

## Bachelor of Science Program in Occupational Health and Safety

1. For those who have completed a Bachelor of Science in Health Sciences, or Bachelor of Medical Science, or Bachelor of Public Health Science, or Bachelor of Nursing Science, or Bachelor of Thai Traditional Medicine.

### (1) Program Structure

The program requires at least 15 courses or 90 credits comprising the following:

- |                              |    |         |              |
|------------------------------|----|---------|--------------|
| A. General Education Courses | 1  | course  | (6 credits)  |
| B. Area-specific Courses     | 14 | courses | (84 credits) |

### (2) Program Details

#### A. General Education Courses 1 course (6 credits)

10151 Thai Studies

#### B. Area-specific Courses 14 courses (84 credits)

##### *Professional basis 1 course*

54119 Statistics and Research in Occupational Health and Safety

##### *Area-specific Courses 13 courses*

54122 Laws Related to Public Health

54124 Health System and Epidemiology

54125 Measurement and Evaluation in Industrial Hygiene<sup>1</sup>

54126 Health Promotion, Physical Assessment and Basic Medical Care

54127 Fundamental of Occupational Health and Environmental Health

54128 Industrial Hygiene Control Technology<sup>2</sup>

54129 Basic Engineering for Occupational Health and Safety

54130 Occupational Health and Safety Management Technology

54131 Occupational Health, Safety and Environment Law and Standards

54132 Safety Engineering Technology<sup>1</sup>

54133 Toxicology and Preventive Medicine

54134 Ergonomics and Industrial Psychology

54135 Professional Experience in Occupational Health, Safety and Environment<sup>3</sup>

**Note:** <sup>1</sup> Professional skill training is required.

<sup>2</sup> Students should register for the course 54125 Measurement and Evaluation in Industrial Hygiene.

<sup>3</sup> Students must register when no more than the last 3 courses remain and must have an internship in the field of occupational health and safety in the workplace.

## 2. For those who have a Bachelor's degree in Engineering, or Bachelor of Industrial Education, or Bachelor of Industrial Science.

### (1) Program Structure

The program requires at least 15 courses or 90 credits comprising the following:

- |                              |    |         |              |
|------------------------------|----|---------|--------------|
| A. General Education Courses | 1  | course  | (6 credits)  |
| B. Area-specific Courses     | 14 | courses | (84 credits) |

### (2) Program Details

#### A. General Education Courses 1 course (6 credits)

10151 Thai Studies

#### B. Area-specific Courses 14 courses (84 credits)

##### ***Professional basis 2 courses***

54119 Statistics and Research in Occupational Health and Safety

54123 Integrated Basic Life Sciences in Occupational Health and Safety

##### ***Area-specific Courses 12 courses***

54122 Laws Related to Public Health

54124 Health System and Epidemiology

54125 Measurement and Evaluation in Industrial Hygiene<sup>1</sup>

54126 Health Promotion, Physical Assessment and Basic Medical Care

54127 Fundamental of Occupational Health and Environmental Health

54128 Industrial Hygiene Control Technology<sup>2</sup>

54130 Occupational Health and Safety Management Technology

54131 Occupational Health, Safety and Environment Law and Standards

54132 Safety Engineering Technology<sup>1</sup>

54133 Toxicology and Preventive Medicine

54134 Ergonomics and Industrial Psychology

54135 Professional Experience in Occupational Health, Safety and Environment<sup>3</sup>

**Note:** <sup>1</sup> Professional skill training is required.

<sup>2</sup> Students should register for the course 54125 Measurement and Evaluation in Industrial Hygiene.

<sup>3</sup> Students must register when no more than the last 3 courses remain and must have an internship in the field of occupational health and safety in the workplace.

### 3. For those who have completed a Bachelor of Science degree in any field, or Bachelor of Technology.

#### (1) Program Structure

The program requires at least 16 courses or 96 credits comprising the following:

- |                              |            |              |
|------------------------------|------------|--------------|
| A. General Education Courses | 1 course   | (6 credits)  |
| B. Area-specific Courses     | 15 courses | (90 credits) |

#### (2) Program Details

##### A. General Education Courses 1 course (6 credits)

10151 Thai Studies

##### B. Area-specific Courses 15 courses (90 credits)

###### ***Professional basis 2 courses***

54119 Statistics and Research in Occupational Health and Safety

54123 Integrated Basic Life Sciences in Occupational Health and Safety

###### ***Area-specific Courses 13 courses***

54122 Laws Related to Public Health

54124 Health System and Epidemiology

54125 Measurement and Evaluation in Industrial Hygiene<sup>1</sup>

54126 Health Promotion, Physical Assessment and Basic Medical Care

54127 Fundamental of Occupational Health and Environmental Health

54128 Industrial Hygiene Control Technology<sup>2</sup>

54129 Basic Engineering for Occupational Health and Safety

54130 Occupational Health and Safety Management Technology

54131 Occupational Health, Safety and Environment Law and Standards

54132 Safety Engineering Technology<sup>1</sup>

54133 Toxicology and Preventive Medicine

54134 Ergonomics and Industrial Psychology

54135 Professional Experience in Occupational Health, Safety and Environment<sup>3</sup>

**Note:** <sup>1</sup> Professional skill training is required.

<sup>2</sup> Students should register for the course 54125 Measurement and Evaluation in Industrial Hygiene.

<sup>3</sup> Students must register when no more than the last 3 courses remain and must have an internship in the field of occupational health and safety in the workplace.