

Duluth Campus

Public Health B.A.Sc.

D Applied Human Sciences

College of Education and Human Service Professions

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2019
- Required credits to graduate with this degree: 120 to 129
- Required credits within the major: 91 to 114
- Degree: Bachelor of Applied Science

The bachelor of applied science (B.A.Sc.) in Public Health prepares graduates for careers in public health departments, government health agencies, voluntary health organizations, hospitals, corporate worksites, universities, and K-12 schools. Upper division students select an area of concentration in either community health education/promotion or school health education. Students will develop a range of skills that include planning, implementing, administering, and evaluating evidence-based health interventions that promote health and prevent disease.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

Students must complete 45 credits before admission to the program.

Freshman and transfer students are usually admitted to pre-major status before admission to this major

A GPA above 2.0 is preferred for the following:

- 2.50 already admitted to the degree-granting college
- 2.50 transferring from another University of Minnesota college
- 2.50 transferring from outside the University

Students are admitted to the program as pre-public health majors and must select a concentration. Community health education/promotion concentration students must apply for admission to upper division after completion of 45 credits, including HLTH 1100. School health education concentration students must apply to the Secondary Teacher Education Program (STEP) after completing 45 credits. Public health faculty advisors assist students in course selection and application completion. Students entering the Secondary (5-12) & K-12 licensure programs are bound by the policies in effect at the time of application; admission is based on criteria established by the UMD Dept of Educ, consistent with policies as established by the MN Professional Educator Licensing and Standards Board (PELSB). Students must meet the admission requirements to the blocks; found online at: <https://z.umn.edu/stepapplication>. Application for admission can be completed FALL ONLY for SPRING SEMESTER ENTRY INTO BLOCK 1.

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

The Board of Regents, on recommendation of the faculty, grants degrees from the University of Minnesota. Requirements for an undergraduate degree from University of Minnesota Duluth include the following:

1. Students must meet all course and credit requirements of the departments and colleges or schools in which they are enrolled including an advanced writing course. Students seeking two degrees must fulfill the requirements of both degrees. However, two degrees cannot be awarded for the same major.
2. Students must complete all requirements of the [Liberal Education Program](#).
3. Students must complete a minimum of 120 semester credits.
4. At least 30 of the last 60 degree credits earned immediately before graduation must be awarded by UMD.
5. Students must complete at least half of their courses at the 3xxx-level and higher at UMD. Study-abroad credits earned through courses taught by UM faculty and at institutions with which UMD has international exchange programs may be used to fulfill this requirement.
6. If a minor is required, students must take at least three upper division credits in their minor field from UMD.
7. The minimum cumulative UM GPA required for graduation will be 2.00 and will include only University of Minnesota coursework. A minimum UM GPA of 2.00 is required in each UMD undergraduate major and minor. No academic unit may impose higher grade

point standards to graduate.

8. Diploma, transcripts, and certification will be withheld until all financial obligations to the University have been met.

Program Requirements

1. Selection of either community health education/promotion or school health education concentration/subplan.
2. Public health majors with a concentration in community health education/promotion are expected to maintain a 2.00 GPA overall and in the major (including transfer work) and obtain a grade of C- or better in all upper division (3xxx and 4xxx) HLTH courses. Public health majors with a concentration in school health education are expected to maintain a 2.5 GPA and obtain a grade of C- or better in all courses required in the major.
3. At least 20 credits of HLTH 3xxx or higher applied to the BASc must be taken from UMD.

Introductory Course (1 cr)

This course will be waived for transfer students with 24 credits taken post high school or students who change to CEHSP from a collegiate unit where it is not required.

Register course for one credit.

[UST 1000](#) - Learning in Community (1.0 - 2.0 cr)

Program Sub-plans

Students are required to complete one of the following sub-plans.

Community Health Education/Promotion

Students who complete the B.A.Sc. in Public Health with a concentration in community health education/promotion will be trained to educate and promote health for individuals and groups through their work in public health departments, government health agencies, voluntary health organizations, hospitals, corporate worksites, and universities. This concentration prepares students to sit for the national Certified Health Education Specialist exam and to apply the Seven Areas of Responsibility for the Health Education Specialist (NCHEC, 2015) in community settings: Area 1 Assess Needs, Resources and Capacity for Health Education/Promotion; Area 2 Plan Health Education/Promotion; Area 3 Implement Health Education/Promotion; Area 4 Conduct Evaluation and Research Related to Health Education/Promotion; Area 5 Administer and Manage Health Education/Promotion; Area 6 Serve as a Health Education/Promotion Resource Person; Area 7 Communicate, Promote, and Advocate for Health, Health Education/Promotion, and the Profession.

Exit Standards: Students with the community health education/promotion concentration must maintain 2.0 or better GPA and obtain a C- or better in all HLTH upper division (3xxx and 4xxx) HLTH courses. The internship experience, which is typically completed during the senior year, provides students the opportunity for real-world hands-on experience with people and situations they may encounter as a beginning public health professional.

Students who declare this concentration will be considered pre-public health majors until they have completed 45 credits, including HLTH 1100, with a 2.5 or better cumulative GPA (including transfer work). When students have met this requirement, they must apply for admission to upper division. This will move a student's status from pre-public health to Public Health B.A.Sc.

Required Lower Division Courses (19 - 20 cr)

[HLTH 1100](#) - Health and Wellness Strategies for Life [LE CAT8, SUSTAIN] (3.0 cr)

[HLTH 1470](#) - Human Nutrition [LE CAT, NAT SCI] (3.0 cr)

[HLTH 1700](#) - First Responder (3.0 cr)

[HLTH 2030](#) - Human Anatomy and Physiology I with lab (4.0 cr)

[HLTH 2040](#) - Human Anatomy and Physiology II with Lab (4.0 cr)

Terminology

[HLTH 1104](#) - Health Science Terminology (3.0 cr)

or [PHAR 1002](#) - Medical Terminology (2.0 cr)

Required Courses From Other Programs (20 - 24 cr)

Biology

[BIOL 1001](#) - Biology and Society [LE CAT4, NAT SCI, SUSTAIN] (4.0 cr)

or [BIOL 1011](#) - General Biology I [LE CAT, NAT SCI] (5.0 cr)

Chemistry

CHEM 1104 is recommended for students seeking graduate education.

[CHEM 1103](#) - Aspects of Chemistry [LE CAT5, NAT SCI, SUSTAIN] (3.0 cr)

or [CHEM 1113](#) - Introduction to General, Organic, and Biological Chemistry I [LE CAT, NAT SCI] (5.0 cr)

or [CHEM 1153](#) - General Chemistry I [LE CAT, NAT SCI] (4.0 cr)

[CHEM 1154](#) - General Chemistry Lab I [LE CAT, NAT SCI] (1.0 cr)

Communication

[COMM 1112](#) - Public Speaking [LE CAT, COMM & LAN] (3.0 cr)

or [COMM 1222](#) - Interpersonal Communication [LE CAT, LECD C, COMM & LAN] (3.0 cr)

Psychology

[PSY 2021](#) - Developmental Psychology [LE CAT, LECD C, SOC SCI, CDIVERSITY] (3.0 cr)

Statistics

If a STAT prefix course is not taken, a LE LOGIC is still required.

[STAT 1411](#) - Introduction to Statistics [LE CAT, LOGIC & QR] (3.0 cr)

or [STAT 2411](#) - Statistical Methods [LE CAT, LOGIC & QR] (3.0 cr)

or [PSY 2020](#) - Introduction to Statistics and Research Methods (3.0 cr)

or [PSY 3020](#) - Statistical Methods (4.0 cr)

Writing

WRIT 31xx Adv Writing (3.0 cr)

Public Health Core Requirements (18 cr)

[HLTH 3000](#) - Program Administration in Public Health (3.0 cr)

[HLTH 3115](#) - Consumer Health Education (3.0 cr)

[HLTH 3116](#) - Principles of Epidemiology and Human Disease (3.0 cr)

[HLTH 2200](#) - Research and Evaluation in Health Science (3.0 cr)

[HLTH 3301](#) - Foundations of Public Health (3.0 cr)

[HLTH 3500](#) - Environmental Health (3.0 cr)

Community Health Education/Promotion Concentration Courses (30 - 36 cr)

A minimum of 9 credits of HLTH 4996 is required. Students can complete a maximum of 15 internship credits.

[HLTH 3101](#) ~~(Inactive)~~ (3.0 cr)

[HLTH 3300](#) - Public Health Communication (3.0 cr)

[HLTH 3303](#) - Planning Community Health Interventions (3.0 cr)

[HLTH 3305](#) - Community Health Methods (3.0 cr)

[HLTH 3400](#) - Facilitating Healthy Lifestyle Change (3.0 cr)

[HLTH 4000](#) ~~(Inactive)~~ (4.0 cr)

[HLTH 4996](#) - Internship in Health Education (1.0 - 15.0 cr)

Health Content/Skills Requirement (8 - 9 cr)

Take 3 or more course(s) totaling 8 - 9 credit(s) from the following:

• [HLTH 3118](#) - Women's Health Issues (3.0 cr)

• [HLTH 3202](#) - Drug Education (2.0 cr)

• [HLTH 3307](#) - Conducting and Managing Worksite Health Promotion Programs (3.0 cr)

• [HLTH 3341](#) - Encountering Death and Grief: A Cross-Cultural Journey [CDIVERSITY] (3.0 cr)

• [HLTH 4100](#) - Historical Perspectives of Community Health Through Culture & Art in Italy [GLOBAL PER] (3.0 cr)

• [HLTH 4400](#) - Professional Health Coaching (3.0 cr)

• [HLTH 4700](#) - Global Health (3.0 cr)

• [HLTH 3117](#) - Principles of Sex Education (3.0 cr)

or [PSY 3215](#) - Topics in Human Sexuality (3.0 cr)

Elective Requirement (6 cr)

Not required for students with a minor.

Choose 3xxx or 4xxx courses in Public Health, HPER, Coaching, Communication, Exercise Science, Environmental and Outdoor Education, Environmental Studies, Health Care Management, Pharmacy, Psychology, Sociology, Social Work, or Women's Studies. The student's Public Health advisor may approve courses from other degree programs.

School Health Education

Students who graduate with a B.A.Sc. in Public Health with a concentration in school health education are qualified to teach K-12 health curriculum in Minnesota school systems. A school health educator improves the health literacy and health behaviors of young people through education about health and wellness topics, such as exercise, nutrition, stress, personal growth, and safety. The concentration aligns to the Minnesota Professional Educator Licensing and Standards Board (PELSB) standards for Health Education in grades K-12 in Minnesota.

1. Students are to make satisfactory progress each semester, including grades of C- or better in all courses required in the major & successfully achieve all standards aligned with assignments in each course.
2. Maintain a min 2.5 cumulative & major GPA.
3. Demonstrate acceptable professional performance, including dispositions & teaching skills, in field placement; candidate proficiency is assessed throughout teacher preparation courses by University faculty, University supervisors, & the cooperating teachers in all field

experiences. The field experience assessment forms include knowledge, skills, & dispositions are aligned to institutional and standards for all field experiences.

4. Abide by the MN PELSB & UMD Dept. of Educ Code of Ethics.

5. Obtain an approved background check before being placed practicum, volunteering, or student teaching in schools & agencies. Students are required to obtain an approved background check every 2 yrs prior to placement in practicum, volunteering, or student teaching in schools and agencies. Proof of complete background check is required prior to any experience in public school & agency settings. Students are required to keep a printed copy of the background check to provide to the school or agency, if necessary.

6. Obtain personal liability insurance before being placed practicum, volunteering, or student teaching in schools & agencies. Students are required to have professional liability insurance purchased through the Education MN Student Membership annually while they are completing field placement. Students can purchase the liability insurance online at: <https://z.umn.edu/edmnstudentmembership>. A paper copy of the liability insurance MUST be provided to the UMD Dept of Educ when signing the placement contract each term.

7. Seek out advising each term with assigned advisor throughout college career to ensure you are on track for program completion.

8. Adhere to university policies regarding attendance; & in addition to the above expectations, students must abide by all university policies (<http://d.umn.edu/academic-affairs/academic-policies>).

9. Students are required to complete a program clearance process as part of the student teaching application to review their degree status with their advisor & the Accreditation office. Student teaching applications are due the 4th Friday of the semester. Learn more online at: <https://z.umn.edu/studentteach>. Students must have grades of C- or better in all required courses, & meet the required GPA in the major to be eligible for student teaching.

10. Recommendation for licensure are based on successful completion of all program-related courses; demonstration of satisfactory outcomes required by the program; acceptable performance in field experiences, including student teaching (including final student teaching assessments); submission of the edTPA, completion of UMD Dept of Educ graduate exit survey, and successful completion of all tests required

Required Lower Division Courses (17 cr)

[HLTH 1100](#) - Health and Wellness Strategies for Life [LE CAT8, SUSTAIN] (3.0 cr)

[HLTH 1470](#) - Human Nutrition [LE CAT, NAT SCI] (3.0 cr)

[HLTH 1700](#) - First Responder (3.0 cr)

[HLTH 2030](#) - Human Anatomy and Physiology I with lab (4.0 cr)

[HLTH 2040](#) - Human Anatomy and Physiology II with Lab (4.0 cr)

Required Courses from Other Programs (14 - 17 cr)

Biology

[BIOL 1001](#) - Biology and Society [LE CAT4, NAT SCI, SUSTAIN] (4.0 cr)

or [BIOL 1011](#) - General Biology I [LE CAT, NAT SCI] (5.0 cr)

Chemistry

CHEM 1104 is optional

[CHEM 1103](#) - Aspects of Chemistry [LE CAT5, NAT SCI, SUSTAIN] (3.0 cr)

or [CHEM 1113](#) - Introduction to General, Organic, and Biological Chemistry I [LE CAT, NAT SCI] (5.0 cr)

or [CHEM 1153](#) - General Chemistry I [LE CAT, NAT SCI] (4.0 cr)

[CHEM 1154](#) - General Chemistry Lab I [LE CAT, NAT SCI] (1.0 cr)

Psychology

[PSY 2021](#) - Developmental Psychology [LE CAT, LECD C, SOC SCI, CDIVERSITY] (3.0 cr)

Writing

WRIT 31xx Adv Writing (3.0 cr)

Upper Division Major Courses (14 cr)

Any other courses not aligned with standard need an APAS exception on file for school health concentration.

[HLTH 3101](#) ~~(Inactive)~~ (3.0 cr)

[HLTH 3117](#) - Principles of Sex Education (3.0 cr)

[HLTH 3202](#) - Drug Education (2.0 cr)

[HLTH 3301](#) - Foundations of Public Health (3.0 cr)

[HLTH 3115](#) - Consumer Health Education (3.0 cr)

or [HLTH 3118](#) - Women's Health Issues (3.0 cr)

School Health Concentration (45 - 46cr)

Application for admission to the blocks must be submitted by the 6th Friday of the fall and spring semester. Applications are available online at: <https://z.umn.edu/stepapplication>. Application for admission can be completed FALL ONLY for SPRING SEMESTER ENTRY INTO BLOCK 1. Application must be completed the semester prior to starting the blocks.

[EDUC 1101](#) - Education in Modern Society [LE CAT7, HUMANITIES] (3.0 cr)

[EDUC 3412](#) - The Computer in Education (3.0 cr)

[HLTH 3302](#) - School Health Education Methods and Materials (3.0 cr)

Block I (12 - 13 cr)

Typically, all courses must be taken concurrently (alternate schedules by program consent). Students must have personal liability insurance and approved background check while in field placement settings. Standalone Health Education majors must register for EDSE 4204 and SPED 3415; Physical Education & School Health Education double majors must register for PETE 4200 or EDSE 4204.

[EDSE 4100](#) - Teaching in a Diverse Society (3.0 cr)

[EDSE 4501](#) - Adolescent/Adult Development and Learning Theory (3.0 cr)

[EDSE 4204](#) - Designing Learning Environments and Lessons (3.0 cr)



or [PETE 4200](#) - Secondary Physical Education Methods (3.0 cr)
[SPED 3415](#) - Special Education in the Secondary School (3.0 cr)
or [PETE 3400](#) - Adapted Physical Education (3.0 cr)

Block II (10 cr)

All courses must be taken concurrently. Application for student teaching must be made by the 4th Friday of this semester. Course deficiencies on Program Clearance must be addressed with advisor. Block 2 is the take the MTLE Content exams. Following the completion of Block 2 prior to starting Block 3 take MTLE Pedagogy exams. Standalone Health Education majors must register for EDSE 3206 & PETE 4225; Physical Education & School Health Educ double majors must register for PETE 4225 and PETE 3500.

[EDUC 4381](#) - Teaching Indigenous Students (3.0 cr)
[EDSE 4214](#) - Teaching Content-Area Reading (3.0 cr)
[EDSE 3206](#) - Apprenticeship: Secondary School (2.0 cr)
or [PETE 4225](#) - Apprenticeship: Secondary (2.0 cr)
[EDSE 4525](#) - Assessment for Secondary Education (3.0 cr)
or [PETE 3500](#) - Student Assessment in Physical Education (3.0 cr)

Block III (13 cr)

All courses must be taken concurrently. Liability insurance and approved background check must be complete. Students must have grades of C- or better, meet the required GPA in the major, and complete at least 85% of teaching courses to be eligible for student teaching. Students must register for EDSE 4600 for 12 credits. Students must complete & submit the edTPA for scoring as outlined in the course requirements of EDSE 4600. PE/Hlth double major register for EDSE 4600-6 crs & ELED 4650-6 crs.

[EDSE 4600](#) - Student Teaching (3.0 - 24.0 cr)
or [EDSE 4600](#) - Student Teaching (3.0 - 24.0 cr)
[ELED 4650](#) - Student Teaching in Individual Subjects: K-8 (1.0 - 6.0 cr)
[EDUC 4500](#) - Professional Issues and Ethics (1.0 cr)