



UNIVERSITY *of* WASHINGTON

Michael K. Young  
President

January 29, 2014

Dean Howard Frumkin  
School of Public Health  
Box 357230

Dear Howie:

Based on the recommendation of its Subcommittee on Admissions and Programs, the Faculty Council on Academic Standards has recommended approval of the revised admission and program requirements for both the Bachelor of Arts and the Bachelor of Science degrees in Public Health. A copy of the changes is attached.

I am writing to inform you that the School of Public Health is authorized to specify these requirements beginning autumn quarter 2014.

The new requirements should be incorporated in printed statements and in individual department websites as soon as possible. The *General Catalog* website will be updated accordingly by the Registrar's Office.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Michael K. Young".

Michael K. Young  
President

Enclosure

cc: Ms. Susan Inman (with enclosure)  
Mr. Robert Corbett (with enclosure)  
Ms. Virjean Edwards (with enclosure)



UNIVERSITY OF WASHINGTON

# CREATING AND CHANGING UNDERGRADUATE ACADEMIC PROGRAMS

OFFICE USE ONLY

Control #

SPH-2430924

After college/school/campus review, send a signed original and 1 copy to the Curriculum Office/FCAS, Box 355850.

For information about when and how to use this form: <http://depts.washington.edu/uwcr/1503instructions.pdf>

College/Campus Public Health / Seattle	Department/Unit Dean's Office	Date 9/24/13
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## New Programs

- ☐ Leading to a Bachelor of \_\_\_\_\_ in \_\_\_\_\_ degree.
- ☐ Leading to a Bachelor of \_\_\_\_\_ degree with a major in \_\_\_\_\_.
- ☐ Leading to a \_\_\_\_\_ Option within the existing major in \_\_\_\_\_.
- ☐ Leading to a minor in \_\_\_\_\_.

## Changes to Existing Programs

- ☐ New Admission Requirements for the Major in \_\_\_\_\_ within the Bachelor of \_\_\_\_\_.
- ☒ Revised Admission Requirements for the Major in Public Health \_\_\_\_\_ within the Bachelor of Art/Science \_\_\_\_\_.
- ☒ Revised Program Requirements for the Major in Public Health \_\_\_\_\_ within the Bachelor of Art/Science \_\_\_\_\_.
- ☐ Revised Requirements for the Option in \_\_\_\_\_ within the major in \_\_\_\_\_.
- ☐ Revised Requirements for the Minor in \_\_\_\_\_.

## Other Changes

- ☐ Change name of program from \_\_\_\_\_ to \_\_\_\_\_.
- ☐ Change delivery method or location of program.
- ☐ New or Revised Continuation Policy for \_\_\_\_\_.
- ☐ New Honors Requirements for \_\_\_\_\_.
- ☐ Eliminate program in \_\_\_\_\_.

Proposed Effective Date: Quarter: ☒ Autumn ☐ Winter ☐ Spring ☐ Summer Year: 20 14

Contact Person: Susan Inman

Phone: 1-4440

Email: susani@uw.edu

Box: 357230

## EXPLANATION OF AND RATIONALE FOR PROPOSED CHANGE

For new program, please include any relevant supporting documentation such as student learning outcomes, projected enrollments, letters of support and departmental handouts. (Use additional pages if necessary).

See attached.

## OTHER DEPARTMENTS AFFECTED

List all departments/units/ or co-accredited programs affected by your new program or changes to your existing program and acquire the signature of the chair/director of each department/unit listed. Attach additional page(s) if necessary. \*See online instructions.

Department/Unit:	Chair/Program Director:	Date:
Department/Unit:	Chair/Program Director:	Date:

**CATALOG COPY**

Catalog Copy as currently written. Include only sections/paragraphs that would be changed if your request is approved. Please cross out or otherwise highlight any deletions.

See attached.

**PROPOSED CATALOG COPY**

Reflecting requested changes. (Include exact wording as you wish it to be shown in the printed catalog. Please underline or otherwise highlight any additions. If needed, attach a separate, expanded version of the changes that might appear in department publications).  
**Please note:** all copy will be edited to reflect uniform style in the General Catalog.

See attached.

**APPROVALS**

Chair/Program Director:

Date:

10-10-13

College/School/Campus Curriculum Committee:

Date:

10/18/13

Dean/Vice Chancellor:

Date:

10/25/13

Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:

Date:

**POST TRI-CAMPUS APPROVAL (when needed)**

Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:

Date:

## **Explanation of and rationale for proposed change**

Since moving into the School from Arts & Sciences in WIN 2012, we have been revising our goals and competencies in order to offer a program which reflects the strengths of the School of Public Health, challenges student thinking, enhances progression through the required course work, and delineates between the Bachelor of Art (BA) and Bachelor of Sciences (BS). The following changes reflect the work of faculty from across the School of Public Health in support of this school-wide degree.

1. To increase access for students, we will add a nutritional sciences course, NUTR 300, to our admission prerequisites.
2. To enhance challenge and progression, we will have four sequential five-credit courses called the Integrated Core replace our current foundation courses.
3. To strengthen the BA, we will add 20 credits of BA Selective requirements to include courses in areas of advocacy, community dynamics, communication, economics, education, ethics, health promotion, law, policy, social justice, and writing.
4. To delineate the BS and to better prepare those moving on to graduate and professional school in health sciences, we will add 10 credits (for a new total of 30-32 credits) to the BS Selective requirements.
5. To explore more in depth competency areas in public health practice, we will add 5 credits of upper-division electives.
6. To ensure students have the opportunity to synthesize their learning while engaging in service learning with a community based agency, the two-quarter integrative Public Health Capstone experience (SPH 491 + SPH 492) will replace the one quarter capstone (SPH 493).

## **Admission Requirements**

1. Admission to the major is competitive. Applicants must complete prerequisite coursework (see below) and an application to be considered. Completing the prerequisites and submitting an application do not guarantee admission.
2. Admission is offered twice a year for autumn and winter quarters. Applications for autumn are due the third Friday of spring quarter and applications for winter are due the third Friday of autumn quarter. Applications can be downloaded from the Public Health undergraduate program website at [sph.washington.edu/uph](http://sph.washington.edu/uph). (Transfer students are encouraged to apply for admission to the UW for autumn or winter quarter, following the admission process and policies found at [admit.washington.edu](http://admit.washington.edu). The application deadline for the UW for autumn quarter is February 15 and winter quarter is September 1.)
3. Applicants must complete the following by the application deadline to be considered for admission:
  - a. Minimum 45 credits.
  - b. Minimum 2.50 cumulative GPA.
  - c. Minimum 2.0 grade in one of the following: ENV H 111, G H 101, HSERV 100, PHG 200, or one 5-credit course from anthropology (ANTH only), geography, political science, psychology, or sociology (200 level or above recommended).
  - d. Minimum grade of 2.0 in one of BIOL 118, BIOL 180, CHEM 120, CHEM 142, CHEM 145, or PHYS 114/PHYS 117.
4. The program evaluates applications based on overall academic record, grades in relevant coursework, demonstrated writing ability, stated reasons for applying to the major, and ability to make satisfactory progress toward the degree.
5. Applicants are strongly encouraged to attend an information session before submitting an application.
6. Transfer students may use any transferable equivalent course(s) for prerequisite coursework. Consult the UW Equivalency Guide or a UW adviser to verify transferability of coursework.

## **Bachelor of Arts**

### **Major Requirements**

78-79 credits, as follows:

1. *Public Health Foundation (20 credits)*: minimum 2.00 cumulative GPA in ENV H 311, EPI 420, G H 101, , HSERV 480, HSERV 481, and NUTR 300.
2. *Statistics Course (4-5 credits)*: from among BIOST 310 (preferred), Q METH 201, STAT 220, STAT 221, STAT 311, or Q SCI 381
3. *Social and Behavioral Sciences (25 credits)*: One 5-credit course from each of the following departments: Anthropology (ANTH only), Geography, Political Science, Psychology, and Sociology; minimum 20 credits at the 200 level or above.
4. *Science Coursework (10 credits)*:
  - a. 5 credits biology from BIOL 118, BIOL 180, MICROM 301/MICROM 302.
  - b. 5 credits chemistry from CHEM 120, CHEM 142, CHEM 145
5. *Public Health Capstone (5 credits)*: SPH 491 and SPH 492 or SPH 493 (minimum 2.0 grade)
6. *Public Health Electives (15 credits)*: See website or adviser for approved list. Any course not on the list must be approved by the public health adviser.
7. Minimum 2.00 cumulative GPA for courses applied to the major

In addition to the major requirements shown above, students must also complete the general education requirements for the School of Public Health.

## Bachelor of Science

### Major Requirements

98-99 credits, as follows:

1. *Public Health Foundation (20 credits)*: minimum 2.00 cumulative GPA in ENV H 311, EPI 420, G H 101, , HSERV 480, HSERV 481, and NUTR 300.
2. *Statistics Course (4-5 credits)*: from among BIOST 310 (preferred), Q METH 201, STAT 220, STAT 221, STAT 311, or Q SCI 381
3. *Social and Behavioral Sciences (25 credits)*: One 5-credit course from each of the following departments: Anthropology (ANTH only), Geography, Political Science, Psychology, and Sociology; minimum 20 credits at the 200 level or above.
4. *Science Coursework (30 credits)*:
  - a. At least one year-long sequence (15 credits) of introductory science with laboratories: biology (BIOL 180, BIOL 200, BIOL 220), chemistry (CHEM 120, CHEM 220, and CHEM 221; or CHEM 142, CHEM 152, CHEM 162), or physics (PHYS 114/PHYS 117, PHYS 115/PHYS 118, PHYS 116/ PHYS 119; or PHYS 121, PHYS 122, PHYS 123).
  - b. At least 5 credits from among biology, chemistry, physics, microbiology, biological structure, neurobiology, or biochemistry B STR, NBIO, or BIOC.
  - c. At least one course each from CHEM, and BIOL or MICROM.
5. *Public Health Capstone (5 credits)*: SPH 491 and 492 or SPH 493 (minimum 2.0 grade)
6. *Public Health Electives (15 credits)*: See website or adviser for approved list. Any course not on the list must be approved by the Public Health adviser.
7. Minimum 2.00 cumulative GPA for courses applied to the major

In addition to the major requirements shown above, students must complete the general education requirements for the School of Public Health

1. Admission to the major is competitive. Applicants must complete prerequisite coursework (see below) and an application to be considered. Completing the prerequisites and submitting an application do not guarantee admission.
2. Admission is offered twice a year for autumn and winter quarters. Applications for autumn are due the third Friday of spring quarter and applications for winter are due the third Friday of autumn quarter. Applications can be downloaded from the Public Health undergraduate program website at [sph.washington.edu/uph](http://sph.washington.edu/uph). (Transfer students ~~are encouraged to apply~~ must apply for admission to the UW for autumn or winter quarter, following the admission process and policies found at [admit.washington.edu](http://admit.washington.edu). The application deadline for the UW for autumn quarter is February 15 and winter quarter is September 1.)
3. Applicants must complete the following by the application deadline to be considered for admission:
  - a. Minimum 45 college credits.
  - b. Minimum 2.50 cumulative GPA.
  - c. Minimum 2.0 grade in one ~~of the following~~: introductory public health course from the following list: ENV H 111, G H 101, HSERV 100, NUTR 300, PHG 200, or one 5-credit course from anthropology (ANTH only), geography, political science, psychology, or sociology (200 level or above recommended).
  - d. Minimum grade of 2.0 in one ~~of~~ introductory science from the following list: BIOL 118, BIOL 180, CHEM 120, CHEM 142, CHEM 145, or PHYS 114/PHYS 117.
4. The program evaluates applications based on overall academic record, grades in major relevant coursework, selection of and preparation for appropriate BA or BS option, ~~demonstrated writing ability~~ a personal statement, and ability to make satisfactory progress toward the degree.
5. Applicants are strongly encouraged to attend an information session before submitting an application.
6. Transfer students may use any transferable equivalent course(s) for prerequisite coursework. Consult the UW Equivalency Guide or a UW adviser to verify transferability of coursework.

## **Bachelor of Arts**

### **Major Requirements**

107-108 credits, as follows:

- ~~1. Public Health Foundation (20 credits): minimum 2.00 cumulative GPA in ENV H 311, EPI 420, G H 101, HSERV 480, HSERV 481, and NUTR 300.~~
- ~~1. Integrated Core (20 credits): minimum 2.00 cumulative GPA in SPH 380, SPH 381, SPH 480, SPH 481.~~
- ~~2. Statistics Course (4-5 credits): from among BIOST 310 (preferred), Q METH 201, STAT 220, STAT 221, STAT 311, or Q SCI 381~~
- ~~2. Public Health Foundation (7-8 credits): Statistics Course (4-5 credits): from among BIOST 310 (preferred), Q METH 201, STAT 220, STAT 221, STAT 311, or Q SCI 381; Epidemiology Course (3 credits): EPI 320~~
3. Social and Behavioral Sciences Breadth (25 credits): One 5-credit course from each of the following departments: Anthropology (ANTH only), Geography (GEOG), Political Science (POL S), Psychology (PSYCH), and Sociology (SOC); minimum 20 credits at the 200 level or above.
4. ~~Science Coursework-Natural Science (10 credits)~~:  
5 credits biology from BIOL 118, BIOL 180, MICROM 301/MICROM 302.  
5 credits chemistry from CHEM 120, CHEM 142, CHEM 145

5. Bachelor of Arts (BA) Selectives (20 credits): Courses identified to address competency areas in advocacy, community dynamics, communication, economics, education, ethics, health promotion, law, policy, social justice and writing. See website or adviser for approved list. Any course not on the list must be approved by the public health adviser.
6. ~~Public Health Electives (15 credits):~~ See website or adviser for approved list. Any course not on the list must be approved by the public health adviser.
6. Public Health Electives (20 credits): 300 and 400-level courses to build competency areas in public health. See website or adviser for approved list. Any course not on the list must be approved by the public health adviser.
7. ~~Public Health Capstone (5 credits):~~ SPH 491 and SPH 492 or SPH 493 (minimum 2.0 grade)
7. Public Health Capstone (5 credits): SPH 491 and SPH 492 (minimum 2.0 grade).

Minimum 2.00 cumulative GPA for courses applied to the major

In addition to the major requirements shown above, students must also complete the general education requirements for the School of Public Health.

## Bachelor of Science

### Major Requirements

107-119 credits, as follows:

1. ~~Public Health Foundation (20 credits):~~ minimum 2.00 cumulative GPA in ENV H 311, EPI 420, G H 101, , HSERV 480, HSERV 481, and NUTR 300.
1. Integrated Core (20 credits): minimum 2.00 cumulative GPA in SPH 380, SPH 381, SPH 480, SPH 481.
2. ~~Statistics Course (4-5 credits):~~ from among BIOST 310 (preferred), Q METH 201, STAT 220, STAT 221, STAT 311, or Q SCI 381
2. Public Health Foundation (7-8 credits): Statistics Course (4-5 credits): from among BIOST 310 (preferred), Q METH 201, STAT 220, STAT 221, STAT 311, or Q SCI 381; Epidemiology Course (3 credits): EPI 320
3. Social and Behavioral Sciences Breadth (25 credits): One 5-credit course from each of the following departments: Anthropology (ANTH only), Geography (GEOG), Political Science (POL S), Psychology (PSYCH), and Sociology (SOC); minimum 20 credits at the 200 level or above.
4. ~~Science Coursework Natural Science (30 credits):~~
  - a. ~~At least one year-long sequence (15 credits) of introductory science with laboratories: biology (BIOL 180, BIOL 200, BIOL 220), chemistry (CHEM 120, CHEM 220, and CHEM 221; or CHEM 142, CHEM 152, CHEM 162), or physics (PHYS 114/PHYS 117, PHYS 115/PHYS 118, PHYS 116/ PHYS 119; or PHYS 121, PHYS 122, PHYS 123).~~
  - b. ~~At least 5 credits from among biology, chemistry, physics, microbiology, biological structure, neurobiology, or biochemistry B-STR, NBIO, or BIOG.~~
  - c. ~~At least one course each from CHEM, and BIOL or MICROM.~~
4. Natural Science (10 credits):
  - 5 credits biology from BIOL 118, BIOL 180, MICROM 301/MICROM 302.
  - 5 credits chemistry from CHEM 120, CHEM 142, CHEM 145
5. Bachelor of Science (BS) Selectives (30-32 credits): Two year-long sequences of introductory science, with labs, or mathematics. Choose from biology (BIOL 180, 200, 220); chemistry (CHEM 142, 152, 162); organic chemistry (CHEM 237, 238, 239, 241, 242); physics (PHYS 114/117, 115/118, 116/119 or PHYS 121, 122, 123); or mathematics (MATH 124, 125, 126).
6. ~~Public Health Electives (15 credits):~~ See website or adviser for approved list. Any course not on the list must be approved by the public health adviser.



6. Public Health Electives (20 credits): 300 and 400-level courses to build competency areas in public health. See website or adviser for approved list. Any course not on the list must be approved by the public health adviser.
- ~~7. Public Health Capstone (5 credits): SPH 491 and SPH 492 or SPH 493 (minimum 2.0 grade)~~
7. Public Health Capstone (5 credits): SPH 491 and SPH 492 (minimum 2.0 grade).

Minimum 2.00 cumulative GPA for courses applied to the major

In addition to the major requirements shown above, students must complete the general education requirements for the School of Public Health.

1. Admission to the major is competitive. Applicants must complete prerequisite coursework (see below) and an application to be considered. Completing the prerequisites and submitting an application do not guarantee admission.
2. Admission is offered twice a year for autumn and winter quarters. Applications for autumn are due the third Friday of spring quarter and applications for winter are due the third Friday of autumn quarter. Applications can be downloaded from the Public Health undergraduate program website at [sph.washington.edu/uph](http://sph.washington.edu/uph). (Transfer students must apply for admission to the UW for autumn or winter quarter, following the admission process and policies found at [admit.washington.edu](http://admit.washington.edu). The application deadline for the UW for autumn quarter is February 15 and winter quarter is September 1.)
3. Applicants must complete the following by the application deadline to be considered for admission:
  - a. Minimum 45 college credits.
  - b. Minimum 2.50 cumulative GPA.
  - c. Minimum 2.0 grade in one introductory public health course from the following list: ENV H 111, G H 101, HSERV 100, NUTR 300, PHG 200, or one 5-credit course from anthropology (ANTH only), geography, political science, psychology, or sociology (200 level or above recommended).
  - d. Minimum grade of 2.0 in one introductory science from the following list: BIOL 118, BIOL 180, CHEM 120, CHEM 142, CHEM 145, or PHYS 114/PHYS 117.
4. The program evaluates applications based on overall academic record, grades in major relevant coursework, selection of and preparation for appropriate BA or BS option, a personal statement, and ability to make satisfactory progress toward the degree.
5. Applicants are strongly encouraged to attend an information session before submitting an application.
6. Transfer students may use any transferable equivalent course(s) for prerequisite coursework. Consult the UW Equivalency Guide or a UW adviser to verify transferability of coursework.

## **Bachelor of Arts**

### **Major Requirements**

107-108 credits, as follows:

1. Integrated Core (20 credits): minimum 2.00 cumulative GPA in SPH 380, SPH 381, SPH 480, SPH 481.
2. Public Health Foundation (7-8 credits): Statistics Course (4-5 credits): from among BIOST 310 (preferred), Q METH 201, STAT 220, STAT 221, STAT 311, or Q SCI 381; Epidemiology Course (3 credits): EPI 320
3. Social and Behavioral Sciences Breadth (25 credits): One 5-credit course from each of the following departments: Anthropology (ANTH only), Geography (GEOG), Political Science (POL S), Psychology (PSYCH), and Sociology (SOC); minimum 20 credits at the 200 level or above.
4. Natural Science (10 credits):  
5 credits biology from BIOL 118, BIOL 180, MICROM 301/MICROM 302.  
5 credits chemistry from CHEM 120, CHEM 142, CHEM 145
5. Bachelor of Arts (BA) Selectives (20 credits): Courses identified to address competency areas in advocacy, community dynamics, communication, economics, education, ethics, health promotion, law, policy, social justice and writing. See website or adviser for approved list. Any course not on the list must be approved by the public health adviser.

6. Public Health Electives (20 credits): 300 and 400-level courses to build competency areas in public health. See website or adviser for approved list. Any course not on the list must be approved by the public health adviser.
7. Public Health Capstone (5 credits): SPH 491 and SPH 492 (minimum 2.0 grade).

Minimum 2.00 cumulative GPA for courses applied to the major

In addition to the major requirements shown above, students must also complete the general education requirements for the School of Public Health.

## Bachelor of Science

### Major Requirements

~~97-119~~  
107-119 credits, as follows:

1. Integrated Core (20 credits): minimum 2.00 cumulative GPA in SPH 380, SPH 381, SPH 480, SPH 481.
2. Public Health Foundation (7-8 credits): Statistics Course (4-5 credits): from among BOST 310 (preferred), Q METH 201, STAT 220, STAT 221, STAT 311, or Q SCI 381; Epidemiology Course (3 credits): EPI 320
3. Social and Behavioral Sciences Breadth (25 credits): One 5-credit course from each of the following departments: Anthropology (ANTH only), Geography (GEOG), Political Science (POL S), Psychology (PSYCH), and Sociology (SOC); minimum 20 credits at the 200 level or above.
4. Natural Science (10 credits):  
5 credits biology from BIOL 118, BIOL 180, MICROM 301/MICROM 302.  
5 credits chemistry from CHEM 120, CHEM 142, CHEM 145
5. Bachelor of Science (BS) Selectives (30-32 credits): Two year-long sequences of introductory science, with labs, or mathematics. Choose from biology (BIOL 180, 200, 220); chemistry (CHEM 142, 152, 162); organic chemistry (CHEM 237, 238, 239, 241, 242); physics (PHYS 114/117, 115/118, 116/119 or PHYS 121, 122, 123); or mathematics (MATH 124, 125, 126).
6. Public Health Electives (20 credits): 300 and 400-level courses to build competency areas in public health. See website or adviser for approved list. Any course not on the list must be approved by the public health adviser.
7. Public Health Capstone (5 credits): SPH 491 and SPH 492 (minimum 2.0 grade)

Minimum 2.00 cumulative GPA for courses applied to the major

In addition to the major requirements shown above, students must complete the general education requirements for the School of Public Health.

## Public Health Major Bachelor of Arts Selective Requirements

**This list is a representative example of courses used to meet the BA Selectives.**

Choose 20 credits of courses at all levels offered across the University in order to build competencies in a range of areas including advocacy, community dynamics, communication, economics, education, ethics, health promotion, law, policy, social justice, and writing.

ACCTG 199 Accounting for Problem Solving (2, max. 4)  
ACCTG 215 Introduction to Accounting and Financial Reporting (5)  
ACCTG 225 Fundamentals of Managerial Accounting (5)  
ACCTG 275 Accounting and Finance Essentials (3) QSR  
AES 322/ GWSS 300 Gender, Race, and Class in Social Stratification (5) I&S  
AES 340 Race, Ethnicity, and Education (5) I&S  
AES 461/ SOC 461 Comparative Ethnic Race Relations in the Americas (5) I&S  
AES 462/ SOC 462 Comparative Race and Ethnic Relations (5) I&S  
AIS 330 United States-Indian Relations (5) I&S  
ANTH 323 Human Rights Law in Culture and Practice (5) I&S  
ANTH 416/ CHSTU 416 Comparative Social Movements: Mexico and the United States (5) I&S  
ANTH 474 Social Difference and Medical Knowledge (5) I&S  
CHID 260 Re-Thinking Diversity (5) I&S  
C LIT 210 Literature and Science (5, max. 15) VLPA  
CHID 222 BioFutures (5) I&S/NW  
CLAS 205 Bioscientific Vocabulary Building From Latin and Greek (3) VLPA  
COM 201 Introduction to Communication I (5) I&S  
COM 202 Introduction to Communication II (5) I&S/VLPA  
COM 220 Introduction to Public Speaking (5) I&S/VLPA  
COM 270 Interpersonal Communication (5) I&S/VLPA  
COM 289 Communication and Difference (5) I&S  
COM 320 Advanced Public Speaking (5) I&S/VLPA  
COM 334 Essentials of Argument (5) I&S/VLPA  
COM 359 Writing for Mass Media (5) I&S  
COM 373 Communication in Small Groups (5) I&S/VLPA  
ECON 200 Introduction to Microeconomics (5) I&S, QSR  
ECON 201 Introduction to Macroeconomics (5) I&S, QSR  
EDC&I 324 Physical Education and Health in the Schools (2)  
EDC&I 351 Teaching as a Profession (5) I&S  
EDC&I 352 Teaching to Change the World (5) I&S  
EDC&I 353 Teaching in the Elementary School (3)  
ENGL 101 Writing from Sources I (5)  
ENGL 102 Writing from Sources II (5)  
ENGL 103 Writing from Sources III (5)  
ENGL 104 Academic Listening and Speaking (5)  
ENGL 282 Composing for the Web (5)  
ENGL 364 Literature and Medicine (5) I&S/VLPA  
ENGL 478 Language and Social Policy (5) I&S/VLPA  
GENOME 261 Genomes and Society (4) NW  
GENOME 351 Human Genetics: The Individual and Society (4) NW  
GENOME 463 Hands-On Science for Elementary School Teachers (5)  
GEOG 258 Maps and GIS (5) I&S  
HCDE 100 Introduction to Human Centered Design and Engineering (5)  
HCDE 300 Foundations of Human Centered Design and Engineering (5)  
HCDE 303 Project Management and Computer Supported Collaboration and Work (5)  
HUM 411 Applications of Digital Technologies to Humanities Research (5) VLPA  
INFO 100 Fluency in Information Technology (5) QSR

INFO 101 Social Networking Technologies (5) I&S/NW  
 INFO 200 Intellectual Foundations of Informatics (5) I&S  
 INFO 320 Information Needs, Searching, and Presentation (5)  
 JSIS B 216 Science and Society (5) I&S/NW  
 JSIS B 338 Biosecurity (5) I&S *Lowe*  
 LAW 300 Introduction to Law (3-6, max. 6) I&S  
 LAW 410 Problems in Professional Responsibility (4) I&S  
 LAW 443 The Legal Process I (3/5) I&S  
 LING 234 Language and Diversity (5) I&S  
 LSJ 200 Introduction to Law, Societies, and Justice (5) I&S  
 LSJ 320 The Politics and Law of International Human Rights (5) I&S  
 LSJ 321 Human Rights Law in Culture and Practice (5) I&S  
 LSJ 329 Immigration, Citizenship, and Rights (5) I&S  
 LSJ 330 Beyond Civil Rights: Law, Culture, and Change (5) I&S  
 LSJ 331 The Politics of Race and Ethnicity in the United States (5) I&S  
 LSJ 336 The Place of Law in Multicultural Conflicts (5) I&S  
 LSJ 420 The Politics of Rights (5)  
 LSJ 425 Domesticating International Human Rights: Perspectives on U.S. Asylum and Refugee Law (5) I&S  
 MGMT 200 Introduction to Law (5) I&S  
 MGMT 275 Management Essentials (3) I&S  
 MKTG 275 Marketing Essentials (3) I&S  
 PB AF 403 Professional Leadership (4)  
 PHIL 115 Practical Reasoning (5) I&S, QSR *Lee*  
 PHIL 120 Introduction to Logic (5) I&S/NW, QSR  
 PHIL 207 Issues of Global Justice (5) I&S  
 PHIL 240 Introduction to Ethics (5) I&S/VLPA  
 PHIL 242 Introduction to Medical Ethics (5) I&S/VLPA  
 PHIL 338 Philosophy of Human Rights (5) I&S  
 PHIL 345 Moral Issues of Life and Death (5) I&S/VLPA  
 PHIL 346 Personal Values and Human Good (5) I&S  
 PHIL 407 International Justice (5) I&S  
 PHIL 408 Philosophy of Diversity (5) I&S  
 PHIL 411 Justice in Health Care (5) I&S/VLPA  
 PHIL 459 Philosophy of Medicine (5) I&S  
 SOC 270 Social Problems (5) I&S  
 SOC 321/ STAT 321/ CS&SS 321 Case-Based Social Statistics I (5) I&S, QSR  
 SOC 322/ STAT 322/ CS&SS 322 Case-Based Social Statistics II (5) I&S, QSR  
 SOC 346 Group Processes (5) I&S  
 SOC 347 National Social Movements: Current Trends and Explanations (5) I&S  
 SOC 360 Introduction to Social Stratification (5) I&S  
 SOC 362 Race Relations (5) I&S  
 SOC WF 101 Social Work in Action: Bridging the Gap From Science to Service (5) I&S  
 SOC WF 120 International Responses to Human Needs: Social Welfare Policies and Services (5)  
 SOC WF 200 Introduction to Social Welfare Practice (5) I&S  
 SOC WF 201 Advances in Prevention Science: Bridging the Gap from Science to Service (5) I&S  
 SOC WF 215 Intergroup Dialogues (3)  
 SOC WF 250 Writing for Social Welfare (2)  
 SOC320/ STAT 320/ CS&SS 320 Evaluating Social Science Evidence (5) I&S, QSR  
 VALUES 207 Issues of Global Justice (5) I&S  
 VALUES 495 Ethics in Practice (2)

## Public Health Major Elective Requirements

**This list is a representative example of courses used to meet the elective requirement.**

Choose 20 credits of 300 and 400-level courses offered from across the School of Public Health in order to build competencies in a range of areas. Prefixes include: BIOST, ENV H, EPI, G H, HIHIM, HSERV, NUTR, PABIO, PHG, SPH. The courses below have been preapproved to meet the elective requirements. Courses get reviewed every year so students are encouraged to bring courses to the attention of Public Health advisers. Current public health majors may request approval of any additional courses using the Public Health Course Substitution Form.

ANTH 322	Comparative Study of Death	5
ANTH 361	Anthropology of Food	5
ANTH 374	Narrative, Literature, and Medical Anthropology	5
ANTH 375	Comparative Systems of Healing	5
ANTH 415	Anthropology and International Health	5
ANTH 472	Case Studies in Medical Anthropology and Global Health	5
ANTH 473	Anthropology of Science and Technology	5
ANTH 474	Social Difference and Medical Knowledge	5
ANTH 475	Perspectives in Medical Anthropology	5
ANTH 476	Culture, Medicine, and the Body	5
ANTH 477	Medicine in America: Conflicts and Contradictions	3
ANTH 479	Advanced Topics in Medical Anthropology	5
ANTH 483	Africa Living with HIV/AIDS	5
ANTH 487	Cultures and Politics of Environmental Justice	5
B H 401	History of Modern Medicine	3
B H 411	Introduction to Bioethics	3
B H 417	Disease in History	3
B H 440	Philosophy of Medicine	5
B H 474	Justice in Health Care	5
B H 481	The Pursuit of Health in American Society	3
BIO A 387	Ecological Perspectives on Environmental Stress, Adaptation, and Health	5
BIO A 450	Biodemography Seminar	5
BIO A 476	Sociocultural Ecology and Health	3
BIO A 482	Human Population Genetics	5
CHID 332	Disability and Society: Introduction to Disability Studies	5
CHID 433	Disability Law, Policy, and the Community	5
CHID 434	Civil and Human Rights Law for Disabled People	5
ECON 301	Intermediate Macroeconomics	5
ENV H 440	Water, Wastewater, and Health	3
ENV H 441	Food Protection	3
ENV H 442	Zoonotic Diseases and Their Control	3
ENV H 445	Solid Waste Management	3
ENV H 446	Hazardous Waste Management	3
ENV H 448	Community Air Pollution	3
ENV H 451	Ecology of Environmentally Transmitted Microbiological Hazards	3
ENV H 452	Detection and Control of Environmentally Transmitted Microbiological Hazards	3
ENV H 472	Environmental Risk and Society	3
ENV H 473	Environmental Health Policy and Practice	3
ENVIR 379	Environmental Sociology	5
EPI 405	Phys Activity in Health and Disease	3
ESRM 371	Environmental Sociology	5
G H 401	Introduction to Global Health	1
G H 402	Contemporary Issues in Global Health	1

G H 403	Multidisciplinary Perspectives in Global Health	1
G H 415	Global Health Challenges	4
G H 511	Problems in International Health	4
G H 514	Global Population Health	3
GEOG 331	Global Poverty and Care	5
GEOG 335	Geography of the Developing World	5
GEOG 342	Geography of Inequality	5
GEOG 370	Problems in Resource Management	5
GEOG 371	World Hunger and Resource Development	5
GEOG 380	Geographical Patterns of Health and Disease	5
GEOG 381	Maps and Health	5
GEOG 430	Contemporary Development Issues in Latin America	5
GEOG 480	Environmental Geography, Climate, and Health	5
HIST 311	Science in Civilization: Antiquity to 1600	5
HSERV 482	The Health of Populations	4
HSERV 490	Undergraduate Special Topics	6
HSERV 499	Independent Study in Health Services	6
HSERV 536	Emerging Infections of International Public Health Importance	3
LSJ 376	Drugs and Society	5
LSJ 433	Disability Law, Policy, and the Community	5
LSJ 434	Civil and Human Rights Law for Disabled People	5
NURS 407	Culture, Diversity, and Nursing Practice	3
NUTR 300	Nutrition for Today	3
NUTR 302	Food Studies: Harvest to Health	3
NUTR 303	Neighborhood Nutrition	3
NUTR 405	Phys Activity in Health and Disease	3
NUTR 406	Sports Nutrition	3
NUTR 411	Topics in Advanced Nutrition	2
NUTR 446	Food Safety and Health	3
PHARM 301	Self-Care Products and Practices	2
PHG 301	Introduction to Genetic Epidemiology	3
PHIL 338	Philosophy of Human Rights	5
PHIL 459	Philosophy of Medicine	5
PSYCH 303	Personality	5
PSYCH 322	Introduction to Drugs and Behavior	3
PSYCH 345	Social Psychology	5
PSYCH 451	Health Psychology	5
SIS 470	Human Rights in Latin America	5
SOC 316	Introduction to Sociological Theory	5
SOC 330	Human Ecology	5
SOC 331	Population and Society	5
SOC 352	The Family	5
SOC 356	Society and Politics	5
SOC 360	Introduction to Social Stratification	5
SOC 364	Women in the Social Structure	5
SOC 376	Drugs and Society	5
SOC 379	Environmental Sociology	5
SPH 490	Selected Topics	3
SPH 495	PH Internship	3
SPH 497	PH Special Elective	3
SPH 499	Undergrad Research	3
UCONJ 440	Biological Aspects of Aging	3
UCONJ 490	Social Sensitivity in Health Care	3
UCONJ 497	Healthcare in a Rural Community	3



## Public Health Major

### Integrated Core Courses in Development – An Overview

#### SPH 380: HISTORY AND PRACTICE OF PUBLIC HEALTH (5 CREDITS)

**Description:** Welcome to SPH 380: History and Practice of Public Health. This course uses a historical overview of the field of public health as a framework to delve into some of the key public health issues we face today. Historic events will be used to introduce concepts and explore the development of different public health disciplines. For example, John Snow's investigation and control of London's cholera outbreak in 1854 will introduce an overview of epidemiology and public health surveillance. A discussion of Upton Sinclair's *The Jungle* will be an entry point to discussing contemporary issues in occupational and environmental health. The focus will be on public health in the United States, but examples will also be drawn from global health as well.

##### Learning Objectives:

- Introduce basic concepts of population dynamics and demographic change
- Give an overview of differences in disease trends over time, geographic distribution, racial groups
- Give an overview of potential interactions between the key determinants of human health
- Examine the interactions between health behavior, behavior change and health promotion and how these factors contribute to health and wellbeing
- Demonstrate the contrasts between individual and population health; prevention and treatment; and health and healthcare
- Compare and contrast the application of clinical research, population research, and program evaluation in public health
- Introduce how advocacy and empowerment can be used to improve community health
- Introduce how the physical and the built environment each impacts health

#### SPH 381: SCIENCE AND PUBLIC HEALTH (5 CREDITS)

**Description:** Welcome to SPH 381: Science and Public Health. During this 10-week course, students will gain some familiarity with principles of basic science relevant to 5 areas of Public Health: Infectious Disease, Chronic Disease, Genetics/Genomics, Environmental Health, and Nutrition. To emphasize and convey broad concepts, lectures in each module will address a small number of diseases or issues that exemplify key aspects of the field. Lectures will be complemented by a once a week flexible smaller group session involving discussions, outings, or activities. Assignments will be varied and include problem sets as well as written exercises that develop the student's ability to analyze, critique, and explain. Each module will end with a short exam followed by a discussion of exam answers so that students receive rapid feedback.

##### Learning Objectives:



- Describe key aspects of pathogen life cycles and pathogenesis relevant to AIDS, TB, and malaria.
- Explain key aspects of the biology of transmission, treatment, and prevention of AIDS, TB, and malaria.
- Explain, in broad terms, basic aspects of the pathophysiology of diabetes, cancer, and stroke.
- Describe key biological principles underlying current treatment and prevention of diabetes, cancer, and stroke.
- Explain selected common techniques used in studying the genetics and genomics of disease.
- Provide examples of how genetics is used for diagnosis, treatment, and prevention of disease.
- Explain how chemical properties can determine the fate of contaminants in the environment and human tissue.
- Provide examples of environmental and occupational contaminants that can cause health effects, and control strategies to prevent human exposure.
- Outline essential foods and nutrients needed to prevent disease.
- Describe how environment, nutrition and genetics contribute to health effects and disease expression.

#### **SPH 480: PUBLIC HEALTH RESEARCH METHODS (5 CREDITS)**

**Description:** Welcome to SPH 480: Public Health Research Methods. This course will introduce you to concepts fundamental to public health research and practice and offer you the opportunity to apply concepts and methods you have learned in your coursework to real public health problems. By the end of the quarter, you will have experience applying research methods such as hypothesis generation and testing, study design, data collection and analysis, searching and critically evaluating research literature, identifying strengths and weaknesses of research studies and drawing conclusions from research evidence. The case-based framework of the course will allow you to actively discover many of the strengths and challenges in public health research. The course will include a combination of lecture, case studies, discussions, quizzes, and projects.

#### **Learning Objectives:**

- Apply the scientific method and critical thinking skills to complex questions
- Use evidence-based decision-making and critical thinking to examine public health problems and potential solutions
- Identify appropriate qualitative and quantitative methods to answer public health research questions
- Compare and contrast a range of measures and tools to assess health of populations
- Discuss the strengths and weaknesses of different methods of study design
- Compare and contrast the application of clinical research, population research, and program evaluation in public health
- Critically evaluate public health research literature
- Communicate scientific arguments both orally and in writing

## **SPH 481: ETHICS, SOCIAL JUSTICE AND CONTEMPORARY ISSUES IN PUBLIC HEALTH (5 CREDITS)**

**Description:** Welcome to SPH 481: Ethics, Social Justice and Policy. This course is designed as the final in your foundation course sequence. It is intended to be an opportunity for you to integrate your prior learning experiences and start to consider how public health decisions are made from an ethically and justice perspective.

### **Learning Objectives:**

- Analyze the value system or ethics of public health
- Educate a diverse audience about the concept of social justice as it relates to health rights
- Analyze health inequities and critique strategies for addressing them
- Apply ethical frameworks to decision-making in public health
- Debate the role of legal systems including how they enable and constrain public health practice (and individual actions/behaviors?)
- Integrate principles of ethical research into public health practice
- Consider the range of influence of public health policy initiatives
- Identify the role of politics in determining delivery of public health