

HEALTH ADMINISTRATION

Program Overview

The Health Administration minor recognizes the diversity of skills required in the health care sector, and allows students from a variety of programs to minor in health care administration. Majors particularly well-suited to health administration are:

- **Sciences** (biology, chemistry, biochemistry, psychology)
- **Social sciences** (economics, sociology, social work, political science)
- **Business** (marketing, management, business administration, human resources management, business economics, finance, actuarial science, and information systems).

Classes include a diversity of student majors, which allows science, social science and business students to interact and learn alternative points of view. The health administration minor, combined with other initiatives of the integrated science and business curriculum at Rider, places graduates at a strong advantage in the employment marketplace.

Minor Offered

- Minor in Health Administration

Contact

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Program Website: www.rider.edu/healthadmin (<https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/finance-economics-dept/healthcare-management/>)

Associated Department: Department of Management (<https://www.rider.edu/academics/colleges-schools/norm-brodsky-college-business/departments/management/>)

Accreditation: Association to Advance Collegiate Schools of Business (<http://www.aacsb.edu/>)

Related Programs

- Health Care Management (<http://catalog.rider.edu/undergraduate/colleges-schools/business-administration/majors-minors-certificates/health-care-management/>)

Health Administration Minor Program Requirements

(21-24 credits)

Code	Title	Credits
HTH 205	Introduction to Health Care	3
HTH 336/ECO 336	Economics of Health Care System	3
Select one of the following:		3
HTH 450 or ECO 450	Seminar in Health Research Seminar in Economic Research	
HTH 491	Health Management Internship	
Select three of the following:		9

HTH 225	Health Care Financing
HTH 315/BUS 315	Health Care Law, Ethics and Policy
HTH 365	Health Care Information Systems
BIO 206	The Pharmaceutical Industry
COM 254	Intro to Health Communication
HTH 215	Population Health Care Management
PHL 304	Medical Ethics
SOC 346	Health Care and Society
GLS 325	Global Perspectives on Health and Illness
MKT 380	Health Care Marketing
PSY 345	Health Psychology
Select one of the following:	3
BIO 100	Life Science
BIO 110	Life Science: Inquiry Approach
BIO 115	Principles of Biology I
BIO 221	Human Anatomy & Physiology I
BNS 107	Life Science: Brain and Behavior
CHE 115	Chemistry & Society
CHE 118	Exploration of Chemical Principles
CHE 120	Principles of Chemistry
PSY 220	Psychological Disorders
PSY 365	Drugs and Human Behavior
PSY 374	Psychology of the Family
PSY 382	Aging, Brain, and Cognition
PSY 385	Death, Dying and Suicide
Non-business majors must select one of the following:	0-3
MGT 201	Fund Management & Org Behavior
MKT 200	Marketing Principles
Total Credits	21-24

Courses and Descriptions

BIO 100 Life Science 3 Credits

An introductory course for non-science majors in which students develop an understanding of the nature of science and are introduced to foundational topics in the biological life sciences and how they relate to human affairs. The course may emphasize human evolution, genetics, aging, disease, reproduction, bioethics or other topics in biology. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CAS general education curriculum.

BIO 110 Life Science: Inquiry Approach 4 Credits

An introductory course for non-science majors in which students develop an understanding of biological evolution, the molecular basis of heredity, the cell, matter, energy and organization in living systems, and the interdependence of organisms. In addition, students will develop an understanding of science as a human endeavor, the nature of scientific knowledge, and historical perspectives. Through investigative activities, students will develop an understanding about scientific inquiry and develop abilities necessary to do scientific inquiry. Three hours of lecture and one three-hour lab per week.

Corequisite(s): BIO 110L.

BIO 110L Life Science: Inquiry Approach Lab 0 Credits

This lab is a co-requisite and must be taken with the corresponding course.

Corequisite(s): BIO 110.

BIO 115 Principles of Biology I 4 Credits

An introductory biology course focusing on major themes of biology: what is life?; Cells as fundamental structure and functional unit of life; information transmission, storage and retrieval; Diversity and unity of life explained by evolution. Three hours of lecture and one three-hour lab per week.

Corequisite(s): BIO 115L.

BIO 115L Principles of Biology I Lab 0 Credits

This lab is a co-requisite and must be taken with the corresponding course.

Corequisite(s): BIO 115.

BIO 206 The Pharmaceutical Industry 3 Credits

An introduction to drug discovery and development. Topics include how drugs are used to diagnose, cure, treat, and prevent disease and how drugs affect body function. The origins of diseases and the early attempts at treatment are also covered. Designed for business majors; does not satisfy requirements for the biology major.

Prerequisite(s): any BIO1XX or BNS1XX or CHE 1XX.

BIO 221 Human Anatomy & Physiology I 4 Credits

A comprehensive survey of the structure and function of musculo-skeletal systems, neuroendocrine systems and related tissues and cellular interactions. Physiological applications include homeostasis, muscle dynamics, and cell activities. Laboratory exercises complement lecture material through the use of animal dissections, wet labs, computer-assisted investigations, microscopy, and models. Exams, case histories, personal investigations, and lab practicums assess learning. Course emphasis supports allied health and pre-professional training. Three hours of lecture and one three-hour lab per week. Designed for allied health students; does not satisfy requirements for the biology major. **Prerequisite(s):** HSC major ONLY or Permission of instructor.

Corequisite(s): BIO 221L.

BIO 221L Human Anatomy & Physiology I Lab 0 Credits

This lab is a co-requisite and must be taken with the corresponding course.

Corequisite(s): BIO 221.

BNS 107 Life Science: Brain and Behavior 3 Credits

An introduction to the biology of the human brain and the rest of the human nervous system. Topics in neuroscience are covered in molecular, cellular, and systematic terms. Additional material is presented on the origins and effects of neurological and psychiatric diseases. This course counts towards the fulfillment of the Disciplinary Perspectives element of the CLAS general education curriculum.

CHE 115 Chemistry & Society 3 Credits

Designed to give the nonscientist an appreciation of the role of chemistry in today's world. The approach is conceptual rather than mathematical. Topics include basic principles of chemical theory, energy sources, elementary organic chemistry, drugs, food additives, polymers, chemistry of living systems, inorganic solids in modern technology, and problems involving pollution of the environment. Three hours of lecture per week. This course satisfies the core requirements for education and business majors.

CHE 118 Exploration of Chemical Principles 4 Credits

A one-semester introduction to the principles of chemical sciences. Students will utilize inquiry-based learning methods to examine contextual problems as a means to explore introductory models and concepts of chemistry. Students will also gain an understanding of how scientific models are used to explain experimental observations. The laboratory component of this course is designed to provide students with an experimental context within which to develop some of the models described in the classroom. Three hours of lecture and one three-hour lab per week.

CHE 118L Exploration of Chemical Principles Lab 0 Credits

This lab is a co-requisite and must be taken with the corresponding course.

Corequisite(s): CHE 118.

CHE 120 Principles of Chemistry 3 Credits

For students who have successfully completed one year of high school chemistry. This systematic study of the fundamental principles and concepts of chemistry covers atomic structure, bonding, stoichiometric relationships, including solution and oxidation-reduction reactions, and molecular structure. Three hours of lecture per week. **Prerequisite(s):** High school chemistry or CHE 100 is recommended before taking this course.

Corequisite(s): CHE 121.

HTH 205 Introduction to Health Care 3 Credits

This course is an introduction to the components of the health care industry in the United States and to the interactions of these components in producing and supplying health care. We examine the nature of health, and the various institutions and personnel which seek to provide health services; we explore the means by which we pay for these services; we assess the relationship of technology to provision of health care services; we study the various ways that our government interacts with the providers of health care services; we investigate the ethical implications of issues in health care; and we explore health care sectors from an international perspective.

HTH 336 Economics of Health Care System 3 Credits

This course presents ways in which economic analysis can be used to explain issues in the health care industry. Microeconomics tools will be used to describe the behavior of consumers, producers, and third parties of the health care sector. The course also investigates the role of government in regulating the health care sector, and in providing services to the poor and elderly. Finally, we will use this foundation to examine some recent changes in this industry, and to analyze the most recent proposals for further changes.

HTH 450 Seminar in Health Research 3 Credits

Students in the course learn to conduct health administration-related research by engaging in an actual community-based research project. At the beginning of the semester, students are assigned to a health-related community-based organization. As a team, students meet with the client, devise a plan of action, collect and analyze data and other information, and write a report to the client. At the end of the semester, students present their findings to the client.

Prerequisite(s): Permission of instructor.

HTH 491 Health Management Internship 3 Credits

This course provides students minoring in health administration an opportunity to supplement and apply their classroom work in a supervised employment setting with participating firms in the health care sector. Requirements include: a log of daily activities, oral and written reports to the faculty supervisor and a term paper. In addition, the employer will also submit an evaluation of the student's performance.

Prerequisite(s): HTH 205; junior or senior standing; and permission of faculty supervisor.

HTH 315 Health Care Law, Ethics and Policy 3 Credits

This course analyzes the role of the law in promoting the quality of health care, organizing the delivery of health care, assuring adequate access to health care, and protecting the rights of those who are provided care within the health care system. It will also examine the public policy, economic, and ethical issues raised by the health care system. Students will not receive credit for completing both HTH 315 and BUS 315.

HTH 215 Population Health Care Management 3 Credits

In this course, we study how disease is distributed in populations and of the factors that influence or determine this distribution. This course introduces the basic methods and tools epidemiologists use to study the origin and control of non-communicable and communicable diseases so that policies and mechanisms to enhance the health of populations can be developed.

Prerequisite(s): MSD 205 or MTH 120 or ENV 200 or PSY 201 or BNS 250.

MGT 201 Fund Management & Org Behavior 3 Credits

This course deals with the fundamentals of organizational behavior as they relate to management such as motivation, communications, and leadership. Behavior is examined at the individual, group, and organizational level. The management functions of planning, organizing, leading and controlling are addressed. The effects of global operations and the requirements of ethical behavior on managers are also explored.

Prerequisite(s): minimum 30 credits completed.

MKT 200 Marketing Principles 3 Credits

This course examines market characteristics, consumer buying habits and motives, and functions of marketing within the framework of the strategic marketing planning process. Concepts and current practices in product development, pricing, promotion, distribution, and international marketing are studied.

Prerequisite(s): 15 credits.

PSY 220 Psychological Disorders 3 Credits

This course covers the major forms of psychological disorders from childhood to adulthood. Topics include the etiology of disorders from biological, social, behavioral, cognitive, and cultural perspectives, as well as diagnostic and treatment considerations.

Prerequisite(s): Grade of C or better in PSY 100 or PSY 102 or PSY 110 or PSY 131.

PSY 345 Health Psychology 3 Credits

This course focuses on the biopsychosocial model of health in which biological, psychological and social factors contribute to health and wellbeing, as well as illness and disease. After a brief introduction to systems of the body, i.e. nervous, endocrine, respiratory, cardiovascular, digestive, immune, this course will examine health-enhancing behaviors such as exercise and nutrition, as well as health-compromising behaviors such as drug abuse and other reckless behaviors, along with models that explain behavior maintenance and change. Additionally, attention is devoted to a discussion of how health psychology can function in shaping health care policy.

Prerequisite(s): Grade of C or better in PSY 100 or PSY 102 or PSY 110 or PSY 131 and 45 credits.

PSY 365 Drugs and Human Behavior 3 Credits

Presents the student with an in-depth analysis of the effects of alcohol and selected chemical substances on the behavior and body of the user. Commonly abused substances will be discussed in terms of their history, sources of production, routes of administration, distribution, metabolism and excretion, neurophysiology, tolerance, properties of addiction, withdrawal course and symptoms, and potential beneficial and harmful effects.

Prerequisite(s): Grade of C or better in PSY 100 or PSY 102 or PSY 110 or PSY 131 and 45 credits.

PSY 374 Psychology of the Family 3 Credits

This course examines the significance of family in human development. Using prominent themes of developmental psychology, such as: the role of attachment in forming human relationships, the significance of context in understanding human development, and the resilience of development; this course will explore the existing research on the family. Students are asked to consider their own experiences as members of a family, as well as to understand the variety of ways family impacts development across the lifespan.

Prerequisite(s): Grade of C or better in PSY 100 or PSY 102 or PSY 110 or PSY 131 and 45 credits.

PSY 382 Aging, Brain, and Cognition 3 Credits

This course covers the biological structures and processes underlying cognition in humans and explores modulating factors such as age, sex, disease, stress, and environment. The theoretical and methodological issues of developmental cognitive neuroscience research are addressed. Focus of the course is on brain structure and function in the largest growing segment of our population, persons over the age of 65, and the link between structure and cognitive abilities, both intact and declining. Special attention is paid to those factors related to successful aging and treatments with putative cognitive enhancers.

Prerequisite(s): Grade of C or better in PSY 100 or PSY 102 or PSY 110 or PSY 131 and 45 credits.