

## 2015 - 2016 Old Dominion University Catalog

### Bachelor of Science in Health Sciences with a Concentration in Public Health

*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.*

#### YEAR 1 - FRESHMAN (32 CREDITS)

##### FALL SEMESTER (16 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
*ENGL 110C: English Composition I	ENG 111
*MATH 162M: Precalculus	MTH 163
*BIOL 121N/122N: General Biology I Information Literacy and Research	BIO 101
	<a href="#">Transfer Guide</a>
Language and Culture I (May be waived, see catalog for details)	<a href="#">Transfer Guide</a>

##### SPRING SEMESTER (16 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
*ENGL 211C: English Composition II	<a href="#">Transfer Guide</a>
*STAT 130M: Statistics	MTH 146, 157, 240, 241 or 242
*BIOL 123N/124N: General Biology II	BIO 102
*Human Behavior (PSYC 201S or 203s or SOC 201S recommended; will also count toward Scientific Foundations Courses**)	<a href="#">Transfer Guide</a>
Language and Culture II (May be waived, see catalog for details)	<a href="#">Transfer Guide</a>

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

##### FALL SEMESTER (14-16 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
Human Creativity	<a href="#">Transfer Guide</a>
Interpreting the Past	<a href="#">Transfer Guide</a>
Scientific Foundations Course**	<a href="#">Transfer Guide</a>
Scientific Foundations Course**	<a href="#">Transfer Guide</a>
Scientific Foundations Course**	<a href="#">Transfer Guide</a>

##### SPRING SEMESTER (14-16 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
Literature	<a href="#">Transfer Guide</a>
Philosophy and Ethics (Can be satisfied in the major with CHP 400)	<a href="#">Transfer Guide</a>
Oral Communication (Can be satisfied in the major with CHP 400, 450 and 415 or 430W)	<a href="#">Transfer Guide</a>
Scientific Foundations Course**	<a href="#">Transfer Guide</a>
Scientific Foundations Course**	<a href="#">Transfer Guide</a>

#### YEAR 3 - JUNIOR (33 CREDITS)

##### FALL SEMESTER (15 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHP 200 Introduction to Public Health	
Scientific Foundations Course**	<a href="#">Transfer Guide</a>
Scientific Foundations Course**	<a href="#">Transfer Guide</a>
Scientific Foundations Course**	<a href="#">Transfer Guide</a>
Scientific Foundations Course**	<a href="#">Transfer Guide</a>

##### SPRING SEMESTER (15 credits)

**Application Deadline is February 1st!**

<u>Major Coursework:</u>	<u>No VCCS Equivalency</u>
Scientific Foundations Course**	<a href="#">Transfer Guide</a>
Scientific Foundations Course**	<a href="#">Transfer Guide</a>
Impact of Technology (Can be satisfied in the major with CHP 485)	
Option D (300/400 level course outside the College of Health Sciences)	
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##### SUMMER SEMESTER (3 credits)

CHP 367: Internship for Public Health

#### YEAR 4 - SENIOR (27 CREDITS)

##### FALL SEMESTER (15 credits)

<u>Major Coursework:</u>	<u>No VCCS Equivalency:</u>
ENVH 301W Environmental Health (Fall only)	
CHP 450 Public and Community Health Administration (or other required major course)	
CHP 465 Policy and Politics of Health (or other required major course)	
***Major Elective	
***Major Elective	

##### SPRING SEMESTER (12-15 credits)

<u>Major Coursework:</u>	<u>No VCCS Equivalency</u>
ENVH 448 Epidemiology and Biostatistics (Spring Only)	
CHP 445 Health Sciences Research (or other required major course)	
CHP 461 Managerial Epidemiology (or other required major course)	
CHP 360 Introduction to Global Health (or other required major course)	
Elective (If needed for 120 credits)	

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

\*\*Students must choose 36 hours out of Scientific Foundations course options are listed below

\*\*\*Choose two major electives (6 credits): CHP 318, 400, 415W, 420, 430W, 480, NMED 300, ENVH 420 or CHP 485

PROGRAM ADMISSIONS REQUIREMENTS: Students must complete ENGL 110C, MATH 162M, STAT 130M, BIOL 121N/122N, BIOL 123N/124N, CHP 200, and a minimum of 18 credit hours from the Scientific Foundations Courses with grades of C or better to apply to the Public Health Concentration. Courses may be in progress at the time of application but must be completed before the program begins in the fall semester. The application deadline is February 1st for fall admission.

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.

### SCIENTIFIC FOUNDATIONS Course Options

36 credit hours must be selected from the courses listed below.

Course Number	Title	VCCS Equivalent	Credit Hour
BIOL 103	Basic Bacteriology	BIO 150 or 250	4
BIOL 250	Human Anatomy and Physiology I	BIO 141, 231 or NAS 161	4
BIOL 251	Human Anatomy and Physiology II	BIO 142, 232 or NAS 162	4
BIOL 293	Cell Biology	BIO 206	3
BIOL 303	Genetics	No Equivalent	3
BIOL 315	General Microbiology	No Equivalent	5
CHEM 121N	Foundations of Chemistry I Lecture	CHM 111	3
& CHEM 122N	and Foundations of Chemistry I Laboratory		1
CHEM 123N	Foundations of Chemistry II Lecture	CHM 112	3
& CHEM 124N	and Foundations of Chemistry II Laboratory		1
CHEM 211	Organic Chemistry Lecture	CHM 241	3
& CHEM 212	and Organic Chemistry Laboratory	CHM 243 or 245	2
CHEM 213	Organic Chemistry Lecture	CHM 242	3
& CHEM 214	and Organic Chemistry Laboratory	CHM 244 or 246	2
CHEM 441	Biochemistry Lecture	No Equivalent	3
PHYS 111N	Introductory General Physics	PHY 111	4
or PHYS 101N	Conceptual Physics	PHY 101	4
PHYS 112N	Introductory General Physics	PHY 112	4
or PHYS 102N	Conceptual Physics	PHY 102	4
MATH 163	Precalculus II	MTH 164	3
MATH 211	Calculus I	MTH 173 or 273	4
& MATH 212	and Calculus II	MTH 174 or 274	4
or MATH 200	Calculus for Business and Economics	MTH 270 or 271	3
MATH 212	Calculus II	MTH 174 or 274	4
MEDT 307	Clinical Methods in Microbiology	No Equivalent	3
& MEDT 308	and Clinical Microbiology	No Equivalent	2
CYTO 404	General Pathology	No Equivalent	3
CYTO 407	Clinical Histology	No Equivalent	3
MEDT 310	Urinalysis and Body Fluids	No Equivalent	1
& MEDT 313	and Diagnostic Methods in Urinalysis	No Equivalent	1
MEDT 339	Medical Parasitology and Mycology Laboratory	No Equivalent	1
& MEDT 340	and Medical Parasitology, Mycology, and Virology	No Equivalent	1
PHYS 231N	University Physics	PHY 231, 241	4
PHYS 232N	University Physics	PHY 232, 242	4
PSYC 203S	Lifespan Development	PSY 230, 231, 232, or 235	3
PSYC 201S	Introduction to Psychology OR Intro to Sociology	PSY200, 201, 202	3
or SOC 201S		SOC 200, 201, 202	3