N-108N; and the nine hours from the health sciences core courses.

Major Course Requirements

First Semester
CYTO 407 Clinical Histology (strongly recommended) ___________________________________________ 3
CYTO 428 Cytopreparatory Techniques and Processes ___________________________________________ 2

Second Semester
CYTO 403 Gynecological Screening Lab ___________________________________________ 3
CYTO 404 General Pathology ___________________________________________ 3
CYTO 405 Normal Gynecological Cytology ___________________________________________ 3
CYTO 415 Abnormal Gynecological Cytology ___________________________________________ 4
CYTO 458 Cytology Internship I ___________________________________________ 4
### Third Semester

<table>
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<th>Course</th>
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<tr>
<td>CYTO 424 Respiratory Cytology</td>
<td>3</td>
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<tr>
<td>CYTO 442 Gastro-Intestinal Cytology</td>
<td>2</td>
</tr>
<tr>
<td>CYTO 444 Genitourinary Cytology</td>
<td>2</td>
</tr>
<tr>
<td>CYTO 445 Breast Cytology</td>
<td>3</td>
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<tr>
<td>CYTO 446 Body Fluids Cytology</td>
<td>2</td>
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<td>CYTO 468 Cytology Internship II</td>
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### Fourth Semester

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<tr>
<td>CYTO 448 Non-Epithelial Cytology</td>
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<td>CYTO 455 Fine Needle Aspiration</td>
<td>5</td>
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<td>CYTO 478 Cytology Internship III</td>
<td>8</td>
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<td>CYTO 497 Cytology Senior Seminar</td>
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### UPPER DIVISION GENERAL EDUCATION

- Option A. Approved Disciplinary Minor (a minimum of 12 hours determined by the department), or second degree or second major
- Option B. Interdisciplinary Minor (specifically 12 hours, 3 of which may be in the major)
- Option C. International Business and Regional Courses or an approved Certification Program such as teaching licensure
- Option D. Two Upper-Division Courses from outside the College of Health Sciences and not required by the major (6 hours)

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, minimum 120 credit hours, passage of the Exit Examination of Writing Proficiency, and completion of Senior Assessment.