



## Program Planning Guide

Current and past Program Planning Guides are available on the UofL website at [www.uleth.ca/ross/ppgs/ppg.html](http://www.uleth.ca/ross/ppgs/ppg.html)

Calendar Year: 2013/2014

Faculty of Health Sciences

### About the Public Health Major

The Public Health major in the Bachelor of Health Sciences prepares students for non-clinical work and graduate study in the field of Public Health. The Public Health major in the B.H.Sc. is the first of its kind to be offered at the baccalaureate level in Alberta. Successful completion of the four-year baccalaureate program earns students a Bachelor of Health Sciences (B.H.Sc.) degree.

### Experiential Learning

Students may choose to complete a practicum placement, Co-operative Education Studies, or Applied Studies to gain experience in public health practice. Local, national and international placement opportunities are available, and students will have the opportunity to be mentored by those who are working or conducting research in the field of public health. An undergraduate (honours) thesis is also available, providing students with valuable research experience.

Many of our graduates have found immediate success in the job market because of the practical, hands-on public health experience they have gained in the program.

### Public Health Career Paths

A career in public health can include designing and implementing programs that promote health, collecting and analyzing health data, and shaping policy at local, national or international levels. Graduates in public health often work for governments, private-sector and non-profit organizations. Career opportunities focus in areas such as: Aboriginal and Immigrant Health, Epidemiology and Biostatistics, Environmental Health, Health Policy, Health Promotion, Health Services Administration, Infectious Disease Control, Global Health, Program Management and Evaluation, Wellbeing/Healthy Eating.

### Admission Requirements

Students applying to the Public Health major in the Bachelor of Health Sciences program must hold a 65% high school average to be considered.

Applicants must have the following Alberta high school courses or equivalents:

- English Language Arts 30-1
- Biology 30
- Mathematics 30-1, Mathematics 30-2, or Pure Mathematics 30
- One other 30-level 'academic' course
- A fifth course at the 30-level (not including Special Projects)

See Part 1 - Admission, Section 3.a.1.a, p. 26 in the UofL Calendar for complete admission requirements.

### Application Deadlines

Fall Semester: June 1  
Spring Semester: Nov. 1

An Application for Admission can be completed at [ApplyAlberta.ca](http://ApplyAlberta.ca).

### Transfer Credit

Students pursuing a Public Health major will be allowed to transfer a maximum of 20 semester course equivalents (60.0 credit hours) into the program. Courses for which transfer credit is being sought must be discussed at the time of acceptance. Students with transfer credit should consult with an Academic Advisor ([health.sciences@uleth.ca](mailto:health.sciences@uleth.ca)) prior to the first semester to develop an individual course sequencing plan.

# Bachelor of Health Sciences

## Public Health

**Program Worksheet**

**Name :** \_\_\_\_\_ **ID :** \_\_\_\_\_

**Core Courses (1-15):**

- \_\_\_\_\_ 1. Public Health 1000 - Introduction to Public Health
- \_\_\_\_\_ 2. Public Health 2000 - Population Health
- \_\_\_\_\_ 3. Public Health 3000 - Canadian and Global Perspectives
- \_\_\_\_\_ 4. Public Health 3420 - Public Health Ethics
- \_\_\_\_\_ 5. Public Health 4000 - Advanced Public Health
- \_\_\_\_\_ 6. Anthropology 1000 - The Anthropological Perspective
- \_\_\_\_\_ 7. Geography 1200 - Introduction to Human Geography
- \_\_\_\_\_ 8. Health Sciences 2003/Biology 2003 - Epidemiology: The Ecology of Health and Disease
- \_\_\_\_\_ 9. Health Sciences 2400 - Medical Microbiology
- \_\_\_\_\_ 10. Health Sciences 2600/Women and Gender Studies 2100 - Women and Health
- \_\_\_\_\_ 11. Health Sciences 2700/Sociology 2700 - Health and Society
- \_\_\_\_\_ 12. Health Sciences 3450/Psychology 3450 - Applied Statistics for Clinical Practice
- \_\_\_\_\_ 13. Psychology 1000 - Basic Concepts of Psychology
- \_\_\_\_\_ 14. Political Science 1000 - Introduction to Political Science
- \_\_\_\_\_ 15. Sociology 1000 - Introduction to Sociology
- \_\_\_\_\_ 16. One of (3.0 credit hours):
  - \_\_\_\_\_ Health Sciences 3260 - Research in Addictions
  - \_\_\_\_\_ Nursing 3360 - Research Methodology
- \_\_\_\_\_ 17. One of (3.0 credit hours):
  - \_\_\_\_\_ \* Biology 1010 - Cellular Basis of Life
  - \_\_\_\_\_ \*\* Kinesiology 1000 - Wellness and Physical Activity
- \_\_\_\_\_ 18. One of (3.0 credit hours):
  - \_\_\_\_\_ Anthropology 3520 - Medical Anthropology
  - \_\_\_\_\_ \* Biochemistry 2300 - Elements of Human Nutrition
  - \_\_\_\_\_ Environmental Science 2000 - Fundamentals of Environmental Science
  - \_\_\_\_\_ Health Sciences 3127 - Loss, Grief and Bereavement
  - \_\_\_\_\_ Health Sciences 3130 - Diversity and Counselling
  - \_\_\_\_\_ Health Sciences 3759 - Addictions in Particular Populations
  - \_\_\_\_\_ \* Kinesiology 3630 - Growth, Development and Aging
  - \_\_\_\_\_ Psychology 2110 - Introduction to Child Development
  - \_\_\_\_\_ Psychology 2505 - Abnormal Psychology
  - \_\_\_\_\_ Psychology 2800 - Social Psychology
  - \_\_\_\_\_ \* Psychology 3120 - Psychology of Aging
  - \_\_\_\_\_ \* Sociology 3340 - Medical Sociology

- \_\_\_\_\_ 19. One of (3.0 credit hours):
  - \_\_\_\_\_ Computer Science 1000 - Introduction to Computer Science OR Management 2060 - Introduction to Information Technology
  - \_\_\_\_\_ Economics 1010 - Introduction to Microeconomics
  - \_\_\_\_\_ Economics 1012 - Introduction to Macroeconomics
  - \_\_\_\_\_ Health Sciences 1020 - Introduction to the Counselling Interview
  - \_\_\_\_\_ Health Sciences 3500/Management 3825 - Information in Health Care
  - \_\_\_\_\_ Management 3061 - Information Systems and Management
  - \_\_\_\_\_ Political Science 2511 - Introduction to Political Theory
- \_\_\_\_\_ 20. One of (3.0 credit hours):
  - \_\_\_\_\_ Writing 1000 - Introduction to Academic Writing
  - \_\_\_\_\_ A university English course
- \_\_\_\_\_ 21-23. Three Fine Arts/Humanities courses (9.0 credit hours)
  - 21. \_\_\_\_\_
  - 22. \_\_\_\_\_
  - 23. \_\_\_\_\_

**\*\*\*At least FOUR courses in ONE of the following concentrations:**  
**Applied Public Health**

- \_\_\_\_\_ 24-27. Four of:
  - \_\_\_\_\_ Anthropology 2010 - Theory I: Historical Foundations of Anthropological Thought
  - \_\_\_\_\_ Anthropology 2600 - Anthropology of Gender
  - \_\_\_\_\_ \* Anthropology 3200 - Power and Discourse
  - \_\_\_\_\_ Anthropology 3310 - Race and Ethnicity
  - \_\_\_\_\_ \* Biology 2000 - Principles of Genetics
  - \_\_\_\_\_ Geography 3230 - Urban Social Geography
  - \_\_\_\_\_ \* Geography 3750 - GIS Applications in Human Geography
  - \_\_\_\_\_ Health Sciences 2806/Biology 2806 - Immunology
  - \_\_\_\_\_ Health Sciences 3002 - Health Education and Promotion
  - \_\_\_\_\_ Health Sciences 3150 - Adult Psychopathology
  - \_\_\_\_\_ Health Sciences 3500/Management 3825 - Information in Health Care
  - \_\_\_\_\_ Health Sciences 3560/History 3560 - History of Nursing: Women and the Care of the Sick
  - \_\_\_\_\_ Health Sciences 3700 - Gambling
  - \_\_\_\_\_ Health Sciences 3749 - Studies in Specific Addictive Disorders
  - \_\_\_\_\_ Health Sciences 3800 - Teaching and Learning for Health Professions

- \_\_\_\_\_ Health Sciences 3802 - Gerontology
- \_\_\_\_\_ Health Sciences 3990 - Independent Study
- \_\_\_\_\_ Health Sciences 4850 - Special Topics
- \_\_\_\_\_ Kinesiology 2520 - Contemporary Health Issues
- \_\_\_\_\_ \*Kinesiology 4500 - Physical Activity and Aging
- \_\_\_\_\_ \*Native American Studies 3700 - Native American Health
- \_\_\_\_\_ Public Health 3850 - Special Topics
- \_\_\_\_\_ Public Health 4850 - Special Topics
- \_\_\_\_\_ Sociology 3120 - Qualitative Research Methods
- \_\_\_\_\_ \*Sociology 3460 - Body and Society
- \_\_\_\_\_ \*Women and Gender Studies 3010 - Women, Bodies and Movement (Series)
- \_\_\_\_\_ \*Women and Gender Studies 3020 - Women and Globalization (Series)
- \_\_\_\_\_ Women and Gender Studies 3700 - Advanced Research Practice

### Health Policy and Promotion

24-27. Four of:

- \_\_\_\_\_ Anthropology 2510 - Language, Culture, and Communication
- \_\_\_\_\_ \*Anthropology 3200 - Power and Discourse
- \_\_\_\_\_ \*Geography 3750 - GIS Applications in Human Geography
- \_\_\_\_\_ Health Sciences 2806/Biology 2806 - Immunology
- \_\_\_\_\_ Health Sciences 3002 - Health Education and Promotion
- \_\_\_\_\_ Health Sciences 3150 - Adult Psychopathology
- \_\_\_\_\_ Health Sciences 3500/Management 3825 - Information in Health Care
- \_\_\_\_\_ Health Sciences 3570/Psychology 3570 - Contemporary Issues in Mental Health
- \_\_\_\_\_ Health Sciences 3800 - Teaching and Learning for Health Professions
- \_\_\_\_\_ Health Sciences 3990 - Independent Study
- \_\_\_\_\_ Health Sciences 4200 - Community Development and Outreach
- \_\_\_\_\_ Health Sciences 4850 - Special Topics
- \_\_\_\_\_ \*Management 3250 - Social Marketing
- \_\_\_\_\_ \*Native American Studies 2230 - Family and First Nations' Community Development
- \_\_\_\_\_ \*Political Science 3260 - Canadian Public Policy
- \_\_\_\_\_ Public Health 3850 - Special Topics
- \_\_\_\_\_ Public Health 4850 - Special Topics
- \_\_\_\_\_ Sociology 3120 - Qualitative Research Methods
- \_\_\_\_\_ \*Sociology 3390 - Sociology of Mass Communication
- \_\_\_\_\_ \*Women and Gender Studies 2600 - Activism and Advocacy
- \_\_\_\_\_ \*Women and Gender Studies 3060 - Science, Spaces, Environments, and Technology (Series)
- \_\_\_\_\_ Women and Gender Studies 3700 - Advanced Research Practice

### Public Health Administration

24-27. Four of:

- \_\_\_\_\_ \*Economics 2070/Management 2070 - Operations and Quantitative Management
- \_\_\_\_\_ \*Economics 3030 - Managerial Economics
- \_\_\_\_\_ \*Economics 3220 - Environmental Economics
- \_\_\_\_\_ Economics 3710 - Economic Analysis of Canadian Public Issues
- \_\_\_\_\_ \*Economics 3750 - Economics of Public Spending
- \_\_\_\_\_ \*Economics 3800 - Economic Development
- \_\_\_\_\_ \*Geography 3750 - GIS Applications in Human Geography
- \_\_\_\_\_ Health Sciences 3500/Management 3825 - Information in Health Care
- \_\_\_\_\_ Health Sciences 3990 - Independent Study
- \_\_\_\_\_ Health Sciences 4850 - Special Topics
- \_\_\_\_\_ Management 1000 - Introduction to Management
- \_\_\_\_\_ \*Management 3250 - Social Marketing
- \_\_\_\_\_ \*Native American Studies 3250/Management 3500 - Financial Management in Aboriginal Communities
- \_\_\_\_\_ \*Political Science 3260 - Canadian Public Policy
- \_\_\_\_\_ \*Political Science 3360 - Developing Nations
- \_\_\_\_\_ \*Political Science 3400 - Public Administration
- \_\_\_\_\_ Public Health 3850 - Special Topics
- \_\_\_\_\_ Public Health 4850 - Special Topics
- \_\_\_\_\_ Sociology 3120 - Qualitative Research Methods
- \_\_\_\_\_ Women and Gender Studies 3700 - Advanced Research Practice

28-40. 13 courses offered by any faculty (39.0 credit hours)

- 28. \_\_\_\_\_
- 29. \_\_\_\_\_
- 30. \_\_\_\_\_
- 31. \_\_\_\_\_
- 32. \_\_\_\_\_
- 33. \_\_\_\_\_
- 34. \_\_\_\_\_
- 35. \_\_\_\_\_
- 36. \_\_\_\_\_
- 37. \_\_\_\_\_
- 38. \_\_\_\_\_
- 39. \_\_\_\_\_
- 40. \_\_\_\_\_

Students may choose to complete Public Health 4550 Practicum in Public Health (15.0 credit hours) or Public Health 4995 Undergraduate Thesis (6.0 credit hours). For details, please consult an Academic Advisor in the Faculty of Health Sciences.

\*In planning their program, students should consider course prerequisites. Some prerequisites may need to be taken as open electives, and some course choices should be made considering senior course prerequisites. The list below indicates the required prerequisites:

Anthropology 3200 - Anthropology 2010 or Anthropology 2510 (Anthropology 1000 or a previous course in Anthropology)

Biochemistry 2300 - Chemistry 30 or Chemistry 0500

Biology 1010 - Biology 30; One of Chemistry 30 or Chemistry 0500

Biology 2000 - Biology 1010 (Biology 30; One of Chemistry 30 or Chemistry 0500); Biology 1020; One of Mathematics 30-1, Pure Mathematics 30, or Mathematics 0500

Economics 2070/Management 2070 - Statistics 1770; Second-year standing (a minimum of 30.0 credit hours)

Economics 3030 - Economics 1010

Economics 3220 - Economics 1010

Economics 3750 - Economics 1010

Economics 3800 - Economics 1010

Geography 3750 - Geography 1000; Geography 2735

Kinesiology 3630 - Kinesiology 2200 (Second-year standing (a minimum of 30.0 credit hours))

Kinesiology 4500 - any two 3000-level courses in Kinesiology

Management 3250 - Management 2020 or Psychology 2800; Third-year standing (a minimum of 60.0 credit hours) in the Bachelor of Health Sciences (Public Health major)

Native American Studies 2230 - Native American Studies 1000

Native American Studies 3250/Management 3500 - Native American Studies 1000

Native American Studies 3700 - Native American Studies 2100 (Native American Studies 1000) or Native American Studies 2800 (Native American Studies 1000)

Political Science 3260 - Political Science 2210 (Political Science 1000 or a previous course in Political Science or 7 Arts and Science courses)

Political Science 3360 - Political Science 2310 (Political Science 1000 or a previous course in Political Science or 7 Arts and Science courses)

Political Science 3400 - Political Science 2210 (Political Science 1000 or a previous course in Political Science or 7 Arts and Science courses)

Psychology 3120 - any two 2000-level courses in Psychology or Neuroscience

Sociology 3340 - one 2000-level course in Sociology

Sociology 3390 - one 2000-level course in Sociology

Sociology 3460 - Sociology 2210 (Sociology 2200) or Sociology 2410

Women and Gender Studies 2600 - Women and Gender Studies 1000

Women and Gender Studies 3010 - one previous course in Women and Gender Studies; Third-year standing (a minimum of 60.0 credit hours)

Women and Gender Studies 3020 - one previous course in Women and Gender Studies; Third-year standing (a minimum of 60.0 credit hours)

Women and Gender Studies 3060 - one previous course in Women and Gender Studies; Third-year standing (a minimum of 60.0 credit hours)

\*\*Students who complete Kinesiology 1000 must complete a Science GLER course in place of one of the 13 courses offered by any faculty.

\*\*\*Decisions regarding the Concentration (Applied Public Health, Health Policy and Promotion, or Public Health Administration) and route (Thesis or Practicum) will be made by the end of March of the second year.

**Note:** Please see an advisor in Health Sciences early in your program for program planning.

**Reminder:** Any given course may be used to satisfy one major requirement or concentration requirement only.

## Other Graduation Requirements:

- \_\_\_\_\_ Minimum of 40 courses (120.0 credit hours).
- \_\_\_\_\_ Cumulative GPA of at least 2.00.
- \_\_\_\_\_ GPA of at least 2.50 on all Public Health courses.
- \_\_\_\_\_ Not more than ten 1000-level courses.
- \_\_\_\_\_ General Liberal Education Requirement. (Please refer to the 2013/2014 Calendar, p. 90, for further details.)
- \_\_\_\_\_ Maximum of three Independent Studies (9.0 credit hours).
- \_\_\_\_\_ Residence requirement: 20 courses, including a minimum of five in Public Health.
- \_\_\_\_\_ All degree requirements must be completed within seven years of completion of the first Public Health course used for credit toward the degree.

## Sample Sequencing Plan

### Year 1, Fall

Public Health 1000  
Psychology 1000  
Anthropology 1000  
Writing 1000 or university English course  
Open Elective

### Year 2, Fall

Public Health 2000  
Health Sciences 2003/Biology 2003  
Health Sciences 2700/Sociology 2700  
Fine Arts and Humanities course (22)  
Open Elective

### Year 3, Fall

Health Sciences 2400  
Public Health 4000  
Open Elective  
Choice 18  
Choice 24

### Year 4, Fall

Choice 19  
Choice 26  
Choice 27  
Open Elective  
Open Elective

### Year 1, Spring

Geography 1200  
Sociology 1000  
Political Science 1000  
Fine Arts and Humanities course (21)  
Open Elective

### Year 2, Spring

Health Sciences 3450/Psychology 3450  
Public Health 3000  
Fine Arts and Humanities course (23)  
One of: Biology 1010 or  
Kinesiology 1000  
Open Elective

### Year 3, Spring

Public Health 3420  
Health Sciences 2600/Women and  
Gender Studies 2100  
Health Sciences 3260 or Nursing 3360  
Choice 25  
Open Elective

### Year 4, Spring

Open Elective  
Open Elective  
Open Elective  
Open Elective  
Open Elective