

3 + 4 Dual; Bachelor of Science in Public Health (B.S. in Public Health/D.O.): Course Catalog

Dr. Kiran C. Patel College
of Osteopathic Medicine
NOVA SOUTHEASTERN UNIVERSITY



<i>Year</i>	<i>Semester</i>	<i>Course Number</i>	<i>Course</i>	<i>Credits</i>	<i>Prerequisite:</i>	<i>Frequency</i>
Year 1	fall	BPH 1010	Foundations of Public Health	3	None	Every fall, winter, and summer
		Univ 1000	First Year Experience	3	None	
		MATH 1250	Trigonometry	3	Challenge examination or MATH 1200	
		BIOL 1500	Biology 1/Lab	4	MATH 1040 or higher and COMP 1000 or higher	
		CHEM 1300	Chemistry 1/Lab	4	MATH 1200	
			Total Semester Credits:	17		
Year 1	winter	BPH 1020	Principles of Health Behavior	3	None	Every fall and winter
		BPH 2050	Community Health	3	None	Every fall and winter
		BIOL 1510	Biology 2/lab	4	BIOL 1500	
		CHEM 1310	General Chemistry 2/Lab	4	CHEM 1300 or CHEM 1300H	
		COMP 1500	College Writing	3	SAT Verbal score of 520, ACT English score of 22, a TOEFL score of 650 (paper) or 280 (computer), a passing Writing Challenge Exam, or COMP 1000	
			Total Semester Credits:	17		
Year 1	summer	CHEM 2400	Organic Chemistry 1/Lab	4	CHEM 1310 or CHEM 1310H	
			Total Semester Credits:	4		

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Year 2	fall	BPH 2022	Public Health Biology	3	BPH 1010 Foundations of Public Health	Every fall and winter
		BPH 2030	Public Health Seminar	3	None	Every fall and winter
		PHYS 2350	Physics 1	4	MATH 1250 or MATH 2100 or MATH 2100H	
		CHEM 2410	Organic Chemistry 2/Lab	4	CHEM 2400 or CHEM 2400H	
		A&H	Open Arts & Humanities	3		
			Total Semester Credits:	17		
Year 2	winter	BPH 3020	Public Health Leadership and Management	3	BPH 1010 - Foundations of Public Health BPH 2022 - Public Health Biology BPH 2030 - Public Health Seminar BPH 2040 - Health Communication	Every fall and winter
		BPH 4980 PHIL 3180	Ethical Issues in Public Health Biomedical Ethics	3	BPH 4020 COMP 2000, COMP 2010, COMP 2020, COMP 2000H	
		BPH 2040	Health Communication	3	BPH 1010 Foundations of Public Health BPH 1020 Principles of Health Behavior COMP 1500 College Writing	Every fall and winter
		PHYS 2360	Physics 2	4	PHYS 2350 and Either MATH 1250, MATH 2100, or MATH 2100H	
		CHEM 3650	Biochemistry	4	BIOL 1500 and CHEM 2200, CHEM 2410, or CHEM 2410H	
			Total Semester Credits:	17		

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Year	Semester	Course Number	Course	Credits	Prerequisite:	Frequency
Year 3	fall	BPH 3010	Concepts in Epidemiology	3	BPH 1010 Foundations of Public Health Math 2020 Applied Statistics	Every fall and winter
		or 3010(H)	Concepts in Epidemiology		None	Every fall
		BPH 4020	Policies, Systems, and Environment of Healthcare	3	BPH 1010 Foundations of Public Health; BPH 1020 Principles of Health Behavior	Every fall and winter
		BPH 4950	Essentials of Public Health Planning	3	BPH 1010 Foundations of Public Health BPH 1020 Principles of Health Behavior	Every fall and winter
		SOCL 1020	Introduction to Sociology	3	N/A	
		PSYCH 1020	Introduction to Psychology	3	N/A	
		COMP 2000	Advanced College Writing	3	CRJU 1100	
			Take MCAT	N/A	N/A	
			Total Semester Credits:	18		
Year 3	winter	BPH 3030	Introduction to Global Health	3	BPH 1010 Foundations of Public Health BPH 3010 Foundations of Epidemiology	Every fall and winter
		BPH 4951	Community-based Health Project	3	BPH 1010 Foundations of Public Health BPH 1020 Principles of Health Behavior BPH 2050 Community Health BPH 4950 Essentials of Public Health Planning	Every fall and winter
		BPH 4910	Environmental and Occupational Health	3	BPH 1010 Foundations of Public Health BPH 3010 Foundations of Epidemiology	Every fall and winter
		MATH 2100	Calculus 1	4	Challenge examination or MATH 1250	
		MATH 2020	Applied Statistics	3	MATH 1040 or higher	
			Total Semester Credits:	16		
*Shaded cells represent BSPH courses						

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Year	Semester	Course Number	Course	Credits	Prerequisite:	Frequency
KPCOM Curriculum Year 1						
Year 4	fall					
		COM 5171	IGC Preceptorship I	1		
		COM 5020	Medical Histology	3.5		
		COM 5010	Gross Anatomy	6.5		
		COM 5064	Medical Physiology	4.5		
		COM 5830	Physical Diagnosis I	1.5		
		COM 5121	Osteopathic Principles and Practice I	3.5		
		COM 5080	Healthcare Provider BLS and First Aid	1		
		COM 5030	Medical Microbiology	2.5		
		COM 5021	Medical Biochemistry	3.5		
			Total Semester Credits:	27.5		
Year 4	winter					
		COM 5172	IGC Preceptorship II	1		
		COM 5840	Physical Diagnosis II	4.5		
		COM 5122	Osteopathic Principles and Practice II	1.5		
		COM 5081	Fundamentals of Pathology	1.5		
		COM 5082	Fundamentals of Pharmacology	2		
		COM 5083	Principles of Radiology	2		
		COM 5850	Medical Immunology	2		
		COM 5851	Integumentary System	2.5		
		COM 5855	Hematopoietic and Lymphoreticular System	2.5		
		COM 5425	Medical Procedures I	1		
		COM 5860	Respiratory System	4		
		COM 5005	Basics of Nutrition	1		
		COM 5000	Student Wellness	1		
			Total Semester Credits:	26.5		
<p>Note: 4th year courses in the shaded boxed area denote courses that are aligned with B.S. in Public Health major elective courses and thus account for a 4th year B.S. in Public Health curriculum; credits for these public health courses are applied to the minimum 120 credit hours for the conferral of an undergraduate degree.</p> <p>NOTE - courses will be submitted to the curriculum committee for approval in March 2020</p>						
			Total Semester Credits (yrs 1-3)	106		
			Total BPH (COM) Credits (yr 4)	18		