

Description of the Tracks for the Bachelor of Science in the Public Health Sciences Major

	SOCIAL SCIENCE TRACK	SCIENCE TRACK
I. MATH and STATISTICS COURSES	<p>At least 6 credits required</p> <p>1. Minimum of MATH 121 - Linear Methods & Probability Business Applications (or higher).</p> <p>2. One statistics course from the following: PSYCH 240 - Statistics in Psych (Psych Majors only) RES-ECON 211 - Intro Stats for the Life Sciences RES-ECON 212 - Intro Stats for the Social Sciences SOCIOL 212 - Elem Statistics (Sociology majors only) STATISTC 111 - Elementary Statistics STATISTC 240 – Intro to Statistics</p>	<p>At least 9 credits required</p> <p>1. MATH 127 & 128 - Calculus for Social Sciences I and II or MATH 131 & 132 Calculus I and II</p> <p>2. One statistics course from the following: PSYCH 240 - Statistics in Psychology (Psych Majors only) RES-ECON 211 – Intro Stats for the Life Sciences RES-ECON 212 - Intro Stats for the Social Sciences SOCIOL 212 - Elem Statistics (Sociology majors only) STATISTC 111 - Elementary Statistics STATISTC 240 – Intro to Statistics</p>
II. FOUNDATION COURSES (continues to next page)	<p>At least 15 credits required from sections 1 and 2 with at least 9 credits at 200 level or higher (bolded below in both sections)</p> <p>1. At least two courses from the following or equivalent course: BIOLOGY 102 - Introductory Animal Biology BIOLOGY 106 - Human Biology BIOCHEM 100 - My DNA CHEM 101 - General Chem for NON-science majors KIN 100 - Intro to Kinesiology KIN 110 - Human Performance and Nutrition MICROBIO 310- General Microbiology NUTRITN 130 - Nutrition for a Healthy Lifestyle PLSOILIN 126 - Insects and Human Society PLSOILIN 185 - Sustainable Living PLSOILIN 326 - Insect Biology PLSOILIN 342 - Pesticides, Pub. Pol. & the Environment</p>	<p>At least 15 credits required (all courses are 4 credits and have labs attached)</p> <p>Two (2) of the following three course sequences or equivalent courses approved by the student's academic advisor:</p> <p>CHEM 111 - General Chemistry I CHEM 112 - General Chemistry II</p> <p>KIN 270 & 271 - Anatomy and Physiology I with lab KIN 272 & 273 - Anatomy and Physiology II with lab</p> <p>PHYSICS 131 - Intro to Physics I with lab PHYSICS 132 - Intro to Physics II with lab</p> <p><i>Please note that KIN 270 & 272 were previously KIN 170 and 172.</i></p>

<p>II. FOUNDATION COURSES (continued)</p>	<p>2. At least three (3) courses from the following or equivalent courses approved by the student's academic advisor:</p> <ul style="list-style-type: none"> ANTHRO 104 - Culture, Society and People ECON 103 - Intro to Microeconomics ECON 104 - Intro to Macroeconomics ECON 105 - Intro to Political Economy PHIL 170 - Problems in Social Thought POLISCI 181 - Controversies in Public Policy POLISCI 220 - Public Administration POLISCI 252 - Globaliz, Governance and World Order POLISCI 253 - Intntl Environmental Politics & Policy PSYCH 100 - Introductory Psychology PSYCH 305 - Educational Psychology PSYCH 350 - Child Psychology PSYCH 360 - Social Psychology PSYCH 380 - Abnormal Psychology SOCIOL 103 - Social Problems SOCIOL 106 - Race, Sex, and Social Class 	
<p>III. PUBLIC HEALTH COURSES</p>	<p>At least 24 credits required: 15 from category 1, and 9 from category 2, Independent Study or Internships:</p> <p>1. The following courses are required:</p> <ol style="list-style-type: none"> 1. PUBHLTH 129 - Healthcare for All 2. PUBHLTH 160 - My Body My Health* 3. PUBHLTH 320 (<i>Jr. Year Writing</i>) - Principles of Public Health Practice 4. PUBHLTH 324 – Epidemiology in Public Health 5. PUBHLTH 490B (Capstone Course for Seniors only, offered only in the spring). <p>2. An additional 9 credits of Public Health electives:</p> <p>6. Take 1 500-level PUBHLTH course</p> <p>7. Take 6 units of Public Health courses numbered 300-599. <i>PUBHLTH 213 & 214 count as 300 level courses.</i> Independent Study (PUBHLTH 396) and Internships (PUBHLTH 398) can fulfill this requirement but are not required. <i>No more than 9 credits total can be taken as an independent study or internship.</i></p> <p>* Only one General Education requirement can be applied to a PUBHLTH dept class to fulfill the major requirement. SPIRE automatically puts PUBHLTH 160 into this category.</p>	<p>At least 24 credits required: 15 from category 1, and 9 from category 2, Independent Study or Internships:</p> <p>1. The following courses are required:</p> <ol style="list-style-type: none"> 1. PUBHLTH 390X - Intro to Environmental Hlth Sciences (<i>or PUBHLTH 565 - Environmental Health Practices</i>) 2. PUBHLTH 320 (<i>Jr. Year Writing</i>) - Principles of Public Health Practice 3. PUBHLTH 324 - Epidemiology in Public Health 4. PUBHLTH 391B - Intro to Biostatistics (<i>or PUBHLTH 540 - Intro Biostatistics</i>) 5. PUBHLTH 490B (Capstone Course for Seniors only, offered only in the spring). <p>2. An additional 9 credits of Public Health Electives:</p> <p>6. Take 1 500-level PUBHLTH course</p> <p>7. Take 6 units of Public Health courses numbered 300-599. <i>PUBHLTH 213 & 214 count as 300 level courses.</i> Independent Study (PUBHLTH 396) and Internships (PUBHLTH 398) can fulfill this requirement but are not required. <i>No more than 9 credits total can be taken as an independent study or internship.</i></p>

IV. COLLATERAL FIELD*

* Please see separate page:

What's the Collateral Field?
For more information about this aspect of the Major

At least 18 credits required (with at least 12 credits at the 300 level or higher)

An acceptable collateral field must consist of at least 18 credits which taken together form the study of a field or area which encompasses material relevant to the study of Public Health.

Courses may be taken from departments such as: AFROAM, ANTHRO, BIOLOGY, CHEM, COMM, COMM-DIS, ECON, EDUC, ENVIRSCI, GEO-SCI, HISTORY, JOURNAL, KIN, MICROBIO, NUTRITN, POLISCI, PSYCH, SCH-MGMT, SOCIOL, etc., or any area approved by the student's academic advisor.

Note: One (1) Lower Level (below 300) Collateral course may be taken on an elected Pass/Fail grading basis. This is the only major requirement which can be fulfilled with a course which is elected Pass/Fail.

At least 18 credits required (with at least 12 credits at the 300 level or higher)

An acceptable collateral field must consist of at least 18 credits which taken together form the study of a field or area which encompasses material relevant to the study of Public Health.

Courses may be taken from departments such as: AFROAM, ANTHRO, BIOLOGY, CHEM, COMM, COMM-DIS, ECON, EDUC, ENVIRSCI, GEO-SCI, HISTORY, JOURNAL, KIN, MICROBIO, NUTRITN, POLISCI, PSYCH, SCH-MGMT, SOCIOL, etc., or any area approved by the student's academic advisor. Note: Organic Chemistry will fulfill the upper-level collateral field requirement.

Note: One (1) Lower Level (below 300) Collateral course may be taken on an elected Pass/Fail grading basis. This is the only major requirement which can be fulfilled with a course which is elected Pass/Fail.

The Collateral Field requirement for both Social Science and Science Track may be met in one of the following ways:

- a) Completion of a major in one of the above named areas (or another area approved by the student's academic advisor).
- b) Completion of a minor of at least 18 credits in any one of the above named areas (or another area approved by the student's academic advisor).
- c) Completion of at least 18 credits of coursework chosen by the student and approved by the student's academic advisor in accordance with the following rules:
 - 1. The proposal presented by the student must, in the judgment of the Department Undergraduate Program Director, satisfy the criterion of relevance to Public Health set forth in the requirement, and form a coherent set of courses (the student is responsible for presenting a convincing case for the proposed course of study);
 - 2. Courses used to satisfy other areas of the Public Health Major (such as foundation) cannot be used to satisfy this requirement. If a student takes elective PUBHLTH courses over and above those needed to fulfill that area of the Major, then those electives can be applied to the collateral field.