

HEALTH SCIENCES

Honours Major

Upon completion of the Health Sciences Honours Major, a successful student will be able to ...

- I. Depth and Breadth of Knowledge:
 - A. Explain how the concepts of health and disease have been shaped by the philosophical ideas and religious commitments that have influenced Western culture.
 - B. Clearly articulate a biblical perspective on health, well-being, disease and medical ethics.
 - C. Explain how health is the result of factors that occur on many levels ranging from the larger social and environmental levels to the smaller cellular and intracellular levels.
 - D. Appreciate and describe the interdisciplinary nature of health and wellness (e.g., that there are psychological, environmental, and spiritual dimensions to health and wellness).
 - E. Show critical thinking, analytical, and scientific writing skills in one or more of the disciplines in the health sciences in order to be able to successfully enter a health-related field upon graduation.
- II. Knowledge of Methodology:
 - A. Articulate how theories and methodologies in health (and its related disciplines) are shaped by different worldviews.
 - B. Discuss ethical issues that arise when conducting research, both in health sciences and its associated disciplines (e.g., psychology, sociology, and epidemiology).
 - C. Critically evaluate scientific health-related studies to be able to understand well enough what was learned in order to formulate responses that are logical and communicated persuasively.
 - D. Conduct health-related inquiries which involves asking the right questions, identifying what needs to be learned, and using resources effectively to construct a persuasive a response.
- III. Application of Knowledge:
 - A. Review and critically interpret health-related information (including scholarly sources) in order to develop well-considered lines of argument and make sound judgments.
- IV. Communication Skills:
 - A. Communicate effectively both verbally and in writing on a variety of health-related topics.
- V. Awareness of Limits of Knowledge:
 - A. Comment with a sense of humility on the limitations of our human understanding of health and health related issues.
- VI. Maturity and Professional Capacity:
 - A. Develop transferable skills such as laboratory skills, critical thinking, team work, statistical analysis, oral communication, and scientific writing; all honed within the knowledge and concepts in health science.
 - B. Speak with a Christian voice on health-related issues that are prevalent in society.
 - C. Develop skills of discernment, deliberation, and decision-making when confronting ethical issues in health sciences
 - D. Develop the ability to work effectively with others via interdependent and independent small group learning, which allows them to identify individual strengths and weaknesses, divide responsibility, and offer and receive feedback.

- E. Integrate their understanding of health-related issues with a commitment to Christian service with the goal of improving the spiritual, environmental, psychological, and physical condition of themselves and of others.
- F. Describe and exemplify how Christians can respond with compassion, integrity, and respect to those who are unwell, disabled, chronically ill, and mentally ill.

General Health Sciences Major

Upon completion of the Health Sciences General Major, a successful student will be able to ...

- I. Depth and Breadth of Knowledge:
 - A. Explain how the concepts of health and disease have been shaped by the philosophical ideas and religious commitments that have influenced Western culture.
 - B. Clearly articulate a biblical perspective on health, well-being and disease.
 - C. Explain how health is the result of factors that occur on many levels ranging from the larger social and environmental levels to the smaller cellular and intracellular levels.
 - D. Appreciate and describe some of the interdisciplinary nature of health and wellness (e.g., that there are psychological, environmental, and spiritual dimensions to health and wellness).
 - E. Show critical thinking, analytical, and scientific writing skills in one of the disciplines in the health sciences.
- II. Knowledge of Methodology:
 - A. Describe the process of scientific inquiry in the context of health sciences.
 - B. Discuss some ethical issues that can arise when conducting research, both in health sciences and its associated disciplines (e.g., psychology, sociology, and epidemiology).
 - C. Critically evaluate a scientific health-related study to be able to understand well enough what was learned in order to formulate logical responses.
 - D. Conduct a health-related inquiry which involves asking the right questions, identifying what needs to be learned, and using resources effectively to construct a persuasive a response.
- III. Application of Knowledge:
 - A. Review and critically interpret health-related information (including scholarly sources) in order to develop a well-considered line of argument and make sound judgments.
- IV. Communication Skills:
 - A. Communicate effectively both verbally and in writing on a variety of health-related topics.
- V. Awareness of Limits of Knowledge:
 - A. Comment with a sense of humility on the limitations of our human understanding of health and healthrelated issues.
- VI. Maturity and Professional Capacity:
 - A. Develop transferable skills such as laboratory skills, critical thinking, team work, statistical analysis, oral communication, and scientific writing; all honed within the knowledge and concepts in health science.
 - B. Speak with a Christian voice on health-related issues that are prevalent in society.

- C. Develop the ability to work effectively with others via interdependent and independent small group learning, which allows them to identify individual strengths and weaknesses, divide responsibility, and offer and receive feedback.
- D. Integrate their understanding of health-related issues with a commitment to Christian service with the goal of improving the spiritual, environmental, psychological, and physical condition of themselves and of others.
- E. Describe and exemplify how Christians can respond with compassion, integrity, and respect to those who are unwell, disabled, chronically ill, and mentally ill.