

## Environmental Health – Associate in Science (A.S.) Degree

The primary purpose of this program is to offer students the opportunity to complete the first two years of study leading to the Bachelor of Science degree. However, some graduates seek employment at entry-level jobs immediately upon graduation. Graduates of this program may transfer within The City University to York College, which has a fully articulated baccalaureate degree program articulating with a graduate program at Hunter College. Thus, the graduate of QCC's Environmental Health program has the opportunity of going from the A.S. through the Ph.D. within the field without leaving The City University. Graduates may also transfer into related environmental programs at units of The City University of New York and the State University of New York, as well as other colleges and universities.

Environmental Health is an expanding field in both the

private and public sectors. The Environmental Health graduate with a Bachelor's degree is prepared to seek employment at the entry level in the areas of occupational safety and health, air pollution, water pollution, food protection, toxic and hazardous wastes and materials, radiation protection, noise pollution, insect and rodent control, water supply and treatment, solid waste treatment, and accident prevention, among others.

For further information, contact Dr. Harvey Workman in the Department of Biological Sciences and Geology.

**The New York State Department of Health** accepts this program as satisfactory training for the job category of environmental health technician in local health departments in New York State.

### REQUIREMENTS FOR A.S. DEGREE

#### GENERAL EDUCATION CORE REQUIREMENTS Credits

EN-101, 102	English Composition I, II .....	6
BI-201§	General Biology I.....	4
CH-151§,152	General Chemistry I, II.....	9
MA-440	Pre-Calculus Mathematics.....	4
PH-301, 302	College Physics I, II.....	8
SS-510§	Psychology .....	3
_____	Humanities elective .....	3
HI-110§, 111§, or 112§	History.....	3
		<i>Sub-total 40</i>

#### PREREQUISITES AND COREQUISITES FOR THE MAJOR

BI-202	General Biology II .....	4
BI-461	General Microbiology.....	4
		<i>Sub-total 8</i>

#### REQUIREMENTS FOR THE MAJOR

BI-501	Environmental Health Science.....	4
BI-505	The Environmental Health Professional .....	1
BI-520*	Public Health Science .....	4
		<i>Sub-total 9</i>

#### ELECTIVES

_____	Advised electives †.....	3
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**Total Credits Required .....60**

*With special permission, students with health care experience may submit BI-301, 302 (Anatomy and Physiology I, II) in place of BI-520.*

† The selection of advised electives must be approved by the Environmental Health Coordinator(s). These courses are advised according to the baccalaureate program into which the student plans to transfer.

§ Sections of this course denoted as "WT" may be taken to partially satisfy the Writing Intensive Requirement.

Two (2) Writing Intensive classes are required for the Associate degree. See page 69.

### SUGGESTED SEQUENCE OF COURSES

#### Semester 1 Credits

EN-101	English Composition I .....	3
BI-501	Environmental Health Science .....	4
CH-151	General Chemistry I .....	4 1/2
SS-510	Psychology.....	3
BI-505	The Environmental Health Professional .....	1
		<i>Sub-total 15 1/2</i>

#### Semester 2

EN-102	English Composition II .....	3
BI-201	General Biology I .....	4
CH-152	General Chemistry II .....	4 1/2
MA-440	Pre-Calculus Mathematics .....	4
		<i>Sub-total 15 1/2</i>

#### Semester 3

BI-202	General Biology II .....	4
_____	Humanities elective .....	3
BI-520	Public Health Science.....	4
PH-301	College Physics I .....	4
		<i>Sub-total 15</i>

#### Semester 4

PH-302	College Physics II .....	4
HI-110, 111, or 112	History.....	3
BI-461	General Microbiology.....	4
_____	Advised electives † .....	3
		<i>Sub-total 14</i>

**Total Credits Required .....60**