



Program of Study Request

Form Id: 15967

Form Status: Process

Please take action on the form.

This service has been developed initially to support the conversion of the university's course inventory from a quarters to a semesters curriculum. **Getting started ...**

Type of Request:

New
 Modify
 Deactivate
 Terminate
 Quarter to Semester

For *Deactivate*, the program must be terminated no later than the conclusion of 7 years from the deactivation and all students must complete degree requirements by this date. The Registrar's Office will notify the department when all students have completed degree requirements of the deactivated program.

Client Info

Name:

Email:

Phone:

Department:

Location:

Program of Study

BIO - Public Health

Effective Term: Summer 2017
Level: Undergraduate

College of Science & Math

Degree: BS in Public Health *New
Major: Public Health *New
Minor:
Program: Public Health *New
Concentration:

Add'l Info:

Approvals				
Activity	Role	Client	Status	Time
Primary Route				
CCC_Eval	UG Chair of College of Science & Math	Richard Mercer	Approve	12/04/2016 16:20:08
Dean_Review	Dean of College of Science & Math	Mark D. Mamrack	Review	12/05/2016 08:38:24
UCAP_Eval	UCAP Chair	Karen Meyer	Approve	02/24/2017 13:41:19
Office Route				

Notes

Attach

Audit

Share with a colleague (Simple Webmail Client)

3640 Colonel Glenn Highway - Dayton, Ohio - 45435

Copyright Information © 2010 | Accessibility Information
For technical support, please contact the **CaTS Help Desk**



Proposed Major in Public Health

- I. **Title of Program:** Bachelor of Science in Public Health
Department: Biological Sciences
College: College of Science and Mathematics

II. **Objectives:**

The objectives of the Public Health degree center around programmatic learning goals and core skills that not only provide an in-depth science education but aid students in developing skills necessary for future careers. These include:

Undergraduate Public Health Program Learning Goals and Skills

- Students will be able to differentiate and define of structures and objectives of public health, including the history and philosophy of public health, key achievements, and explain the organization of the U.S. public health system and across the globe.
- Students will demonstrate comprehension of a foundational science education including epidemiology, health and disease, social and behavioral sciences, biological and life sciences, anatomy and physiology, chemistry, statistics, and scientific writing.
- Students will demonstrate comprehension of community health, humanities, ethics, leadership, and effective health communication.
- Students will apply leadership, communication skills, and community and public health knowledge through experiential learning activities including internships, service-learning projects, capstone senior seminars, research papers, honors theses, or other scholarly, cumulative, and integrative applied experiences to support academic and career goals.
- Students will design an academic plan for graduation and identify, write, and describe a plan for professional success in their career path.
- Students will demonstrate effective oral and written communication skills and relate public health information to diverse audiences.
- Students will apply critical thinking through independent learning and collaborations with colleagues, peers, and community members and identify, evaluate, and synthesize public health information.

III. Descriptions (catalog):

The Department of Biological Sciences will offer a program leading to a Bachelor of Science (BA) degree in public health. The curriculum offers students a broad, integrated, and intentional education in science while also incorporating a well-rounded approach to develop knowledge, skills and abilities beyond a traditional life science experience. This curriculum fosters critical thinking and scientific reasoning while expanding learning to develop other skills crucial for today's public health expert. Such skills will include scientific and technical writing, effective communication, leadership skills, community engagement, and a focus on community health. This program uniquely emphasizes scholastic coursework relevant to the scientist preparing to work in the diverse and dynamic field of public health.

The program's coursework focuses on foundational life science topics pertinent to public health including health and disease, food and nutrition, cells and genes, organisms and ecosystems, ecology and evolution, anatomy and physiology, and epidemiology and community health. It is supplemented with education in chemistry, statistics, psychology, and advanced coursework as well as professional development with the opportunity to work in the field of public health in a required on-site internship. This program will ensure that students are competitively prepared for careers in a variety of fields, including, but not limited to: public health, scientific research, medicine, education, public policy, nonprofit community organizations, city, county, state or other governmental departments or agencies, scientific writing, and law.

IV. Admission Requirements:

Requirements for direct admission into the Public Health degree program are in alignment with the Wright State University College of Science and Mathematics criteria, including: a high school GPA of 3.0 or higher, an ACT Math score minimum of 22 or 520 on the SAT, and an ACT English score minimum of 23 or 530 on the SAT.

Students who intend to enter into the Public Health degree program but do not meet the criteria to be directly admitted will begin in University College. Once the student has satisfied the following criteria, they can be admitted into the Public Health degree program: completed at least 15 semester hours with a minimum cumulative GPA of 2.25, and earned a grade of "C" or higher in one of the following courses: BIO 1050, BIO 1070, BIO 1080, BIO 1120, BIO 1150, CHM 1010, CHM 1020, or CHM 1210.

V. Program Requirements:

The program requirements can be found in the attached program of study.

VI. Program Quality:

Several initiatives will be implemented to maintain and improve the quality of the Public Health degree program, student success, and course alignment with learning objectives and competencies. Examples include:

- The program should be completed in four years or less and a required seminar in the sophomore year will guarantee that each student has an academic plan in place to ensure timely graduation.
- Assessments will be made in the freshman, sophomore, and senior year in key required courses (BIO 1080, BIO 2100, BIO 4000/4900) and will include skills review, project evaluations, satisfaction with advising, and comprehensive testing of learning objectives.
- Alumni will be tracked to follow graduate successes and failures.
- Data from these measures will be presented to the Biology Dept. Undergraduate Curriculum Committee, which will make recommendations for continuous improvement to enrich the student experience.

VII. Student Performance:

Students must complete all CoSM courses, including courses required for the program with a grade of “C” or better.

VIII. Curriculum Coordination:

This is a new program in the Department of Biological Sciences that incorporates preexisting Wright State University courses. As no new courses were created and all courses are regularly offered there are no coordination issues at this time.

IX. Resource Coordination:

No additional resources will be needed to offer the degree in Public Health.

X. Program Staffing:

No additional staffing will be needed to offer the degree in Public Health.

College	Science and Mathematics
Department	Biological Sciences
Degree, Major Program	Bachelor of Science Public Health
Minor Program	
Certificate Program	

Semester System	Hours
I. Wright State Core	44
Element 1: Communication	6
Element 2: Mathematics STT 2640 or STT 1600 required	4
Element 3: Global Traditions PPH 2000 required	6
Element 4: Arts and Humanities	3
Element 5: Social Sciences PSY 1010 required	7
Element 6: Natural Sciences BIO 1120 and BIO 1150 required	8
Additional Core Courses CHM 1210/1210L, CHM 1220/1220L required	10
II. Departmental Core Requirements	16
BIO 1080 (3), BIO 2100 (1), BIO 2110 (3), BIO 2120 (3) Senior Capstone Course (BIO 4000 or 4020 or 4920) (1) Internship BIO 4900 (5)	
III. Electives	29
CoSM Electives: Select 20 hours from below. Only one course in ethics may apply (BIO 3700, PHL 3780, URS 3330). BIO 3100(3)/3110(2), 3140 (3.5), 3200 (3), 3700 (3), 4080 (3), 4340 (2), 4600 (4), 4470 (3), 4760 (3) M&I 4260 (3), 4310 (3), 4750 (4) ANT 3100 (4), 3120 (4) BMB 3220 (3) Electives Outside of CoSM: Select 9 hours. COM 4570 (3) URS 3330 (3), 4430 (3) PHL 3000 (3), 3110 (3) SOC 3600 (3), 3810 (3) PLS 4150 (3) MGT 3100 (3) LAW 3000 (3)	
IV. Related Requirements	30
CHM 2110/2110L, CHM 2120/2120L	10
PHY 1110/1110L, PHY 1120/1120L	10
MTH 2240	4
EES 4720	3
COM 3250	3
V. General Electives	1
Total	120

Notes:

****For graduation credit, a grade of C or better required for all Core, Departmental, Supporting and Life Science Elective science and math courses.**