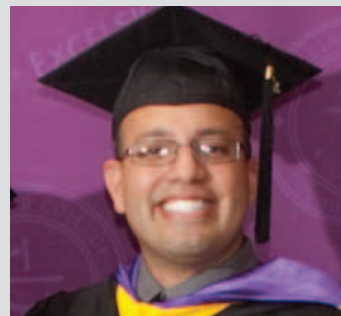




EXCELSIOR COLLEGE

School of Health Sciences Catalog



The Philosophy of Excelsior College

What you know is more important than where or how you learned it.[®]

About Excelsior College

Excelsior College was founded in 1971 as the external degree program of the New York State Board of Regents. In 1998, the Board of Regents granted the College (then known as Regents College) an absolute charter to operate as a private, nonprofit, independent college. As are all accredited colleges in the state, Excelsior College is a member of The University of the State of New York. Today, the College is governed by a board of trustees composed of individuals from across the United States who are prominent in the fields of business, education, government, and the professions.

A leader in online and distance learning, Excelsior College awards degrees at the associate and baccalaureate levels in liberal arts, nursing, business, technology, and health sciences, and at the master's level in liberal studies, nursing, and business. Certificate programs are also offered by the Schools of Business & Technology, Health Sciences, Liberal Arts, and Nursing. More than 148,000 persons have earned degrees from Excelsior College.

Excelsior's student body represents a diverse group of adult learners.

- The average age of an Excelsior student is 39; about 59 percent are female, 41 percent are male.
- More than one-third of our enrolled students are from groups historically underrepresented in higher education.
- More than one-third of our students are active-duty or reserve military personnel or veterans.
- Thirteen percent of our students come from New York State; the remaining are from the rest of the United States and other nations.

The faculty of Excelsior College, both full-time and adjunct, are drawn from many colleges and universities as well as from industry and the professions. They teach our courses, establish and monitor academic policies and standards, determine degree requirements and the means by which credit may be earned, develop the content for all examinations, and recommend degree conferral to the Excelsior College Board of Trustees.

The Mission of Excelsior College

Excelsior College provides educational opportunity to adult learners with an emphasis on those historically underrepresented in higher education. The College meets students where they are—academically and geographically, offering quality instruction and the assessment of learning.

Vision Statement

Excelsior College aspires to be a model university for the 21st century.

- Excelsior will be a provider of choice for those who pursue their educational goals in a flexible, individualized manner.
- Excelsior will continue to serve as a cost-effective stimulus for

lifelong learning and individual achievement, advocating the assessment of learning and aggregation of credit.

- Excelsior will be recognized as an ideal academic collaborator and as a valuable partner in addressing societal and workforce needs.

Accreditation

Excelsior College is accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, PA 19104, telephone: 267-284-5000. The Middle States Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation.

The associate, bachelor's, and master's degree programs in nursing at Excelsior College are accredited by the National League for Nursing Accrediting Commission (NLNAC), 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, telephone: 404-975-5000. The NLNAC is a specialized accrediting agency for nursing recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation (CHEA).

The bachelor's degree programs in electrical engineering technology and nuclear engineering technology are accredited by the Engineering Technology Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202, 410-347-7700; www.abet.org. ABET is a specialized accrediting agency recognized by the Council for Higher Education Accreditation (CHEA).

Excelsior College has received specialized accreditation for its business programs through the International Assembly for Collegiate Business Education (IACBE), 11374 Strang Line Rd., Lenexa, KS 66215; 913-631-3009; www.iacbe.org. The IACBE is a specialized accrediting agency recognized by the Council for Higher Education Accreditation (CHEA). The business programs in the following degrees are accredited by the IACBE: Bachelor of Science in Accounting (NYS CPA track) and Bachelor of Science in Business.

All the College's academic programs are registered (i.e., approved) by the New York State Education Department.

Recognition

The Master of Arts in Liberal Studies program has been accepted into full membership by the Association of Graduate Liberal Studies Programs (AGLSP).

The American Council on Education's College Credit Recommendation Service (ACE CREDIT) has evaluated and made college credit recommendations for Excelsior College Examinations.

The National League for Nursing (NLN) has designated the Excelsior College School of Nursing as a Center of Excellence in Nursing Education, 2011–2016. This distinction has been awarded in recognition of the College's sustained achievements in creating environments that promote student learning and professional development and it is the third consecutive designation the School has received since the NLN began the program in 2005.

Individual State Registration/Authorization Disclosure

Minnesota: Excelsior College is registered as a private institution with the Minnesota Office of Higher Education pursuant to sections 136A.61 to 136A.71. Registration is not an endorsement of the institution. Credits earned at the institution may not transfer to all other institutions.

Florida: Additional information regarding Excelsior College may be obtained by contacting the Commission for Independent Education, 325 West Gaines Street, Suite 1414, Tallahassee, Florida 32399-0400.

School of Health Sciences Catalog Addendum

effective January, 2014

Important Addition to the School of Health Sciences Catalog, January 2014 Edition

Master of Science in Health Sciences

The MS in Health Sciences (MSHS) program is designed to help students develop advanced knowledge and skills in health care. It is composed of an 18-credit core and a 15-credit area of specialization. The required core courses will help students develop critical competencies that cut across various areas in the health sciences discipline, including communication, ethical reasoning, and leadership. The core also provides foundational knowledge in research, health care policy, and statistics. There are four areas of specialization for students to choose from: health professions education, public health, health care informatics, and a no-specialization option.

The health professions education specialization was created specifically to meet the growing need for careers in an allied health field. Designed for practicing health professionals who desire to move into a faculty role within their profession, the MS in Health Sciences health professions education specialization allows students to build upon existing knowledge and competencies gained from professional experiences and previous coursework. This specialization will also help develop skills in classroom and clinical instruction, assessment and evaluation, and curriculum development.

A specialization in health care informatics provides students with a global perspective of information systems while also examining on a more granular level topics such as the importance of electronic medical records, decision support, privacy and security of information, and the overall impact of health care informatics on the health care delivery system. Through this learning, students will develop a variety of skills to include: information management system design and evaluation; critical thinking of system solutions, and the implementation of systems.

The flexible area of no-specialization focuses on the student with previous graduate-level coursework and the student who prefers to combine a variety of graduate-level health science-based courses to establish a unique area of focus.

The public health specialization was designed for students with an interest in a career field such as health policy, health education, community health, and health administration. Students will focus on the 3 P's of public health—protect, prevent, and promote—and will develop skills in program design and evaluation, statistical methods, and public health interventions.

Policies Specific to the MSHS

The Excelsior College [Student Policy Handbook](#) is your resource for understanding the academic and administrative policies that are important to your academic success. It includes a wide range of information from important policies, including your right to privacy, to grading policies and policies and procedures concerning refunds, withdrawals, and other administrative issues. It is your responsibility to be familiar with these policies.

Policies and procedures that apply specifically to the MSHS program are listed below. File your handbook with this program catalog and your other important academic papers for easy reference.

Admission Policy

Students with a bachelor's degree from an accredited institution may be admitted into the Excelsior College MSHS program. Students applying to the Health Professions Education specialization must include with their application materials the following:

- If you are pursuing the **Health Profession Education specialization**, you are required to submit an official transcript confirming completion of an allied health program. If this program was not completed at the bachelor's level, then you also need to submit an official transcript that confirms completion of your bachelor's degree. In addition, you must provide documentation that you are eligible to practice in an allied health profession in your state of residence. (This may include a license or certification).

Acceptance of Transfer Credit

Previously completed graduate-level coursework may be used to satisfy the requirements of the MSHS program if approved by the School of Health Sciences faculty. Graduate-level coursework being considered for transfer into one of the areas of specialization must have been completed within seven years of the date of enrollment. Students may transfer up to 18 credits. A minimum grade of B is required for any approved graduate course accepted for transfer credit.

Maximum Time to Complete the MSHS Program

Students pursuing the MSHS have a maximum of seven years from the date of enrollment to complete the program.

Grade Point Average

Excelsior College requires an overall 3.0 cumulative GPA for completion of the MSHS program. No more than two Excelsior College courses with C grades can be applied toward the degree: these C grades must be offset by A grades in other Excelsior College courses. Refer to the **Student Policy Handbook** for complete information.

Application Process

You are required to apply for admission into the Excelsior College MSHS program. Visit our website at www.excelsior.edu/apply to apply online or to download the Graduate Application for Admission form. Return the completed form to Excelsior College with the nonrefundable application fee. Please submit an official college transcript verifying completion of a baccalaureate degree along with official transcripts of any graduate-level study you wish to be considered for transfer toward the MSHS requirements. Upon review of the transcripts and application, if qualified, you will receive an admittance letter and acceptance form.

Program Content and Requirements

Enrolled MSHS students work with the academic advisors in the School of Health Sciences to make degree plans that meet student needs and conform to the academic policies and course requirements of the program. The program is designed to be flexible and ensure student success. The School of Health Sciences academic advisors help students determine appropriate options for fulfilling course requirements that meet their academic and career objectives, preferred learning styles, and current lifestyles. We believe this diversity of educational alternatives makes our program unique and helps to ensure that graduate health science education alternatives are provided to populations traditionally underserved by higher education.

MSHS Program Outcomes

1. Demonstrate proficiency in using multiple strategies of communication to convey complex thoughts and ideas;
2. Use research findings to explain and direct the resolution of practice-related issues and challenges;
3. Apply leadership skills in managing people and programs;
4. Analyze issues and challenges, including new and emerging trends within the health care industry, using an ethical framework; and
5. Use knowledge of health care policy and delivery systems to guide professional practice.

Students who complete a specialization in Health Professions Education, Public Health, or Health Care Informatics will also be able to:

6. Implement specialized knowledge and skills in an advanced practice role.

Program Requirements 36 credits

Graduate Health Science Core: 18 credits

HSC 500: Graduate Research and Writing 3 credits

Prerequisites: None

Students learn to succeed in a graduate program by improving research skills, writing research papers, and formatting a graduate paper or thesis. A focus on information literacy allows the student to successfully retrieve and work with electronic documents and to conduct research with digital collections of information resources.

HSC 510: Health Care Policy, Politics, and Power 3 credits

Prerequisites: None

This course will provide instruction in the core elements of health policy analysis: problem definition; background; political, economic and social landscape; development of policy options; and recommendations. Emphasis is placed on the critical role of health care managers in the policy-making arena. The course will give students substantive knowledge of the federal policy-making process and key issues in health policy. An important focus of the course is an assessment of the role of policy analysis in the formation and implementation of national, state, and local health policy. Because much of the government health policy relates to or is implemented through payment systems, there is substantial discussion of the policy implication of how government finances and pays for health care. Proposals for health policy reform at the national and local level are examined throughout the course, with an emphasis on Medicare and Medicaid reforms currently being implemented or considered, as well as efforts to respond to disparities in health outcomes for vulnerable populations.

HSC 518: Ethics & Health Care 3 credits

Prerequisites: None

This eight-week course provides graduate students in the Health Sciences with an introduction to and overview of contemporary issues in health care ethics. Students will explore the complexities of health care ethics within the context of the rapidly changing health care environment, technology, the globalization of health, and the environment of scarce resources. Topics to be covered

include ethical theories and principles, defining and recognizing an ethical dilemma, the differences between bio-medical ethics and organizational ethics, the ethics of new technologies in health care, resource allocation, the diversity of human values and the ethics of individual responsibility for health. The course considers the nexus between ethics and health care across the entire continuum of health systems and across all health-related disciplines.

HSC 560: Health Care Delivery Systems 3 credits

Prerequisites: None

This course will provide instruction in the core elements of health policy development and analysis while helping students to grasp an understanding of why health care policy is so burdened with the baggage of legislator power struggles. This will include the forging consensus of the Office of Management and Budget and Congressional Budget Office to the debate of every last detail by the lobbyists of the American Medical Association and the insurance companies. Emphasis is placed on the critical role of health care managers in the policy-making arena.

HSC 580: Research & Applied Statistics 3 credits

Prerequisites: None

This course offers the student opportunities to explore contemporary research methods (quantitative, qualitative, and computer-based) and analyses for problem solving and critical decision making in health care settings. Students will critically analyze studies as well as explore research methods for answering key health care challenges such as quality improvement and health care access.

HSC 552: Leadership 3 credits

Prerequisites: Knowledge of Organizational Behavior

This eight-week course focuses on the leadership process within the broad context of organizational dynamics. It explores leadership from four different perspectives: the leader; the follower; the situation; and leadership skills. Theories, concepts, and models are applied to workplace situations. Note that 8-week courses have the same content as 15-week courses but in a condensed schedule. Please plan accordingly.

Health Professions Education Specialization Requirements:	15 credits
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HSC 600: Principles of Teaching and Learning	3 credits
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Prerequisites: None

This course provides students with a comprehensive overview of concepts and theories that explain how and why people learn. Through the use of readings, multimedia, and reality-based exercises, students will explore the complex and multifaceted manner in which people learn. Students will also have the opportunity to apply selected theories and concepts to various learning experiences.

HSC 610: Assessment of Learning in the Classroom and Clinical Setting	3 credits
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Prerequisites: None

Assessment of learning is a fundamental role of the educator. This course is designed to introduce students to key concepts related to assessment of learning and provide them with the skills that will enable them to develop appropriate measures for learning outcomes. Learning activities in this course will provide students with opportunities to practice developing and implementing assessment strategies.

HSC 620: Teaching with Technology in the Health Professions	3 credits
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Prerequisites: None

In this graduate-level course, the student will learn the use of technology in the classroom and virtual environments, which has become mainstream in education. The course provides students with an overview of existing technologies and opportunities to develop skills in selected areas. It will cover the use of technology for both assessment and instruction.

HSC 630: Classroom and Clinical Instruction	3 credits
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Prerequisites: None

This course explores the instructional role of faculty in a variety of settings. During the course, students will have the opportunity to learn skills that will enhance their effectiveness in actual and virtual learning environments. Students will also explore various evaluation strategies that can be used to improve instructional performance.

HSC 640: Curriculum Development	3 credits
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Prerequisites: None

Skill in curriculum development is essential for allied health faculty, as curriculum serves as the bridge to practice. This course is designed to introduce students to curriculum as a process and a product. During the course, students will have the opportunity to develop the skills necessary for formulating and evaluating curricula that is responsive to the needs of the profession and the society it serves.

**Public Health Specialization
Requirements:**

15 credits

PBH 592: Biostatistics

3 credits

Prerequisite: Course approval

To succeed in the broad practice of public health, it is necessary to equip future public health professionals with ability to understand and apply basic statistical methods that are commonly used in the design and analysis of biomedical and public health investigations. The major topics covered include types of data, study designs, probability, hypothesis testing, power and sample size. An emphasis will be placed on applying the appropriate statistical methods and subsequent interpretation.

**PBH603: Behavioral Health
and Social Environment**

3 credits

Prerequisite: None

This course examines theories, concepts, and models from social and behavioral sciences as they serve as the basis for health education and public health interventions on a variety of levels. Beyond the individual level, interventions at the interpersonal and community level are developed. The emerging use of technology and social media in behavioral health interventions is also explored.

PBH 604: Introduction to Epidemiology 3 credits

Prerequisite: None

The science of epidemiology is essential in planning disease prevention interventions, developing an understanding of disease transmission, identifying trends in morbidity and mortality, and providing a basis for the development of public health policy. This course will serve as an introduction to the concepts and methods of epidemiology. Students will explore factors related to the etiology and distribution of illness in populations, including exposure, transmission, and prevention. Methodologies used in surveillance techniques will also be introduced and explored.

PBH 609: Critical Issues in Public Health 3 credits

Prerequisite: None

This course examines emerging population-based issues, changing public and health policy, and contemporary global health concerns as they impact the role of public health practice, particularly at the local and state level. Topics are designed to challenge the student to critically examine new areas in public health and reflect on the implications of the dynamic health care system for populations.

**PBH 613: Program Planning
and Evaluation for Public Health**

3 credits

Prerequisite: None

This course critically examines the history and development of health promotion programs as it impacts the health of populations. A major focus is to shape skills in designing, implementing, and evaluating programming which addresses cultural, psychological, and behavioral factors as they relate to health. Foundational theories as they relate to the development of health promotion programs in a variety of settings and at a range of levels will be addressed.

PBH 647: Vulnerable Populations 3 credits

Prerequisite: None

This course seeks to broaden an understanding of health beyond the individual level and examines system inequality and disparities in health in their contribution toward vulnerable populations. Selected theories and models for alleviating vulnerability are explored. Skills for the provider are also investigated.

**Health Care Informatics
Specialization Requirements: 15 credits**

**HINF 521: Data, Information,
and Knowledge 3 credits**

Prerequisite: None

Data, Information, and Knowledge is designed to provide students with an opportunity to examine, in depth, these three concepts. They are fundamental to the field of informatics. Data, Information, and Knowledge focuses on the nature of data, the concepts of information and knowledge, and the principles of relational databases, systems operations, and information systems. Through course readings, exercises, and faculty feedback, students will build upon basic knowledge of the data information and knowledge continuum. This knowledge will be used to design and create a simple database in response to an identified health care problem. This course is interdisciplinary in nature and is open to graduate-level students from any of the health sciences disciplines. This is a 15-week course.

**HINF 522: Informatics and the
Health Care Delivery System 3 credits**

Prerequisite: None

This course is designed to introduce students to the field of health care informatics. It focuses on the history of health care informatics, basic informatics concepts and health information management applications. During the course students will compare and interact with information management applications related to administration, education, practice, and research. This is an 8-week course.

HINF 551: Systems Life Cycle 4 credits

Prerequisite: None

This course focuses on a structured approach to the selection, implementation, and ongoing support of an information system. This structured approach is called the information system development life cycle. The course incorporates four modules corresponding to the five phases of the life cycle: planning, analysis, design, implementation, and evaluation. This is a 15-week course.

HINF 555: Knowledge Representation 2 credits

Prerequisite: None

This course focuses on fundamentals of knowledge representation. Data standards, terminologic systems, and concept representation are discussed as components of knowledge systems. Recognized terminologies and classifications for health care data storage and retrieval are presented. Models for representing health care activities in concept-oriented terminologic and computer-based systems are introduced.

**NUR 680: Management Information
for Decision Support 3 credits**

Prerequisite: Course approval

This course focuses on the identification, acquisition, analysis, interpretation, and application of data, databases, and decision-making strategies for healthcare.

No-Specialization Requirements: 15 credits

Students are required to complete a compilation of graduate-level coursework from health science fields. This will include Excelsior College graduate courses as well as approved courses transferred in from other institutions.

HSC 660: Health Sciences Capstone 3 credits

Prerequisites: Students need to have completed at least 30 credits of the program.

This course requires the student to synthesize and apply knowledge acquired throughout the graduate program. Students will demonstrate the competencies required for advanced practice roles through varied assessments that address current or emerging practice-based as well as system-based issues in health care.

Master of Science in Health Sciences

Total Degree Credits Required: 36

MSHS

Core

**Credit
Hours**

Graduate Research and Writing

3

Health Care Policy, Politics, and Power

3

Ethics and Health Care

3

Health Care Delivery Systems

3

Research and Applied Statistics **or** Biostatistics*

3

Leadership

3

Total Core Credits

18

Specializations (Select One)

No Specialization

HS electives

**Credit
Hours**

15

Public Health

Critical Issues in Public Health

Epidemiology

Behavioral Health

Program Development and Evaluations

Vulnerable Populations

15

Health Professions Education

Principles and Theories of Learning

Assessment and Evaluation

Technology Application in Education

Classroom and Clinical Instruction

Curriculum Development

**Credit
Hours**

15

Health Care Informatics

Informatics and the
Health Care Delivery System

Data, Information, and Knowledge

Systems Life Cycle

Knowledge Representation

Decision Support

15

Total Credits

15

Capstone

**Credit
Hours**

MS in Health Sciences Capstone

3

* Biostatistics required for the Public Health specialization



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recycled wood or fiber
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School of Health Sciences

A Message from the Dean

Dear Student:

Congratulations on your decision to continue your education.

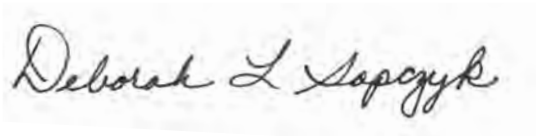
The Excelsior College School of Health Sciences provides many opportunities for health professionals and others interested in entering the health care arena to earn a college degree or certificate. This is an exciting time in health care. Our aging population, health care reform, advances in technology, and initiatives on quality and safety have resulted in tremendous growth within the industry. These new opportunities have increased the demand for a highly skilled and credentialed health care workforce. The time to earn a degree or certificate, or simply update knowledge and skills through an online course, has never been better.

Excelsior College provides a flexible way to progress toward your educational goals while balancing the demands of work and family. That is our goal as an institution. Since 1971, Excelsior College has helped more than 148,000 students achieve their dreams—whether that includes a college degree, a certificate, or personal development. Students within the School of Health Sciences use the convenience and flexibility of Excelsior College online courses and examinations as a key to their success. Combined with the many support services designed for the adult learner that we make available, our courses and examinations make earning a college degree or certificate a reality.

Among other things, this catalog provides a detailed description of the programs and courses offered by the School of Health Sciences. We encourage you to review this catalog and contact us if you have any questions. The faculty, academic advisors, and staff of the School of Health Sciences are committed to helping you achieve your educational goals and welcome the opportunity to work with you.

Thank you for choosing the Excelsior College School of Health Sciences.

Best wishes for your success!

A handwritten signature in black ink that reads "Deborah L. Sopczyk". The signature is written in a cursive style with a large, stylized 'D' and 'S'.

Deborah L. Sopczyk, PhD, RN
Dean, School of Health Sciences

LIMITATIONS

Information in this catalog is current as of February 2013, and is subject to change without advance notice.

CHANGES IN COLLEGE POLICIES, PROCEDURES, AND REQUIREMENTS

The College reserves the right to modify or revise the admission requirements of any program of the College; degree and graduation requirements; examinations, courses, tuition, and fees; and other academic policies, procedures, and requirements. Generally, program modifications and revisions will not apply to currently enrolled students so long as they actively pursue their degree requirements. However, in the event that it is necessary to make program changes for enrolled students, every effort will be made to give notice. It is also the responsibility of students to keep themselves informed of the content of all notices concerning such changes.

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Excelsior College maintains a drug-free workplace and is a drug-free school, as provided by the Federal Drug-Free Schools and Communities Act Amendments of 1989.

Excelsior College does not discriminate on the basis of age, color, religion, creed, disability, marital status, veteran status, national origin, race, gender, or sexual orientation in the educational programs and activities which it operates. Portions of this publication can be made available in a variety of formats upon request.

Campus Crime Statistics can be found at the following website: <http://ope.ed.gov/security>.

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Important: It is important for you to keep us informed of your current contact information, so we can reach you. You can update your address, phone numbers, fax number, and email preference on our website, through your MyExcelsior user account, or you can call us with this information.

www.excelsior.edu/
MyExcelsior

Important Information for All Students

Student Policy Handbook

The Excelsior College *Student Policy Handbook* is your resource for understanding the academic and administrative policies that are important to your academic success. It includes a wide range of information from important federal policies, including your right to privacy, to grading policies and policies and procedures concerning refunds, withdrawals, and other administrative issues.

It is your responsibility to be familiar with these policies. The term “students” includes those currently matriculated at Excelsior College taking examinations and/or courses, non-matriculated students taking examinations and/or courses, non-matriculated students in the application process, individuals using the OneTranscript® service (formerly Credit Bank), formerly matriculated students currently in withdrawn status, and graduates.

Policies and procedures that apply only to a specific degree program are listed in the appropriate school catalog. You may download a copy of the *Handbook* from our website. File your *Handbook* with your other important academic papers and this program catalog for easy reference.

Standardized Testing Participation

Students have a responsibility to participate in standardized tests (an example is the “Proficiency Profile” published by Educational Testing Services) that may be required during the period of their enrollment. These tests may be in addition to regular coursework and are required to gather critical information on achievement of student learning. Students are expected to actively participate and make every effort to do their best on these assessments to produce scores that accurately reflect their abilities. The results from these assessments will not be part of the course grade but are crucial for the purpose of program improvement and are frequently required by regulators and accreditation agencies. Participation in these assessments con-

tributes toward increasing the value of the degree by providing evidence of student learning to external organizations, employers, and the general public.

Excelsior College Website

Through the College’s website, you have access to a wealth of information to help you succeed as a student. If you haven’t already done so, create a MyExcelsior user account. It will serve as your gateway to a variety of support services and is where you will find up-to-date information tailored to your specific academic program as well as general announcements from the College.

General Education Outcomes for All Undergraduate Degree Programs

Each undergraduate degree program has a strong arts and sciences component designed to help you develop a broad-based understanding of multiple disciplines, provides a breadth of academic experience to enrich your life, and allows you to become more informed and engaged as a citizen and a lifelong learner in an increasingly complex and changing world. This arts and sciences component, offered in a delivery model of flexibility, quality, and accessibility that is based on adult learning theory, helps you to integrate knowledge from multiple sources and experiences in diverse ways of knowing. These guiding principles have thus formed the six learning goals for General Education at Excelsior College.

1. **Communication and Oral Expression.** Excelsior students will be able to express themselves effectively in English, both orally and in writing, and with clarity, persuasiveness, and coherence using standard conventions of English.
2. **Mathematics and Scientific Method.** Excelsior students will utilize scientific reasoning and basic mathematical calculations in problem solving in their public discourse.

3. **Information Literacy.** In this age of information proliferation due to rapid technological advances, students will have to learn to discern information critically. They will have to learn to identify the amount and type of information needed, to understand where to locate and effectively access that information, evaluate the source of the information, and use it as per legal and ethical considerations.
4. **Human Thought and Creativity.** Excelsior students will be able to explain, interpret, critique, create, or perform works of human creativity at an informed level.
5. **Diversity and Global Understanding.** Excelsior students will have an understanding and appreciation of the complexities of diversity and will be able to interact effectively with people from backgrounds and cultures different from their own. They will have gained a global perspective that is grounded in the issues, trends, and opportunities that connect nations and communities around the world. They will challenge their own sense of “self” vis-à-vis an understanding of those with different thoughts, beliefs, traditions, behaviors, and understandings.
6. **Social Responsibility and Civic Engagement.** Excelsior students will acknowledge the importance of social responsibility and civic engagement and the behaviors that support these beliefs.

For more information on the General Education goals and outcomes, visit:

www.excelsior.edu/gened

Technology Literacy

Excelsior College Definition of Technology Literacy [Based on State Educational Technology Directors Association (SETDA)]

Excelsior College defines technology literacy as the ability to identify and responsibly use appropriate technology to communicate, solve problems, and access, manage, integrate, evaluate, and create

information to improve learning. This will facilitate the ability to acquire new knowledge for lifelong learning in the 21st-century global workplace.

Baseline Technology Skills and Resources

1. Prior to being admitted to Excelsior College, all students should be knowledgeable in the use of a personal computer (Windows or Macintosh). Entering students should have the ability to
 - use a personal computer,
 - use office automation programs to create, edit, store and print documents,
 - use electronic communication tools, and
 - search and retrieve information from electronic resources to complete assignments and activities.
2. Students must have reliable access to a computer with Internet connectivity.
3. Student's computer and operating system must meet the minimal technical requirements as noted in the Excelsior College Computer System Requirements (www.excelsior.edu/system-requirements).
4. Students must be able to utilize required software applications.
5. Students need to utilize the Excelsior College website to access information, resources, and the Message Center, and to participate in activities. See the Excelsior College Electronic Use policy (www.excelsior.edu/electronic-use-policy).
6. Students are required to conduct themselves appropriately and professionally at all times, including online.

About Test Preparation and Tutorial Services

Preparation for Excelsior College® Examinations, though based on independent study, is supported by Excelsior College with a comprehensive set of exam learning resources and services designed to help you succeed.

These learning resources are prepared by Excelsior College so you can be assured that they are current and cover the content you are expected to master for the exams. These resources, and your desire to learn, are usually all that you will need to succeed.

There are test-preparation companies that will offer to help you study for our examinations. Some may imply a relationship with Excelsior College and/or make claims that their products and services are all that you need to prepare for our examinations.

Excelsior College is not affiliated with any test preparation firm and does not endorse the products or services of these companies. No test preparation vendor is authorized to provide admissions counseling or academic advising services, or to collect any payments, on behalf of Excelsior College. Excelsior College does not send authorized representatives to a student's home.

Depending upon your individual learning style and needs, you may consider using the services and products of a test preparation vendor to help you prepare for an Excelsior College Examination. Some students have found such materials beneficial while others have not. The decision to purchase the services and products of any of these vendors is entirely up to you.

Excelsior College does not review the materials provided by test preparation companies for content or compatibility with Excelsior College Examinations.

To help you become a well-informed consumer, we suggest that you consider the following before making any purchase decision regarding study materials provided by organizations other than Excelsior College.

Does the company:

- Clearly articulate that it is an independent business enterprise, separate from Excelsior College, and that it is not a degree-granting institution?
- Clearly inform you that the products and services it provides have not been reviewed, nor are they endorsed, by Excelsior College?
- Openly indicate that it is not an agent of Excelsior College, that it is not authorized to provide admissions counseling or academic advising regarding Excelsior's degree requirements, and that all its costs and fees are separate from those you will pay to the College?
- Have a record of unresolved complaints/disputes with consumer protection agencies, nursing boards, attorneys general offices, or other similar organizations?
- Require clients to commit to long-term, binding contracts to access its products and services?
- Provide data to substantiate the satisfaction of its clients with its products and services?

www.excelsior.edu/testprep

Mission Statement

The mission of the Excelsior College School of Health Sciences is to provide distance education opportunities for health and human services professionals through flexible programs of study that reflect current and emerging trends, innovative practices, and global perspectives.

This mission will be accomplished by:

- providing both disciplinary-specific and interdisciplinary certificate, undergraduate, and graduate degree programs that foster a spirit of inquiry, interdisciplinary collaboration, and commitment to excellence in practice.
- offering curricula that promote culturally competent care and high quality outcomes.
- responding creatively to workforce needs for health and human services professionals.
- promoting and maintaining best practices in distance education and competency-based evaluation.
- providing access for individuals who reside in medically and educationally underserved areas.

Admission Requirements

All undergraduate degree programs in the School of Health Sciences are open-enrollment; however, in order to enroll, each student must submit an undergraduate application to the College. Graduate certificate and degree programs require a baccalaureate degree from a regionally accredited U.S. institution or the equivalent. When submitting the application, include all applicable documents, such as official transcripts, military documents, score reports, and copies of licenses that may qualify for credit toward your degree.

Maximum Credit Awarded for Licenses and Certifications for Health Sciences Degrees

License or Certification	Maximum Credit Awarded			Required
	BS Health Sciences	BS Health Care Management	BS to MBA	
Licensed Radiologic Technologist	32	17	17	State License
Licensed Nuclear Medicine Technologist	32	17	17	State License
Licensed Radiation Therapist	32	17	17	State License
Registered Nurse	30	20	20	State License
Licensed Practical Nurse	26	20	20	State License
Licensed Massage Therapist	26	17	17	State License
Certified Pharmacy Technician	24	17	17	Certification Card from National Pharmacy Technician Certification Board (PTCB)



The Excelsior College School of Health Sciences offers the following programs:

- Bachelor of Science in Health Sciences
 - Bachelor of Science in Health Care Management
 - Bachelor of Science in Health Care Management
to Master of Business Administration
(dual degree track program)
 - Graduate Certificate in Health Care Informatics
-

Your Personalized MyExcelsior Account:

www.excelsior.edu/MyExcelsior

Admissions: toll free 888-647-2388, ext. 27

School of Health Sciences Advising Team:

toll free 888-647-2388, ext. 137

www.excelsior.edu/MessageCenter (enrolled students only)

College Publications, Applications, and Forms:

www.excelsior.edu/publications

Student Policy Handbook:

www.excelsior.edu/StudentPolicyHandbook

Fee Schedules, Financial Aid, and Scholarships:

www.excelsior.edu/fees

www.excelsior.edu/FinancialAid

www.excelsior.edu/scholarships

Excelsior College Learning Resources:

www.excelsior.edu/library

www.excelsior.edu/bookstore

www.excelsior.edu/MyExcelsior, click on the Resources tab

Student Online Success Guide:

www.excelsior.edu/SuccessGuide

Excelsior College Online Writing Lab (OWL):

www.excelsior.edu/OWL

Free Writing Resources:

Online software skills training through Atomic Learning

(Excelsior course and exam registrants only),

Online tutoring services through SMARTTHINKING™

(Excelsior College® Examinations registrants only)

www.excelsior.edu/MyExcelsior, click on the Resources tab

Excelsior College Community Resources:

www.excelsior.edu/MyExcelsior, click on Communities tab

Bachelor's Degree Programs in Health Sciences

Our flexible, online health sciences programs allow students the opportunity to earn their degrees while balancing work and family responsibilities. Along with a generous policy on transfer credit, students can use Excelsior College online courses, Excelsior College® Examinations, and other approved credit sources to complete degree requirements.

Choose from

- a Bachelor of Science in Health Sciences with area of emphasis in end-of-life care, gerontology, health and wellness, health education, management, or public health;
- a Bachelor of Science in Health Care Management for those specifically interested in moving into management roles in health care;
- or the dual degree, Bachelor of Science in Health Care Management to Master of Business Administration, which offers the option of completing both degrees together, developing managerial knowledge and skills necessary to meet the increasing business demands of today's health care arena.

Requirements for *All* Degree Programs

Written English Requirement (WER)

Students are required to demonstrate competence in expository writing in English by completing one of the following for the associate degree and two of the following for the bachelor's degree:

1. Examination

- Excelsior College® Examination, [ENGx111 English Composition] (fulfills the requirement for associate and bachelor's degrees)
- UExcel® examination, [ENGx110 College Writing] (fulfills the requirement for the associate degrees; partially fulfills the requirement for the bachelor's degrees)
- Advanced Placement (AP) English Examinations (fulfills the requirement for the associate and bachelor's degrees)

Note: Excelsior College does not accept the CLEP General Examination in English Composition with Essay toward this requirement.

2. College coursework:

Successful completion of one college course (minimum 3 semester- or four quarter-hour credits; minimum grade of C) from one of the following options for the associate degrees, and from two of the following options for the bachelor's degrees:

- Expository writing courses such as Excelsior College's **ENG 101 English Composition**, **ENG 201 Writing for the Professions**, or **MLS 500 Graduate Research and Writing** (some restrictions apply).
- Two institutionally designated writing-intensive, writing-emphasis courses.
- Two applied writing courses. The applied writing courses must focus on different applications of the writing process.

Note: Coursework must be from an English-speaking institution. English as a Second Language courses may not be used to satisfy this requirement.

3. Statement of Equivalency: Submission of an official statement from a regionally accredited institution, from which transfer credit is being accepted, verifying satisfactory completion of the student's writing requirement. The statement must reflect whether the institution had a one-course or two-course writing requirement in effect at the time of the student's matriculation.

4. Noncollegiate-sponsored instruction: Successful completion of a noncollegiate-sponsored instructional writing course or program that has been evaluated by either the New York State Board of Regents National College Credit Recommendation Service (formerly National PONSİ) or the American Council on Education Center for Adult Learning and Educational Credentials (ACE CREDIT), and contains a recommendation of at least 3 semester-hour credits for the course; this course must contain an actual assessment of the student's competence in expository writing in English.

A maximum of two semester courses or three quarter courses of credit in English composition/freshman English courses will apply toward degree requirements. Courses or examinations used to fulfill the written English requirement may not be used to satisfy the humanities requirement.

Humanities Requirement

Students seeking a bachelor's degree must complete a minimum of 2 semester hours in the humanities with a minimum grade of C. For health sciences degrees, this requirement is fulfilled by the ethics requirement.

Information Literacy Requirement

Students are expected to demonstrate competency in information literacy. The standards, performance indicators, and outcomes for this requirement were selected from the Association of College and Research Libraries (ACRL) Information Literacy Competency Standards for Higher Education. Competency will be assessed through a one-credit pass/fail course offered online by Excelsior College

[INL 102 Information Literacy] or through successful completion of an approved course taken at a regionally accredited college covering comparable content.

The information literate student will be able to

- determine the nature and extent of the information needed.
- access needed information effectively and efficiently.
- evaluate information and its sources critically.
- incorporate selected information into their knowledge base and value system.
- understand many of the economic, legal, and social issues surrounding the use of information.
- access and use information ethically and legally.

For students enrolled on or after January 1, 2013, the information literacy requirement must be completed within the first 13 Excelsior College credits attempted. Students seeking additional information should check the Excelsior College website or consult with their academic advising team.

Academic Advising and Program Planning

The academic advising staff is here to assist and support you as you plan and move through your degree requirements. You may reach your academic advisor through the Message Center in MyExcelsior or by calling the School of Health Sciences. You should plan carefully and consult with your academic advisor about the examinations and courses that will fulfill your degree requirements. We recommend that you obtain prior approval from your advisor before registering for an examination or course to ensure it will apply toward your degree.

When choosing courses to meet the arts and sciences requirements, consider those that fit into your future plans. If a graduate program is part of that plan, consult the admissions office at the graduate school(s) you are considering and discuss requirements and policies; request information for further review and comparison.

BS

Baccalaureate
Degree Programs

Excelsior College Academic Advising Mission Statement

We, as Excelsior College professional academic advisors, actively engage and support our students in the development and achievement of their academic, career, and personal goals.

Excelsior College Academic Advising Values

Our academic advising community is dedicated to:

- **Empowering** students as lifelong learners;
- **Building** a collegial environment of mutual trust and respect;
- **Providing** quality student service;
- **Inspiring** student success.

Bachelor of Science in Health Sciences

The Bachelor of Science in Health Sciences program is designed to meet the educational needs of health care workers seeking a bachelor's degree. This program affords students an opportunity to apply credits already earned toward an associate or bachelor's degree to acquire a credential needed for graduate school admission, promotion, job expansion, and job mobility. The curriculum will not only provide students with a broad background in health care, the health care system, and the arts and sciences; it will also give them an opportunity to develop knowledge and skills in one of the six areas of emphasis—management, gerontology, health and wellness, health education, public health, or end-of-life care.



Baccalaureate
Degree Programs

Important Note: You are subject to the degree requirements in effect at the time of your enrollment or program/degree transfer (program transfer refers to change from one school to another; degree transfer refers to changing degrees within the same school).

The faculty reserves the right to make changes in curricular requirements as necessary to reflect current professional practice. Changes may affect both enrolled and prospective students. It is your responsibility to keep informed of such changes. We make every effort to inform you of changes as they occur. Current information about degree requirements is posted on our website. Information about changes to degree requirements is also made available on our website.

Program Outcomes

At completion of the program, the graduate will be able to:

1. Demonstrate leadership skills within organizations and evolving health care systems.
2. Identify and evaluate evidence to guide decision making.
3. Use a systematic approach and higher order thinking in responding to health care issues and societal needs.
4. Integrate knowledge of culture and an appreciation for diversity in planning and evaluating health care.
5. Implement evolving technologies in the planning, implementation, and evaluation of health care.
6. Incorporate multiple strategies of communication to establish collaborative relationships with clients, members of the multidisciplinary team, and other stakeholders.
7. Analyze legal, ethical, and policy issues within health care delivery systems.
8. Implement specialized knowledge and skills in the management and delivery of health care services.
9. Demonstrate a commitment to lifelong learning in pursuit of excellence in the practice of a health care profession.

Note: Throughout this catalog the term “credits” is used to indicate semester hours. Quarter hours are converted to semester hours by multiplying quarter-hour values by two-thirds.

CHART 1

Bachelor of Science in Health Sciences

Total Degree Credits Required: 120

BS

Arts and Sciences Component

Credit Hours

Written English Requirement

6

Humanities

must include 2 credits in ethics

9

Social Sciences and History

9

Math/Natural Sciences Requirement

must include 2 credits in statistics and 2 credits in the natural sciences

9

Arts and Sciences Electives

27

Total Arts and Sciences

60

Health Sciences Component

Credit Hours

Health Sciences Core

HSC 310 Writing and Communication in the Health Science Professions

3

HSC 320 Health Care Issues in Culturally Diverse Populations

3

HSC 365 Research for Evidence-Based Practice

3

HSC 431 Introduction to Health Care Delivery Systems

3

HSC 445 Introduction to Health Care Informatics

3

Total Health Sciences Core

15

Health Sciences Area of Emphasis

(End-of-Life Care, Gerontology, Health and Wellness, Health Education, Management, OR Public Health)

9

Information Literacy

1

Health Sciences Elective Credit

32

HSC 464 Health Sciences Capstone

3

Total Health Sciences

60

Bachelor of Science in Health Sciences Requirements

The Bachelor of Science in Health Sciences requires a total of **120** credits, including **60** in arts and sciences and **60** in health sciences.

Arts and Sciences Component

60 credits

The study of the arts and sciences is an essential part of preparation for professional practice in that it contributes both knowledge and an intellectual approach to problem solving. The arts and sciences requirements ensure that the student will develop college-level competence in the areas of the humanities, social sciences/history, and natural sciences/math.

- 1. Written English Requirement:** A minimum of 6 credits are required in expository writing, which may be at the freshman level. (See the written English requirement section on page 4 for specific details.)
- 2. Humanities:** A minimum of 9 credits must be earned in the humanities. The humanities include subjects such as art, literature, ethics, philosophy, religion, theatre, speech, and foreign languages. Within the 9 credits, 2 must be in ethics with a minimum grade of C earned.
- 3. Social Sciences/History:** A minimum of 9 credits must be earned in the social sciences/history field. The social sciences include subjects such as geography, economics, cultural anthropology, political science, sociology, and psychology.

4. Natural Sciences/Mathematics: A minimum of 9 credits must be earned in the natural sciences/math distribution. A minimum of 2 credits is required in natural sciences subjects (biology, chemistry, physics, etc.) to meet the general education requirements. A minimum of 2 credits in statistics with a minimum grade of C is required to fulfill the core requirement. Statistics courses are typically offered by either a mathematics or social sciences department and include commonly used descriptive and inferential statistical measures. The purpose of this requirement is to help students become more thoughtful consumers of research findings.

5. Arts and Sciences Electives: The remaining 27 credits may be distributed among the arts and sciences areas of the humanities, social sciences/history, and natural sciences/mathematics.

Health Sciences Component

60 credits

The Health Sciences component provides students with a strong foundation in the health care field and allows the flexibility to choose an area of emphasis in order to develop skills and knowledge in a specific area.

The Health Sciences component is composed of

- 15 credits of health sciences core courses,
- 9 credits in an area of emphasis,
- 3 credits in the Health Sciences Capstone,
- 1 credit for Information Literacy, and
- 32 credits in health sciences electives.

Health Sciences Core (15 credits)

Bachelor of Science in Health Sciences students must complete all five courses with a minimum grade of C in each in order to satisfy the core requirement.

HSC 310	Writing and Communication in the Health Science Professions	3 credits
HSC 320	Health Care Issues in Culturally Diverse Populations	3 credits
HSC 365	Research for Evidence-Based Practice	3 credits
HSC 431	Introduction to Health Care Delivery Systems	3 credits
HSC 445	Introduction to Health Care Informatics	3 credits

Area of Emphasis (9 credits each)

Bachelor of Science in Health Sciences students must select at least *one* of the following six areas of emphasis.

End-of-Life Care Emphasis (9 credits)

Any three of the following seven courses must be completed with a minimum grade of C in each in order to satisfy the End-of-Life Care emphasis requirements:

HSC 380	The Global Impact of AIDS: Person, Family, Community	3 credits
HSC 406	Principles and Concepts in End-of-Life Care	3 credits
HSC 408	Death, Dying and Bereavement	3 credits
HSC 410	Symptom Management in End-of-Life Care	3 credits
HSC 411	Case Management in End-of-Life Care	3 credits
HSC 420	Spirituality in Life Transitions	3 credits
HSC 415	Multidisciplinary Wound Care	3 credits

Gerontology Emphasis (9 credits)

The following three courses must be completed with a minimum grade of C in each in order to satisfy the Gerontology emphasis requirements:

HSC 416	Introduction to Gerontology: Physical, Psychological, and Social Aspects of Aging	3 credits
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HSC 426 Gerontology: Social Policy & Aging 3 credits

HSC 436 Gerontology: Provision of Services to an Older Adult Population 3 credits

Health and Wellness Emphasis (9 credits)

Three upper-level courses must be completed, each with a minimum grade of C, in order to satisfy the Health and Wellness emphasis requirements.

HSC 402 Managing Stress (example option)

HSC 403 Nutrition for Health and Wellness (example option)

HSC 407 Health and Wellness (required)

Health Education Emphasis (9 credits)

The following three courses must be completed with a minimum grade of C in each in order to satisfy the Health Education emphasis requirements:

HSC 413 Principles of Teaching and Learning 3 credits

HSC 424 Health Care Education: Methods and Strategies 3 credits

HSC 434 Health Literacy Issues and Solutions 3 credits

Management Emphasis (9 credits)

The following three courses must be completed with a minimum grade of C in each in order to satisfy the Management emphasis requirements:

HSC 414 Budget and Finance in Health Care Organizations 3 credits

HSC 418 Management of Human Resources in Health Care Organizations 3 credits

HSC 440 Leadership and Management in Health Care Seminar 3 credits

Public Health Emphasis (9 credits)

Three upper level courses must be completed, each with a minimum grade of C, in order to satisfy the Public Health emphasis requirements.

PBH 321 Introduction to Epidemiology (required)

PBH 323 Principles of Public Health (required)

PBH 342 Homelessness: Social and Health Perspectives (example option)

PBH 331 Psychosocial Impact of Chronic Illness on Person and Environment (example option)

PBH 380 The Global Impact of AIDS: Person, Family, Community (example option)

Health Sciences Electives (32 credits)

Health sciences elective credit includes coursework from fields such as: radiology, dental hygiene, cardiovascular technology, pharmacy technology, nursing, medical laboratory technology, etc. Arts and sciences credit that is supportive of the health sciences may also be applied to this area.

Additionally, health sciences elective credit may be awarded for faculty-approved licenses and certification. The School of Health Sciences regularly reviews other licenses and certifications in various areas of health care for which health sciences elective credit may be awarded. For more specific information, see the list of approved licenses and certifications on page 1.

Course/Exam Approval (enrolled students only):
www.excelsior.edu/MessageCenter

Excelsior College Course Information and Registration:
www.excelsior.edu/courses
toll free 888-285-8648, ext. 4
See pages 23–31 in this catalog for
School of Health Sciences course descriptions.

Excelsior College Exams Information and Registration:
www.excelsior.edu/exams

School of Health Sciences Advising Team:
toll free 888-647-2388, ext. 137
www.excelsior.edu/MessageCenter (enrolled students only)

Excelsior College Learning Resources:
www.excelsior.edu/library
www.excelsior.edu/bookstore
www.excelsior.edu/MyExcelsior, click on the Resources tab

Free Writing Resources:
Online software skills training through Atomic Learning
(*Excelsior course and exam registrants only*),
Online tutoring services through SMARTHINKING™
(*Excelsior College® Examinations registrants only*)
www.excelsior.edu/MyExcelsior, click on the Resources tab

Excelsior College Community Resources:
www.excelsior.edu/MyExcelsior, click on Communities tab

Health Sciences Elective Courses

There are a number of Excelsior College health science courses that can apply as health sciences elective credit. Students should consult with their academic advisors regarding the options. Listed below are some examples.

HSC 112 Medical Terminology	3 credits
HSC 220 Spanish Communications for Health Science Professionals	4 credits
HSC 280 Biology in Health and Disease	3 credits
HSC 290 Healing Therapies: Ancient Wisdom in Modern Times	3 credits
HSC 314 Sociology of Health and Illness	3 credits
HSC 364 Human Genetics	3 credits
HSC 402 Managing Stress	3 credits
HSC 403 Nutrition for Wellness	3 credits
HSC 420 Spirituality in Life Transitions	3 credits

Information Literacy (1 credit)

At least 1 credit must be earned in information literacy. Excelsior College's **INL 102 Information Literacy** fulfills this requirement. See "Information Literacy Requirement" on page 4 for more specific information on this requirement.

Health Sciences Capstone (3 credits)

HSC 464 Health Sciences Capstone must be completed at Excelsior College with a minimum grade of C. To be eligible for the Capstone, students must have all other health sciences requirements (core, concentration, information literacy, and elective) complete and be within 9 credits of completing the arts and sciences component (including having completed the written English requirement).

HSC 464 Health Science Capstone	3 credits
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Bachelor of Science in Health Care Management

The Bachelor of Science in Health Care Management is a **120**-credit program designed to meet the needs of adult learners interested in moving into health care management. This program is comprised of coursework that will prepare individuals to meet the increasing business demands of today's health care arena by developing the knowledge and skills associated with health care management. The curriculum includes core courses in business, health care management, and others supportive of the health care manager role. This program offers a dual degree option, allowing students to complete their Bachelor of Science and Master of Business Administration (MBA) together.



Important Note: You are subject to the degree requirements in effect at the time of your enrollment or program/degree transfer (program transfer refers to change from one school to another; degree transfer refers to changing degrees within the same school).

The faculty reserves the right to make changes in curricular requirements as necessary to reflect current professional practice. Changes may affect both enrolled and prospective students. It is your responsibility to keep informed of such changes. We make every effort to inform you of changes as they occur. Current information about degree requirements is posted on our website. Information about changes to degree requirements is also made available on our website.

BS

Baccalaureate
Degree Programs

Program Outcomes

At completion of the program, the graduate will be able to:

1. Use theories of leadership and organizational behavior to define and implement management practices in health care settings.
2. Apply principles of budgeting and finance to effectively plan and manage resources within a health care organization.
3. Use knowledge of health and illness, health care systems, and health care consumers to guide decision making and promote quality within health care environments.
4. Implement the manager role using a legal and ethical framework.
5. Incorporate multiple strategies of communication to establish collaborative relationships with members of the leadership team and other stakeholders.
6. Use evidence-based practice to guide human resource, clinical, and administrative decisions.
7. Manage a diverse workforce in providing health care for an increasingly heterogeneous population.
8. Demonstrate a commitment to lifelong learning in pursuit of excellence in managing and leading within the health care environment.

Note: Throughout this catalog the term “credits” is used to indicate semester hours. Quarter hours are converted to semester hours by multiplying quarter-hour values by two-thirds.

CHART 2

Bachelor of Science in Health Care Management

Total Degree Credits Required: 120

BS

Arts and Sciences Component

	Credit Hours
Written English Requirement	6
Humanities <ul style="list-style-type: none"> ■ Business Ethics (UL) ■ Electives (6 credits) 	9
Social Sciences and History <ul style="list-style-type: none"> ■ Microeconomics ■ Macroeconomics ■ Electives (3 credits) 	9
Math/Natural Sciences <ul style="list-style-type: none"> ■ Statistics ■ Electives (6 credits) must include a minimum of 2 credits in the natural sciences 	9
Arts and Sciences Electives	27
Total Arts and Sciences Credit	60

Additional Credit Component

	Credit Hours
HSC 112 Medical Terminology	3
Information Literacy	1
Other College-level Credit	11
Total Additional Credit Component	15

Professional Component

	Credit Hours
Business Core <ul style="list-style-type: none"> ■ Accounting ■ Principles of Management ■ Research (UL) ■ Human Resources Management ■ Marketing 	15
Health Care Management Core <p>HSC 301 Foundations of Health Care Management (UL)</p> <p>HSC 305 Critical Issues in Health Care Management (UL)</p> <p>HSC 310 Writing and Communication in the Health Science Professions (UL)</p> <p>HSC 330 The Legal & Regulatory Environment of Health Care (UL)</p> <p>HSC 404 Organizational Behavior and Theory in Health Care (UL)</p> <p>HSC 414 Budget and Finance in Health Care Organizations (UL)</p> <p>HSC 450 Economics of Health Care (UL)</p>	21
Business or Health Care Electives	6
Total Health Sciences	42
Capstone	Credit Hours
HSC 470 Health Care Management Capstone	3

Bachelor of Science in Health Care Management Requirements

The Bachelor of Science in Health Care Management requires a total of **120** credits to include **60** in the arts and sciences, **15** in the additional credit component, **42** in the professional component, and a **3**-credit capstone course.

Arts and Sciences Component

60 credits

1. English Composition

A minimum of 6 credits must be earned in English composition using approved examinations and/or courses. See the written English requirement explanation on page 4 for additional information.

2. Humanities

- A minimum of 3 credits must be earned in business ethics with a minimum grade of C.
- A minimum of 6 credits must be earned in other humanities subjects such as art, literature, ethics, philosophy, religion, theatre, speech, and foreign languages.

3. Social Sciences/History

- A minimum of 3 credits must be earned in microeconomics with a minimum grade of C.
- A minimum of 3 credits must be earned in macroeconomics with a minimum grade of C.
- A minimum of 3 credits must be earned in other social science/history subjects, including geography, economics, cultural anthropology, political science, sociology, and psychology.

4. Natural Sciences/Math

- A minimum of 3 credits must be earned in statistics with a minimum grade of C.
- A minimum of 2 credits must be earned in the natural sciences (biology, chemistry, physics, etc.).
- A minimum of 4 credits must be earned in natural sciences/math electives. Subjects composing this category include topics in biology, chemistry, mathematics, genetics, and physics.

5. Arts and Sciences Electives

An additional 27 credits must be completed in the arts and sciences areas of the humanities, social sciences/history, or natural sciences/math. Students may distribute these credits across the arts and sciences subjects in any fashion.

Additional Credit Component

15 credits

1. Medical Terminology

A minimum of 3 credits must be earned in medical terminology. Students who have an earned associate degree or higher in a health

Course/Exam Approval (enrolled students only):
www.excelsior.edu/MessageCenter

Excelsior College Course Information and Registration:
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toll free 888-647-2388, ext. 137
www.excelsior.edu/MessageCenter (enrolled students only)

Excelsior College Learning Resources:
www.excelsior.edu/MyExcelsior, click on the Resources tab

Excelsior College Community Resources:
www.excelsior.edu/MyExcelsior, click on Communities tab

BS

Baccalaureate
Degree Programs

sciences field will be awarded 3 credits for medical terminology. Students who present a state-issued license as a registered nurse or a practical nurse will also be awarded 3 credits in medical terminology to fulfill this requirement.

2. Information Literacy

A minimum of 1 credit must be earned in information literacy. See the information literacy requirement explanation appearing earlier in this catalog for more information. (Excelsior College **INL 102 Information Literacy** may be used to fulfill this requirement.)

3. Other College-Level Credit

A minimum of 11 credits must be earned in other college-level credit. This essentially is an elective area that can be fulfilled with additional arts and sciences credits or applied professional credits.

Professional Component

42 credits

1. Business Core

Three credits in each of the following subjects must be earned with minimum grade of C.

- Accounting
- Principles of Management
- Research
- Human Resources Management.
- Marketing

2. Health Care Management Core

Three upper-level credits in each of the following subjects must be earned with minimum grade of C.

- Foundations of Health Care Management (Excelsior College **HSC 301** may be used to fulfill this requirement.)
- Critical Issues in Health Care Management (Excelsior College **HSC 305** may be used to fulfill this requirement.)
- Writing and Communication in the Health Science Professions (Excelsior College **HSC 310** may be used to fulfill this requirement.)
- Legal and Regulatory Environment of Health Care (Excelsior College **HSC 330** may be used to fulfill this requirement.)
- Organizational Behavior and Theory in Health Care (Excelsior College **HSC 404** may be used to fulfill this requirement.)
- Budget and Finance in Health Care Organizations (Excelsior College **HSC 414** may be used to fulfill this requirement.)
- Economics of Health Care (Excelsior College **HSC 450** may be used to fulfill this requirement.)

3. Business or Health Care Electives

An additional 6 credits must be completed in business or health care electives.

The Capstone

3 credits

HSC 470 Health Care Management Capstone must be completed at Excelsior College with a minimum grade of C. To be eligible for the Capstone, students must have completed all other requirements of the professional and additional credit components as well as be within 9 credits of completing the arts and sciences component (including having completed the written English requirement).

Bachelor of Science in Health Care Management to Master of Business Administration

Dual Degree Track

The BS/MBA program is offered in conjunction with the School of Business & Technology. The dual degree track requires a total of **147** credits. Students earn the bachelor's degree by completing **60** credits in the arts and sciences component, **36** credits in the professional component, and **15** credits in the additional credit component. Students achieve graduate status after completion of the **9**-credit bridge component. The **27**-credit graduate course component completes the master's degree requirements.



Important Note: You are subject to the degree requirements in effect at the time of your enrollment or program/degree transfer (program transfer refers to change from one school to another; degree transfer refers to changing degrees within the same school).

The faculty reserves the right to make changes in curricular requirements as necessary to reflect current professional practice. Changes may affect both enrolled and prospective students. It is your responsibility to keep informed of such changes. We make every effort to inform you of changes as they occur. Current information about degree requirements is posted on our website. Information about changes to degree requirements is also made available on our website.

Program Outcomes

At completion of the program, the graduate will be able to:

1. Use theories of leadership and organizational behavior to define and implement management practices in health care settings.
2. Apply principles of budgeting and finance to effectively plan and manage resources within a health care organization.
3. Use knowledge of health and illness, health care systems, and health care consumers to guide decision making and promote quality within health care environments.
4. Implement the manager role using a legal and ethical framework
5. Incorporate multiple strategies of communication to establish collaborative relationships with members of the leadership team and other stakeholders.
6. Use evidence-based practice to guide human resource, clinical and administrative decisions.
7. Manage a diverse workforce in providing health care for an increasingly heterogeneous population.
8. Demonstrate a commitment to lifelong learning in pursuit of excellence in managing and leading within the health care environment.

Note: Throughout this catalog the term “credits” is used to indicate semester hours. Quarter hours are converted to semester hours by multiplying quarter-hour values by two-thirds.

Upon successful completion of the Excelsior College MBA program, the graduate will be able to:

1. Analyze real-world business problems and generate recommendations for action.
2. Integrate accounting, marketing, finance, management and economics into a strategic business analysis.
3. Assess the impact of the global business environment on business situations.
4. Apply quantitative methods to analysis of business situations.
5. Perform ethically and professionally in business and society.
6. Communicate effectively to relevant audiences in written materials.
7. Collaborate in teams to produce required deliverables.
8. Apply project management skills to business situations.
9. Assess the ethical implications of actions for diverse stakeholders.

Course/Exam Approval (enrolled students only):
www.excelsior.edu/MessageCenter

Excelsior College Course Information and Registration:

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toll free 888-285-8648, ext. 4

See pages 23–31 in this catalog for
School of Health Sciences course descriptions.

Excelsior College Exams Information and Registration:

www.excelsior.edu/exams

School of Health Sciences Advising Team:

toll free 888-647-2388, ext. 137
www.excelsior.edu/MessageCenter (enrolled students only)

Excelsior College Learning Resources:

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Dual Degree Track Requirements

Arts and Sciences Component

60 credits

1. English Composition

A minimum of 6 credits must be earned in English composition using approved examinations and/or courses. See the written English requirement explanation on page 4 for additional information.

2. Humanities

- a. A minimum of 3 credits must be earned in business ethics with a minimum grade of B. This course serves as a foundation requirement for the MBA.
- b. A minimum of 6 credits must be earned in other Humanities subjects such as art, literature, ethics, philosophy, religion, theatre, speech, and foreign languages.

3. Social Sciences/History

- a. A minimum of 3 credits must be earned in microeconomics with a minimum grade of C.
- b. A minimum of 3 credits must be earned in macroeconomics with a minimum grade of C.
- c. A minimum of 3 credits must be earned in other social science/history subjects, including geography, economics, cultural anthropology, political science, sociology, and psychology.

4. Natural Sciences/Math

- a. A minimum of 3 credits must be earned in statistics with a minimum grade of C.
- b. A minimum of 3 credits must be earned in quantitative analysis with a minimum grade of B. This course serves as a foundation requirement for the MBA.
- c. A minimum of 3 credits must be earned in natural sciences. Subjects composing this category include topics in biology, chemistry, genetics, and physics.

5. Arts and Sciences Electives

An additional 27 credits must be completed in the arts and sciences areas of the humanities, social sciences/history, or natural sciences/math. Students may distribute these credits across the arts and sciences subjects in any fashion.

Additional Credit Component

15 credits

1. Medical Terminology

A minimum of 3 credits must be earned in medical terminology. Students who have earned an associate degree or higher in a health sciences field will be awarded 3 credits for medical terminology. Students presenting a state-issued license as a registered nurse or practical nurse will also be awarded 3 credits in medical terminology to fulfill this requirement.

2. Information Literacy

A minimum of 1 credit must be earned in information literacy. See the information literacy requirement explanation on page 10 for more information.

3. Other College-Level Credit

A minimum of 11 credits must be earned in other college-level credit. This essentially is an elective area that can be fulfilled with additional arts and sciences credits or applied professional credits.

Professional Component

36 credits

1. Business Core

Three credits in each of the following subjects must be earned with minimum grades of C unless otherwise noted:

- Accounting

- Principles of Management
- Research (must be upper level)
- Human Resources Management
- Marketing (must be upper level, minimum grade of B required). This course serves as a foundation requirement for the MBA.

2. Health Care Management Core

Three upper-level credits in each of the following subjects must be earned with minimum grades of C unless otherwise noted:

- Foundations of Health Care Management
- Critical Issues in Health Care Management
- Legal and Regulatory Environment of Health Care
- Organizational Behavior and Theory in Health Care (**minimum grade of B required**). This course serves as a foundation requirement for the MBA.
- Budget and Finance in Health Care Organizations
- Economics of Health Care

3. Business or Health Care Electives

An additional 6 credits must be completed in business or health care electives.

Bridge Component

9 credits

1. Business Communications—Graduate Level

(Excelsior College **BUS 501 Business Communications** may be used to fulfill this requirement.)

2. Global Business Environment—Graduate Level

(Excelsior College **BUS 502 Global Business Environment** may be used to fulfill this requirement.)

3. Finance—Upper Level Undergraduate OR Graduate Level

This course serves as a foundation requirement for the MBA. Minimum grade of B required. (Excelsior College **BUS 350** or **BUS 505** may be used to fulfill this requirement.)

Graduate Course Component

27 credits

- 1. Accounting for Managers**
(Excelsior College **BUS 500** may be used to fulfill this requirement.)
- 2. Human Resources Management**
(Excelsior College **BUS 504** may be used to fulfill this requirement.)
- 3. Operations Management**
(Excelsior College **BUS 520** may be used to fulfill this requirement.)
- 4. Leadership/Change Management**
(Excelsior College **BUS 552** or **BUS 554** may be used to fulfill this requirement.)
- 5. Information Technology or Informatics and the Health Care Delivery System**
(Excelsior College **BUS 570** or **HINF 522** may be used to fulfill this requirement.)
- 6. Approved Electives**
(9 credits) Students electing an MBA concentration may use those credits to fulfill the elective requirement.
- 7. Strategy and Policy Capstone**
(Excelsior College **BUS 511** may be used to fulfill this requirement.)

Policies Specific to the BS to MBA Dual Degree Program

The Excelsior College Student Policy Handbook is your resource for understanding the academic and administrative policies that are important to your academic success. It includes a wide range of information from important federal policies, including your right to privacy, to grading policies and policies and procedures concerning refunds, withdrawals, and other administrative issues. It is your responsibility to be familiar with these policies.

BS/MBA

- Minimum grades of B are required for each of the five MBA foundational courses (Business Ethics, Quantitative Analysis, Organizational Behavior and Theory in Health Care, Advanced Marketing, and Finance).
- Courses used to fulfill foundation requirements must have been completed within 10 years of the student's academic policy date.
- Minimum grades of C are required in each of the courses composing the business and health care management core areas unless otherwise noted.
- Courses used to fulfill requirements of the professional component must be completed within 20 years of the student's academic policy date.
- Students must be within 10 credits of completing the undergraduate component in order to enroll in the bridge courses.
- A minimum grade point average (GPA) of 2.0 is required to move forward with the graduate course component.
- Students achieve graduate status upon successful completion of all undergraduate requirements, including the bridge courses and associated minimum grade requirements.
- Students must achieve graduate status in order to move forward with the graduate component courses.
- A minimum GPA of 3.0 is required of all MBA courses for graduation.
- Students must complete all MBA requirements 10 years from the point at which they begin taking graduate courses in the bridge component.

CHART 3

Bachelor of Science in Health Care Management to Master of Business Administration—Dual Degree Track

Total Degree Credits Required: 147

BS to MBA

Baccalaureate Phase

Arts and Sciences Component

Credit Hours

Written English Requirement

6

Humanities

- Business Ethics (UL) (F)
- Electives (6 credits)

9

Social Sciences/History

- Microeconomics
- Macroeconomics
- Electives (3 credits)

9

Math/Natural Sciences

- Statistics
- Quantitative Analysis (UL) (F)
- Electives (3 credits) Must include a minimum of 2 credits in natural sciences subjects.

9

Arts and Sciences Electives

27

Total Arts and Sciences Credit

60

Additional Credit Component

Credit Hours

HSC 112 Medical Terminology

3

Information Literacy

1

Other College-level Credit

11

Total Additional Credit

15

Professional Component

Credit Hours

Business Core

- Accounting
- Principles of Management
- Research (UL)
- Human Resources Management
- Marketing (UL) (F)

15

Health Care Management Core

- HSC 301** Foundations of Health Care Management (UL)
- HSC 305** Critical Issues in Health Care Management (UL)
- HSC 330** The Legal & Regulatory Environment of Health Care (UL)
- HSC 404** Organizational Behavior and Theory in Health Care (UL) (F)
- HSC 450** Economics of Health Care (UL)

15

Business or Health Care Electives

6

Total Professional Credit

36

Bridge Component

Bridge Component

MBA requirements; credits apply toward the bachelor's degree.

BUS 501 Business Communications

BUS 502 Global Business Environment

Finance (Undergraduate BUS 350 or Graduate BUS 505) (UL) (F)

9

Total Bridge Credit

9

Graduate Course Component

Graduate Course Component

Graduate Status Achieved

Students achieve graduate status upon completion of the bridge component and all other undergraduate requirements.

BUS 500 Accounting for Managers

BUS 504 Human Resources Management

BUS 520 Operations Management

BUS 552 Leadership or BUS 554 Change Management

BUS 570 Information Technology or

HINF 522 Informatics and the Health Care Delivery System

Electives (9 approved or concentration credits)

BUS 511 Strategy and Policy (Capstone)

27

Total Graduate Credit

27

(F) = One of five foundation courses required for MBA; minimum grade of B required.

(UL) = Upper level

Choosing a Certificate Program

Certificate programs provide the opportunity to gain expertise in a particular field of study by concentrating on core elements within an accelerated framework. The career benefits from obtaining a certificate include, but are not limited to, promotion, salary increases, employee recognition, or simply personal achievement.

Our certificate program can be completed in a relatively short period of time; therefore, for some, this approach may prove more practical and time efficient than a full degree program. A certificate program is also a great way to help determine whether going back to school is right for you, because you are not committing to an entire degree program.

Graduate Certificate Program

Graduate-Level Certificate in Health Care Informatics

17 credits

The graduate certificate program in Health Care Informatics consists of six courses, totaling 17 credits of academic work. The purpose of the program is to prepare graduates who have knowledge and skills necessary to work within, or assume leadership roles in the field of health care informatics. The informatics courses focus on content related to information management systems, information system lifecycle, database design, and the ethical, political, social, and legal implications of information systems management in the health care arena.

Program Outcomes

At completion of the program, the graduate will be able to:

1. Use critical thinking skills to identify informatics solutions to improve health care delivery.
2. Participate as a member of an interdisciplinary informatics team responsible for the design, implementation, and management of an information management system.
3. Apply health care informatics knowledge and skills needed in the development, management, and evaluation of information systems.
4. Articulate health care informatics perspectives and issues in a professional role.

Program Requirements

Students must have an earned bachelor's degree from a regionally accredited U.S. institution or the equivalent to be eligible for this program. Additionally, background in health care or information technology is needed in order to be successful. Students must complete the Health Care Informatics

certificate program within five years of enrollment. Courses applied toward the program must have been completed within 10 years of the student's academic policy date.

The following courses must be successfully completed for the graduate Certificate in Health Care Informatics:

HINF 521 Data, Information, and Knowledge	3 credits
HINF 522 Informatics and the Health Care Delivery System	3 credits
HINF 551 System Lifecycle	4 credits
HINF 553 Issues in Health Care Informatics	2 credits
HINF 555 Knowledge Representation: Data Standards, Terminologies, and Implications for Practice	2 credits
HINF 564 Informatics Project Management	3 credits

CERTIFICATE

Certificate
Program

Excelsior College Course Information and Registration:

www.excelsior.edu/courses

toll free 888-285-8648, ext. 4

See pages 23–31 in this catalog for

School of Health Sciences course descriptions.

Course Search:

www.excelsior.edu/CourseSearch

Course/Exam Approval (enrolled students only):

www.excelsior.edu/MessageCenter

School of Health Sciences Advising Team:

toll free 888-647-2388, ext. 137

www.excelsior.edu/MessageCenter (enrolled students only)

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School of Health Sciences Courses

Courses are delivered online so that you can meet your academic requirements according to your schedule. While not every course is offered each term, chances are you will find a course that fits your degree plan when needed.

Before registering for a course, enrolled Excelsior College students should consult with their academic advising team for course approval. Non-degree students are eligible to take Excelsior College courses on a non-matriculated basis.

Remember to contact your academic advisor for approval prior to registering for any courses to ensure that they will apply toward your degree as expected.

Not every course is offered every term. Please check our website for course availability.

Courses

Undergraduate Courses

HSC 105 Anatomy and Physiology I (Non-Lab)

3 credits

This course focuses on the structure and function of the human body. Topics and body systems that will be studied include: cells, blood, integumentary system, muscular system, nervous system, skeletal system, and the endocrine system.

HSC 106 Anatomy and Physiology II (Non-Lab)

3 credits

This course focuses on the structure and function of the human body. Topics and body systems that will be studied include: concepts of human development, fluid and electrolyte balance, the cardiovascular system, respiratory system, digestive system, temperature and metabolism, urinary system, and reproductive system.

HSC 112 Medical Terminology

3 credits

This intensive course is designed to introduce the student to medical language. Students will gain an understanding of medical terminology as related to the basis of word roots, word structure, suffixes and prefixes, and the special vocabulary of specific human biological systems.

HSC 220 Spanish Communication for the Health Care Professions

4 credits

This course provides students with the basic communication skills in Spanish and the cultural understanding that will enable them to care for the Spanish-speaking health care clients in the U.S. in an effective and sensitive manner and within a variety of typical health care situations. Students will learn how to speak, listen, write, and read in Spanish within an authentic cultural context. Multimedia will be used to enrich the learning experience. Content includes a general introduction to the topic,

basic elements of client exchanges, the description and examination of the human body, elements of the health care setting and equipment, information related to test and treatments, determination of when and how to use an interpreter, and insight into the perspective of being a health care consumer in a potentially frightening situation when unable to speak the language.

HSC 280 Biology of Health and Disease

3 credits

This intensive course examines the fundamental biological concepts of human origins and inheritance, terminology and the structure and function of all human body systems, major common human diseases, and the major risk factors and socioeconomic factors impacting human health.

HSC 290 Healing Therapies: Ancient Wisdom in Modern Times

3 credits

This intensive course examines the traditions and recent developments within the field of Integrative Medicine (IM) and includes a comparison of Western and Eastern systems. Modalities such as aromatherapy, herbal preparations, homeopathic remedies, imagery, music, and therapeutic touch are identified by the National Center for Complementary and Alternative Medicine (NCCAM) and will be examined for their applications in health care. Through an interactive and experiential format, participants will overview a comprehensive range of physical, psychological, and energy therapies resulting in insight, awareness, and appreciation for diverse approaches to medicine. This course also examines legal and ethical consideration for implementing CAT therapies into current health care practices as well as the supporting scientific research.

HSC 301 Foundations of Health Care Management **3 credits**

This intensive course is designed to provide students with the foundational knowledge required for the role of health care manager. Effective management is based upon an understanding of the system within which one works and the product or service one provides. During the course, students will learn about the structure and function of the health care industry and the role technology plays in communication across the system as well as in the delivery of care.

HSC 305 Critical Issues in Health Care Management **3 credits**

This intensive course provides students with an overview of current issues that impact the delivery of health services. Health care managers must be aware of the threats and opportunities present in today's health care environment. During this course, students will investigate current trends and critical issues that have emerged in the early 21st century and will explore ways in which health care systems can respond to these changes in the external environment.

HSC 310 Writing and Communication in the Health Sciences Professions **3 credits**

This course is designed to help students master the art of professional communication. A broad range of topics is covered, including professional presentations, meeting management, and various forms

of written communication. Issues related to communication in the health care organizations and among health care professionals are also addressed.

HSC 312 Ethics of Health Care **3 credits**

This interdisciplinary course guides students through a systematic analysis of contemporary ethical issues in health care. During the course, students will be required to differentiate ethical issues from other types of issues, demonstrate sound moral reasoning, and summarize the historical, legal, and health care policy dimensions of current issues of ethical concern.

HSC 314 Sociology of Health and Illness **3 credits**

This course examines the influence of social and structural forces on health, illness, and the health care system in the U.S. Through scholarly readings, experiential learning activities, and reflective dialogue, students will explore the foundations of medical sociology, social causes and consequences of health and illness, the social behavior of health care personnel and patients, the social role of the hospital, and the complex issues surrounding health care reform, health care delivery, and social policy.

HSC 320 Health Care Issues in Culturally Diverse Populations **3 credits**

This intensive course introduces students to the concepts of culture and cultural diversity as they relate to health care and the health care delivery system. During the course students will explore religious, racial, ethnic and other subcultures that exist in our society and examine conflicts that often occur when differing cultures enter the health care arena. Students will also discuss the concept of cultural competence and study strategies that health care organizations are using to create more inclusive services.

HSC 330 Legal and Regulatory Environment of Health Care **3 credits**

This course introduces U.S. law and the legal process in health care. The course highlights legal issues common within health administration, and provides a foundation for understanding the scope, limits, and consequences of legal obligations. Students learn

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www.excelsior.edu/CourseSearch

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Excelsior College Learning Resources:

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Excelsior College Community Resources:

www.excelsior.edu/MyExcelsior, click on Communities tab

about the governing bodies and regulatory controls which set standards for health care, and apply their knowledge in identification of legal issues often encountered in health administration.

HSC 331 Psychosocial Impact of Chronic Illness on Person and Environment 3 credits

This course critically examines several chronic illnesses occurring at alarming incidence rates throughout the nation. Students will develop an in-depth understanding of the demands of the disease and the impact on the person, family, community, and society.

HSC 364 Human Genetics 3 credits

This course provides an overview of the field of Human Genetics from its beginning, Mendelian genetics, through the chromosomal theory of inheritance, the evolution of molecular genetics to the modern techniques of genetic engineering. Applications of human genetics in the health care field will be included with topics on genetic counselling and the bio-psych-social aspects of various genetic based diseases. The basic concepts in cell structure and function will be reviewed as a foundation. Discussion of political and sociological implications of the ever-expanding understanding of genetics and heredity will complement the exploration in this field.

HSC 365 Research for Evidenced-Based Practice 3 credits

This course focuses on developing skills to determine how to evaluate and use research findings in clinical evidence based practice. Students are introduced to the components of the research process. The concepts of theory, literature, methodology, sampling, measurement, and analysis are presented. Emphasis is placed on critiquing research studies according to appropriate research principles and standards. Application of research to clinical practice is addressed.

HSC 380 The Global Impact of AIDS: Person, Family, Community 3 credits

This intensive course examines the impact of AIDS from the individual, community, and global perspective. Through interactive media learning

communities, students will learn about the biology of the disease process and treatments and examine the effects of social and political influences on the AIDS community. The student will develop an understanding of the continuing challenges in the field of HIV/AIDS. Students will also have the opportunity to view the personal perspectives of AIDS patients, as well as have the opportunity to reflect on their own perspectives of AIDS and the many misconceptions of the disease.

HSC 402 Managing Stress 3 credits

This course focuses on the nature of stress and the connection between mind, body, and spirit. Students will study the different theoretical models of stress from a variety of theorists while exploring coping strategies and relaxation techniques for healthy living in today's changing world. Students will also create an individualized stress management program plan.

HSC 403 Nutrition for Wellness 3 credits

In this course, students will learn the foundations of nutrition as they relate to health, wellness, and disease prevention. Students will examine how food affects the body and explore the relationship of nutrients in food and how they prevent and treat disease, including eating disorders. Students will develop skills in designing personalized nutrition plans and gain a greater understanding of how nutrition impacts the body at all stages of life. Students will also analyze current trends in nutrition and gain knowledge on how to separate fact from fiction. In addition, the topics of food safety and how technology plays a part will be addressed.

HSC 404 Organizational Behavior in Health Care Environments 3 credits

This intensive course provides students with an opportunity to explore organizational theory and behavior within the context of the health care environment. Driven by a mission of care and service, health care organizations have a distinct culture. In this course, students will examine the culture of health care and how it impacts the way in which health care organizations and the people who work within health care interrelate. Health care organizations will be viewed from the organizational, group,

and individual levels. In this course, students will focus on the practical applications of theories and concepts of behavior within health care organizations.

HSC 406 Principles and Concepts in End-of-Life Care **3 credits**

This intensive course provides a foundation for understanding concepts of end-of-life care including the history, philosophy, ethics, and cultural perspectives of hospice as a philosophy for caring of patients at end of life. The role of the interdisciplinary team addressing end-of-life care issues will be discussed. In addition, elements of communication and self-care strategies for the professional and the caregiver will be addressed. This course is recommended for health care professionals working or interested in end-of-life care.

HSC 407 Health and Wellness **3 credits**

This intensive course is designed to provide students with an opportunity to explore the concept of health and analyze the response of the health and wellness industry to current issues such as childhood obesity, chronic illness, and health risk behaviors such as smoking. During the course students will examine the roles of government, the health care industry and related businesses, schools, and employers in addressing health issues and will evaluate health and wellness programs targeting specific populations. This course was created for students in the health professions as well as others who are interested in current issues related to health and health promotion.

HSC 408 Death, Dying, and Bereavement **3 credits**

This intensive course examines the psychosocial, cultural, ethical, social, and legal aspects of end-of-life care. The role of each team member responding to the psychosocial needs of patients and their families will be addressed. Concepts of loss, death, grief, and bereavement will be discussed, as well as coping strategies of the patient and family.

HSC 410 Symptom Management in End-of-Life Care **3 credits**

This course provides the nurse and health care team with key concepts in maintaining quality of life through the provision of multidimensional symptom management. A holistic perspective integrating both conventional and adjunct therapies for a comprehensive symptom management approach will be developed. Personal and professional perspectives of pain and symptom management will be explored.

HSC 411 Case Management in End-of-Life Care **3 credits**

This course integrates principles of case management into the role of the health care professional on the interdisciplinary team, managing the complex needs and resources for the person at the end of life. Effective communication, resource management, and time management skills will be discussed. Opportunities to discuss selected cases with faculty will be integrated. This course is open to all members of the interdisciplinary team that are interested or involved in case management.

HSC 413 Principles of Teaching and Learning **3 credits**

This course provides students with knowledge that serves as a foundation for health care education. Students are introduced to various theories related to teaching and learning and models of education delivery. Throughout the course, students will explore issues that influence health care education both from the perspective of the educator and the client.

HSC 414 Budget and Finance in Health Care Organizations **3 credits**

This course is designed to guide students through the basic financial principles and techniques used by managers in health care facilities. The course focuses on the preparation and management of a capital and operating budget. The course is organized into modules based on the content outline with specific assignments and assessments for each activity that take students from conceptual discussion to practice exercises. Team assignments will simulate actual work experiences.

**HSC 415 Multidisciplinary
Wound Care****3 credits**

This interdisciplinary course focuses on the biology, pathophysiology, prevention management, and treatment of acute and chronic wounds. Through course readings, exercises, and faculty feedback, students will assess wound etiologies and the factors that influence healing, and then apply concepts of evidence-based practice in the prevention, management, and treatment of acute and chronic wounds. Previous exposure to wounds and wound care would be helpful. Open to undergraduate students from any of the health science disciplines.

**HSC 416 Introduction to Gerontology:
Physical, Psychological, and
Social Aspects of Aging****3 credits**

This intensive course provides an interdisciplinary approach to aging, focusing on knowledge concerning physical, psychological and social age-related changes. The number of people who are age 60 or older, and particularly the people who are age 80 and older, in the population will have a great influence on certain societies (e.g., the United States) in the early twenty-first century). The implications for society of this increase in the aged portion of the population will be reviewed. The course also explores personal and societal attitudes towards aging and focuses on the diversity that is present in the aging population. Upon completion of the course, students will have had the opportunity to challenge their stereotypes about the elderly, and gained an awareness of the wide range of realities of aging that exist.

**HSC 417 Dementia: Impact on the
Individual, Family, and Community****3 credits**

This course provides students with an in-depth understanding of the world of dementia. Students will analyze the impact dementia has on the individual, family, and community. Sociological theory will be applied in the examination of issues such as loss of sense of self, changes in role identity, family dynamics, and social stigma. Students will differentiate between the various forms of dementia with specific attention being given to Alzheimer's disease. Progress being made in research as well as current and future directions will be examined.

**HSC 418 Human Resource Management
in Health Care Organizations****3 credits**

This course explores the human resource function of the manager in a health care organization. It covers a wide range of topics, including staffing, worker safety and security, general employment practices, organizational development, and employee relations. Upon completion of the course, students will be able to implement/integrate evidence-based human resource strategies into the day-to-day management of their departments.

**HSC 420 Spirituality in
Life Transitions****3 credits**

This intensive course covers the major theories, research, and assessment tools related to spirituality as it pertains to persons at end of life. Spiritual assessment skills for assisting others will be explored as well as opportunities for spiritual self-assessment and reflection. Theoretical and experiential learning methodologies will be utilized.

**HSC 421 Grant Writing in the
Health Sciences****3 credits**

Students will learn the steps in developing, organizing, and writing a grant. Focus will be on the research methods and techniques to find grant sources, program development, examining how a grant fits into an organization's overall strategy, writing the grant, and building relationships with funders. Students will do research, case studies, and writing to achieve course objectives.

**HSC 424 Health Care Education:
Methods and Strategies****3 credits**

This course provides students with the knowledge and skills necessary to plan, implement, and evaluate educational strategies that can be used with health care consumers. As the course progresses, students will complete an educational project, step by step, from identifying a learning need to developing a detailed teaching and evaluation plan.

HSC 426 Gerontology: Social Policy & Aging **3 credits**

This course demonstrates how the growing aging population of the 20th century advocated for the need for new social policies such as Social Security, the Older Americans Act, Medicare, and Medicaid. Upon completion of the course, students will be better able to understand and take part in the current debate surrounding these programs, and take a reasoned position based on their studies of the issues.

HSC 431 Introduction to Health Care Delivery Systems **3 credits**

This intensive course provides health care professionals with a comprehensive overview of the U.S. health care delivery system and the forces that influence it. Students will explore historical influences on the U.S. health care delivery system and examine the role of government, finance, and policy in the health care arena.

HSC 434 Health Literacy: Issues and Solutions **3 credits**

This course focuses on the issue of health literacy and explores the role of the health care provider in identifying those at risk and creating workable solutions for health care consumers. During the course, students will develop assessment skills as they learn both how to assess individual literacy and to evaluate the appropriateness of learning materials. Students will also explore various learning strategies that can be used with different populations.

HSC 436 Gerontology: Provision of Health Care Services to an Older Adult Population **3 credits**

This course will enable students who have completed the Gerontology emphasis to apply the knowledge gained to their health care practice with older adults in whatever setting they encounter them. After identifying the major issues related to the delivery of health services to our growing aging population—accessibility, affordability, availability, etc.—the course will offer an overview of the health care continuum that most older adults progress through in the process of aging.

HSC 438 Leadership and Change **4 credits**

Focuses on leadership as a facilitator of change and transformer and nurturer of organizational culture. Explores the role of a leader in creating an ethical culture that promotes and supports a healthy work environment and enhances quality of care. Students will learn how ethics inform leadership, and how leadership transforms culture and facilitates change.

HSC 440 Leadership and Management in Health Care Seminar **3 credits**

This course focuses on leadership as a critical component of effective health care organizations (HCOs). Management relates to leadership and how the HCO actually functions, both strategically and on a daily basis. Students explore the health care setting and its structure and function; how the supervisor (manager) functions in relationship to delegation, empowerment, time management, and

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self-management; and the supervisor (manager) and staff relationship, motivation, and communication. Other critical management tasks are included in the content: recruitment and retention, performance appraisal, decision making, teamwork, and related ethical and legal issues.

HSC 445 Introduction to Health Care Informatics 3 credits

This course is designed to introduce students to the role of information management in health care. During the course, students will explore benefits, issues, risks, and challenges related to the electronic health record and other information systems in the health care environment. Students will explore the field of consumer informatics and its use in providing health-related information to health care consumers. The course will address the role of the health care provider in working with computers and information management systems in health care.

HSC 450 Economics of Health Care 3 credits

This course introduces students to the field of health care economics. During the course, students will learn the concepts and principles of microeconomics as they apply to health care. Students will explore why and how health care differs from other markets. Topics to be covered include the cost of health care, government regulation, payment systems including insurance, and secondary markets including hospitals and physician practices.

HSC 453 Marketing for Health Care 3 credits

HSC 453 is an 8-week advanced marketing course focusing on the health care industry and delivery system. A number of important trends are placing greater demands on health care organizations to be effective marketers in order to attract new consumers and be responsive to existing consumers. These trends include more involved consumers, increasing importance of the Internet, and an unprecedented transparency of information. Consumers are now able to access information and form social networks to communicate about their experiences with health care providers and health systems. These factors change the competitive landscape among health care organizations and make marketing concepts practiced in other industries increasingly relevant

in health care. This course will explore principles of marketing with emphasis on rapidly evolving technology, consumer demand for greater value in services, and the impacts of increased competition in health care.

HSC 464 Health Sciences Capstone 3 credits

This end-of-program capstone course of the Bachelor of Science in Health Sciences curriculum requires students to demonstrate previously learned knowledge, principles, and skills to analyze health science-based case problems. Using a variety of case analysis tools, students will analyze cases both as a member of a team and individually and will discuss case studies that examine the professional role in health care. The individual case analysis will culminate in students preparing and delivering a persuasive presentation using PowerPoint with voice over. During the last three weeks of the course, students will prepare an individualized professional development plan for use upon completing their academic studies.

HSC 470 BS in Health Care Management Capstone 3 credits

This course provides students with an opportunity to demonstrate their ability to integrate and apply knowledge of the arts and sciences, business functions, and health care management principles and concepts. During the course, students will be evaluated on their knowledge and skills through their 1) participation in a group analysis of a health care management case study; 2) written analysis of a second case study; 3) presentation of a persuasive argument using a PowerPoint presentation with voice over; and 4) completion of a self assessment and professional development plan.

PBH 320 Substance Abuse: Impact on Individual, Family, Community 3 credits

Alcohol/substance abuse is a major public health issue. This course introduces students to the impact of alcohol/substance abuse on the individual, family, and society. During the course, students will be required to differentiate between abuse and dependence, identify negative consequences, and discuss treatment issues. Students will evaluate various treatment models and settings and develop an awareness

of which models are appropriate given the readiness of an individual to engage in treatment. Through the coursework, students will have the opportunity to see the progression of the consequences of substance abuse in a real family from the perspective of the individual, the family, and society. Students will develop a greater understanding of the public health concern around substance abuse.

PBH 321 Introduction to Epidemiology 3 credits

Epidemiology is the study of health and illness and associated factors at the population level. During the course, students are introduced to various study designs that will aid students in evaluating procedures for studying, preventing, and controlling infectious diseases, environmental health hazards, and accidents. Students will learn the concepts and principles of epidemiology. Current real-world public health scenarios such as Hurricane Katrina and seasonal flu will be discussed and applied to the material.

PBH 323 Principles of Public Health 3 credits

This course introduces students to the concepts and principles of public health. In this course, students will learn about the history and practice of public health and the issues with which public health is concerned. During the course, students will be introduced to the important role and responsibilities public health practitioners have in providing public health services in their communities. They will learn about topics in public health, including environment, chronic and infectious diseases, and health disparities. Current, real-world public health scenarios will be discussed and applied to the material. Also covered are the laws that pertain to public health, the organization and scope of the public health infrastructure, public health preparedness and ethics, and the challenges facing public health, both nationally and globally.

PBH 340 Violence and the American Family: Public Health and Social Issues 3 credits

Violence is a prevalent and dangerous social issue leading to physical and psychological injury and death. This course examines violence as it effects families across the lifespan and includes topics such as child abuse, incest, bullying, dating vio-

lence, intimate partner violence, and elder abuse. Throughout the course, students will explore these various types of violence and their impact on family dynamics and the physical psychosocial and mental health of individuals and families. Students will also investigate community response to family violence and effective strategies for prevention and treatment.

PBH 342 Homelessness: Social and Health Perspectives 3 credits

This accelerated 8-week course is designed to provide a comprehensive view of homelessness within the U.S. from both social and public health perspectives. Students will explore the various causes of homelessness, the different homeless populations, and will investigate interventions aimed at addressing relevant issues. The course strives to put a face to the thousands of men, women, and children that are without the shelter, safety, and comfort of a home.

PBH 420: Global Health Impacts in Developing Countries 3 credits

This course provides a comprehensive overview of community-level, societal, and geopolitical factors that influence global health. Students will explore interdisciplinary perspectives of global health in developing countries, including health care systems, environmental health and disasters, trends in communicable and non-communicable diseases, and cutting-edge improvements in global health interventions. Students will examine similarities and contrasts across cultures and environment, with attention to influences of cultural pluralism and shifting ideologies in global health.

Graduate Courses

HINF 521 Data, Information, and Knowledge 3 credits

Data, Information, and Knowledge is designed to provide students with an opportunity to examine, in depth, these three concepts. They are fundamental to the field of informatics. The course focuses on the nature of data, the concepts of information and knowledge, and the principles of relational

databases, systems operations, and information systems. Through course readings, exercises, and faculty feedback, students will build upon basic knowledge of the data information and knowledge continuum. This knowledge will be used to design and create a simple database in response to an identified health care problem. This course is interdisciplinary in nature and is open to graduate-level students from any of the health sciences disciplines.

**HINF 522 Informatics and
the Health Care Delivery System** **3 credits**

This course is designed to introduce students to the field of health care informatics. It focuses on the history of health care informatics, basic informatics concepts, and health information management applications. During the course students will compare and interact with information management applications related to administration, education, practice, and research.

HINF 551 System Lifecycle **4 credits**

This course focuses on a structured approach to the selection, implementation, and on going support of an information system. This structured approach is called the information system development life cycle. The course incorporates four modules corresponding to the five phases of the life cycle: planning, analysis, design, implementation and evaluation.

**HINF 553 Issues in
Health Care Informatics** **2 credits**

This course was designed to encourage students to engage in a dialogue between themselves and experts in the field of health care and health care informatics in order to come to some understanding of current

issues in the field of health care informatics. The purpose of the course is to introduce these issues and guide students toward a relevant, thoughtful perspective with which to guide their future practice as it relates to health care informatics. Using multiple discussion questions and a case study, students will be asked to analyze the issues from ethical, political, societal, and legal perspectives.

**HINF 555 Knowledge Representation:
Data Standards, Terminologies,
and Implications for Practice** **2 credits**

This course focuses on fundamentals of knowledge representation. Data standards, terminologic systems, and concept representation are discussed as components of knowledge systems. Recognized terminologies and classifications for health care data storage and retrieval are presented. Models for representing health care activities in concept-oriented terminologic and computer-based systems are introduced.

**HINF 564 Informatics
Project Management** **3 credits**

This course provides students with an opportunity to select a role in an agency and to design, implement, and manage an effective project by applying appropriate project management principles. Students will learn to use Microsoft Project to develop and implement their projects. Study groups will be formed and case studies will be used to facilitate learning and enhance critical thinking skills.

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Business	5001	AS
Business	0501	BS
Accounting (NYS CPA Track)	0502	BS
Bachelor of Professional Studies in Business and Management	0599	BPS
Business	0506	MBA
School of Health Sciences Programs		
End of Life Care	1299	Certificate
Health Care Informatics	1203.12	Certificate
Health Care Management	1203.12	Certificate
Health Sciences	1201	BS
School of Liberal Arts Programs		
Homeland Security	5505	Certificate
Liberal Arts	5649	AA, AS
Liberal Studies	4901	BA, BS, MA
Criminal Justice	2105	BS, MS
History	2205	BA, BS
Humanities	1599	BA
Military Studies	2299	BS
Natural Sciences	1901	BS
Psychology	2001	BA, BS
Social Sciences	2201	BS
Sociology	2208	BA, BS

Program Title	HEGIS	Award
School of Nursing Programs		
Nursing	5208	AAS, AS
Nursing	1203.10	BS, RN-MS, MS
School of Business and Technology, Technology Programs		
Cybersecurity	5199	Certificate
Cybersecurity Management	0799	Certificate
Technical Studies	5315	AAS
Nuclear Technology	5316	AS
Technology	5305	AS
Technology	0925	BS
Electrical Engineering Technology	0925	BS
Information Technology	0702	BS
Nuclear Engineering Technology	0925	BS
Bachelor of Professional Studies in Technology Management	0599	BPS
Cybersecurity	0702	MS

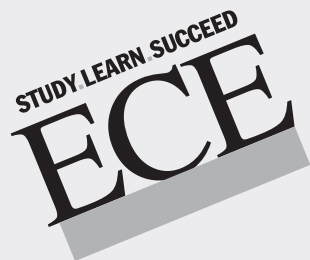
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