

Kinesiology & Health

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The Kinesiology & Health Curriculum

Physical Education, Exercise Science, Public Health, Health Science and Healthcare Administration

The Department of Kinesiology & Health offers four interrelated but distinct majors that prepares students for a variety of careers in the health and education professions. These disciplines include Exercise Science, Health Science, Physical Education, and Public Health. With a focus on enriching the educational experience, the Department of Kinesiology & Health provides an excellent learning environment through a breadth of content knowledge, faculty engagement, research opportunities, and professional internships. The integration of these high impact practices, combined with the university's liberal arts core curriculum, challenge students in preparation for graduate school and employment.

Emphasizing the positive impact of physical activity on health and quality of life, the mission of the Department of Kinesiology & Health is to create and disseminate knowledge, engage in community service, and prepare caring and competent professionals. In addition to training students for immediate careers in the health and education professions, our programs of study provide clear and strong foundations for continued graduate school training. Our students have pursued graduate degrees in adapted physical activity, athletic training, exercise physiology, healthcare administration, health education, medicine, occupational therapy, nursing, physical education, physical therapy, physician assistant, public health, sport and exercise psychology, sports medicine, strength and conditioning, and other health-related fields.

Physical Education Teacher K-12

The mission of the Physical Education program is to create and disseminate knowledge, engage in community service, and prepare caring and competent physical education teaching professionals. The Physical Education Teacher K-12 major is designed to specifically prepare teachers and leaders for elementary and secondary schools. Physical education majors will develop the knowledge and skills necessary for success on state certification exams, in professional practice teaching K-12 physical education, and during post-graduate work associated with the physical education discipline including physical

education, health education, special education, adapted physical activity, curriculum and instruction, supervision and administration, and other education related fields. The program is approved by the New York State Education Department (NYSED). Program completion leads to NYSED teaching certification in Physical Education K-12. NYSED has certification reciprocity agreements with many other states. The program is also accredited by the Association for Advancing Quality in Educator Preparation (AAQEP).

Physical Education – Program Learning Goals

1. *Content Knowledge.* Students will be able to describe the underlying scientific foundations of physical education and its applications to planning, teaching, and evaluation. This includes critically evaluating scholarly work related to exercise science and demonstrating the ability to make practical applications based on this research.
2. *Pedagogical Knowledge and Skills.* Students will be able to demonstrate pedagogical knowledge in the physical education discipline and the skills to apply this knowledge to positively impact all learners. With this, students will be able to plan, implement, and assess a variety of developmentally appropriate psychomotor, cognitive, and affective learning experiences aligned with professional standards to address the diverse needs of all learners.
3. *Cultural, Historical, and Philosophical Dimensions.* Students will be able to describe the cultural, historical, and philosophical dimensions of physical education and its applications to planning, professional practice, and evaluation. Within this, and consistent with our Lasallian mission, students will be able to demonstrate an appreciation of cultural diversity along with the ability to make ethical decisions based on this knowledge.
4. *Physical Activity in Health, Wellness, and Quality of Life.* Students will be able to describe the relationship between physical activity participation and health, wellness, and quality of life.
5. *Professional Responsibility.* Students will be able to demonstrate professional responsibility and the disposition to grow professionally consistent with state and national organizations associated with the physical education teaching discipline. This goal includes demonstrating physical literacy with knowledge, skills, and competency in movement performance and health-enhancing fitness as described in National Standards & Grade-Level Outcomes for K-12 Physical Education.

Physical Education Teacher K-12 - Curriculum/ Courses

Physical Education majors must achieve a grade of “C” or better in all KIN courses.

The below plan of study grid is a general guide to completing the major but there are some courses that are offered both in the fall and spring semesters and provide additional options.

First Year

Fall	Credits	Spring	Credits
KIN 100		2 KIN 229	2
KIN 110		3 RELS 110	3
KIN 246		2 SPCH 204	3

ENGL 110	3 MATH 151 or MATH 230	3
BIOL 103	2 Language	3
BIOL 183	1 KIN 121 (Fee Required)	3
Language	3	

16	17
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Second Year

Fall	Credits	Spring	Credits
KIN 213		3 KIN 101	2
EDUC 202 or EDUC 303		3 KIN 217	3
BIOL 207		3 KIN 337	2
BIOL 287		1 EDUC 201	3
PSYC 203		3 BIOL 208	3
REL Elect (200 level)		3 BIOL 288	1
		ART Elective	3

16	17
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Third Year

Fall	Credits	Spring	Credits
KIN 113		2 KIN 309	2
KIN 306		3 KIN 315	0
KIN 307		0 KIN 305	3
KIN 331		2 KIN 413	3
KIN 423		3 KIN 422	3
EDUC 301		3 EDUC 311	3
EDUC 408		3 EDUC 360	3
		Educating All Students (EAS) Certification Exam upon completion of EDUC 301, EDUC 408, KIN 213, & KIN 305	

16	17
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Fourth Year

Fall	Credits	Spring	Credits
KIN 418		2 KIN 209	1
SOC 201		3 KIN 415 (*)	3
ENGL Elect (Lit)		3 KIN 416 (*)	3
Rel Elect (300 level)		3 KIN Elective	2
PHIL Elect		3 Elective	3
		Content Specialty Test (CST) Certification Exam	

14	12
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Total Credits: 125

- * Prerequisite KIN 213 & KIN 305; Applicants for Supervised Practice Teaching (KIN 415 and KIN 416) must have senior status, at least a 2.75 index overall, a C or better in all KIN and 300 and 400 level BIOL courses, and meet standards established for the profession. Application deadlines for student Teaching, first Monday in March for Fall semester; first Monday in October for Spring semester.

Criteria for Formal Admission to Teacher Education in Physical Education

1. Receive a grade of C+ or better in ENGL 110. Students who receive a grade of C or C- must take ENGL 210 as a follow-up to ENGL 110. Students who receive a grade of D or lower must retake ENGL 110 .
2. Successfully complete the Freshman and Sophomore Science Sequence, and MATH 230 or MATH 151 with a grade of "C" or better.
3. Successfully complete KIN 110 with a grade of "C" or better. SAVE and Child Abuse requirements are contained within this course.
4. Successfully complete the Kinesiology Majors Skills Camp (KIN 121) with a grade of "C" or better and a grade point average of 2.75 or better.
5. Successfully complete EDUC 201 and EDUC 202 with a grade of "C" or better and a grade point average of 2.75 or better.
6. Successfully complete KIN 213, KIN 217, and the Sophomore Skills Sequence with a grade of "C" or better and a grade point average of 2.75 or better.
7. Have both an overall Grade Point Average and academic concentration average of 2.75 or better with a "C" or better in all academic concentration coursework.
8. Receive a majority vote from Kinesiology faculty and exhibit professional behavior as defined by program faculty and stated on course syllabi.

Formal admission into the teacher education program. Students applying for formal admission into teacher education can receive one of three responses:

- **Unconditional** admittance into the program. If the student successfully meets all criteria he/she is formally admitted into the program and may proceed with the program of studies.
- **Conditional** admittance into the program. If the student has met most of the criteria and will be eligible for unconditional admittance by the end of the following semester (fifth semester) he/she may continue in the program and enroll in kinesiology or education courses for that semester. At the end of the conditional semester, the student automatically advances to unconditional admittance if all criteria are met. If the conditions are not met, the student will not be allowed to take additional upper division kinesiology or education courses until unconditional status is achieved. The student must reapply if unconditional status is not met by the end of the conditional semester.
- **Denied** for admittance into the program. If a student has a number of deficiencies which will take longer than one semester to correct, his/her application will be denied.

The student will not be allowed to continue with kinesiology or education classes until conditional admittance is achieved. When conditional admittance status is achieved, the student must meet the criteria listed under conditional admittance. The student in this category must reapply for admission to teacher education in physical education when he/she can document having met the criteria for admission.

Minor in Adapted Physical Education

All physical education and exercise science majors are eligible for a minor in Adapted Physical Education upon completion of these courses with a grade of C or higher in each course.

KIN 423	Adapted Physical Activity	3
KIN 424	Adapted Exercise & Sport	3
KIN 421	Therapeutic Recreation	2
EDUC 301	Nature and Needs of Students with Disabilities	3
EDUC 408	Classroom & Instructional Management for Diverse Learners	3
Total Credits		14

Exercise Science

The mission of the Exercise Science program is to create and disseminate knowledge, engage in community service, and prepare caring and competent exercise science professionals. Exercise science majors will develop the knowledge and skills necessary for success in professional positions and post-graduate work associated with the exercise science and kinesiology disciplines. The program provides a solid foundation for continued graduate school study in physical therapy, occupational therapy, exercise physiology, athletic training, adapted physical activity, sport and exercise psychology, public health, health promotion/community health, sports medicine, and other health-related/medical professions. Exercise Science courses also contribute to the requirements for certification as an Exercise Specialist from the American University of Sports Medicine and/or as a Certified Strength and Conditioning Specialist from the National Strength and Conditioning Association.

Exercise Science – Program Learning Goals

1. *Scientific Foundations of Exercise Science.* Students will be able to describe the underlying scientific foundations of exercise science and its applications to planning, professional practice, and evaluation. This includes critically evaluating scholarly work related to exercise science and demonstrating the ability to make practical applications based on this research.
2. *Observe, Analyze, and Evaluate Human Movement.* Students will be able to observe, analyze, and evaluate human movement and apply appropriate instructional intervention. With this, students will demonstrate the ability to plan, implement, and assess a variety of developmentally appropriate physical activity experiences.

3. *Cultural, Historical, and Philosophical Dimensions.* Students will be able to describe the cultural, historical, and philosophical dimensions of exercise science and its applications to planning, professional practice, and evaluation. Within this, and consistent with our Lasallian mission, students will be able to demonstrate the appreciation of cultural diversity along with the ability to make ethical decisions based on this knowledge.
4. *Physical Activity in Health, Wellness, and Quality of Life.* Students will be able to describe the relationship between physical activity participation and health, wellness, and quality of life.
5. *Professional Responsibility.* Students will be able to demonstrate professional behavior consistent with the exercise science discipline including adherence to professional ethics and service to others; and an appreciation and commitment to physical activity practice.

Preparation for Graduate Study in Physical Therapy, Occupational Therapy, and Other Health Professions

Students preparing for professional school admission in physical therapy, occupational therapy, and other health professions should major in Exercise Science and plan courses in consultation with their Kinesiology & Health faculty advisor and/or the Chair of Kinesiology. Prerequisites for graduate study may include, but may not be restricted to, the following elective courses:

MATH 155 or MATH 100	Calculus for the Life Sciences I (First Year) Pre-Calculus Mathematics	4
MATH 230	Elementary Statistics (First Year)	3
PHYS 105	Principles of Physics I (Second Year - Fall)	3
PHYS 106	Principles of Physics II (Second Year - Spring)	3
PHYS 185	Principles of Physics I Lab	1
CHEM 101	General Chemistry I (Third Year - Fall)	3
PHYS 186	Principles of Physics II Lab	1
CHEM 103	General Chemistry Laboratory I	1
CHEM 102	General Chemistry II (Third Year - Spring)	3
CHEM 104	General Chemistry Laboratory II	1
PSYC 421	Psychopathology (Fourth Year - substitute for KIN 303)	3

Total Credits

26

Exercise Science majors interested in the premedical professions (e.g., Physician's Assistant, Sports Medicine) are advised to substitute Principles of Biology (BIOL 115-118) with General Biology (BIOL 111-114) and register in BIOL 111/BIOL 191 First Year - Fall and BIOL 112/BIOL 192 First Year - Spring.

Exercise Science - Curriculum/Courses

Exercise Science majors must achieve a grade of "C" or better in all KIN courses. The below plan of study grid is a general guide to completing the major but there are some

courses that are offered both in the fall and spring semesters and provide additional options.

First Year

Fall	Credits	Spring	Credits
KIN 110		3 KIN 121	3
BIOL 131		3 BIOL 132	3
BIOL 181		1 BIOL 182	1
KIN 246		2 ENGL 110	3
CMPT 155		3 RELS 110	3
SOC 201		3 Elective	3
	15		16

Second Year

Fall	Credits	Spring	Credits
KIN 102		2 KIN 217	3
BIOL 207		3 PSYC 203	3
BIOL 287		1 BIOL 208	3
KIN 231		2 BIOL 288	1
SPCH 204		3 REL Elect (200 level)	3
Elective		3 Elective	3
MATH 151 or MATH 230		3	
	17		16

Third Year

Fall	Credits	Spring	Credits
BIOL 221		3 KIN 309	2
KIN 306		3 KIN 315	0
KIN 307		0 KIN 318	2
KIN 430		3 KIN 413	3
KIN Elective		2 KIN 419	2
ENGL Elect (Lit)		3 KIN Elective	2
Elective		3 Electives	6
	17		17

Fourth Year

Fall	Credits	Spring	Credits
KIN 209		1 KIN 414	3
KIN 303 or PSYC 421		3 KIN 424	3
KIN 418		2 KIN 443	2
KIN 421		2 Rel Elect (300 level)	3
KIN 445		2 KIN Elective	2

KIN 428 (*)	3	
	13	13

Total Credits: 124

*Applicants for Professional Practicum must have senior status, an overall index of at least 2.75, and meet standards established for the profession. Applicants must consult with Department Chair a full semester before placement. Placement interviews may be required. Practicum assignment must be confirmed the semester before the practicum experience.

Minor in Psychology

Exercise Science majors may earn a minor in Psychology by completing 15 credits in Psychology courses planned in consultation with and approval of the Chair of the Psychology. In addition to Introduction to Psychology I (PSYC 203), suggested courses most aligned with the Exercise Science major include: Motivation & Emotion (PSYC 333), Lifespan Development (PSYC 334), Health Psychology (PSYC 341), Abnormal Psychology (PSYC 421), Physiological Psychology (PSYC 435), and Sensation & Perception (PSYC 467).

PSYC 203	Introduction to Psychology	3
Additional credits in Psychology *		12
Total Credits		15

* Approval of the Chair of the Psychology Department required.

Minor in Business

Exercise Science majors may earn a minor in Business by completing 15 credits in Business courses. The minor in Business requires the completion of the following course sequence:

ACCT 201	Principles of Accounting I	3
ECON 203	Microeconomics	3
MGMT 201	Introduction to Management (Economics Elective)	3
MKTG 201	Essentials of Marketing	3
Business Elective (with proper prerequisites)		3
Total Credits		15

Minor in Biology

Exercise Science majors may earn a minor in Biology by completing 15 credits in Biology courses planned in consultation with and approval of the Chair of the Biology Department. Eight of these credits must be the General Biology sequence (BIOL 111-114). The remaining credits must be chosen from courses that satisfy Biology B.S. major requirements. Exercise Science majors interested in the Biology minor are advised to substitute Principles of Biology (BIOL 115-118) with General Biology (BIOL 111-114) and register in BIOL 111/BIOL 191 First Year - Fall and BIOL 112/BIOL 192 First Year - Spring.

BIOL 111	General Biology I (First Year - Fall)	3
BIOL 112	General Biology II (First Year - Spring)	3
BIOL 191	General Biology I Lab	1
BIOL 192	General Biology II Lab	1
Additional credits in Biology that satisfy Biology B.S. major requirements *		7
Total Credits		15

* Approval of the Chair of the Biology Department required.

Public Health

The mission of the Public Health program is to educate students in the foundational principles of public health and prepare them for careers aimed at improving the health and well-being of communities and populations. Students will be provided with a comprehensive understanding of public health concepts, theories, and methods through interdisciplinary coursework, practical experiences, and research opportunities. The key areas covered in this degree are epidemiology, environmental health, health policy and management, health education and promotion, and health care administration. An overall goal of this degree is to instill a commitment to social justice and equity by addressing health disparities and promoting health equity among diverse populations.

The program provides a solid foundation for future employment and graduate work. Overall, the mission of our public health program is to produce graduates who are well-equipped to address the complex challenges facing public health today and contribute to creating healthier and more equitable communities.

Public Health – Program Learning Goals

- 1. Historical and Theoretical Foundations:** Students will be able to describe the historical, cultural, and philosophical dimensions of Public Health and its applications to planning, professional practice, and evaluation.
- 2. Community Health/Environmental Health:** Students will be able to describe the behavioral, environmental, biological, and socio-economic determinants of health that impact human health and health disparities
- 3. Health Policy and Management:** Students will be able to describe the legal, ethical, economic, and regulatory aspects of public health practice and health policy.
- 4. Epidemiology/Statistics/Determinants of Health:** Students will be able to describe the discipline of epidemiology and its role in public health practice and decision-making. Students will analyze and examine data collection to develop evidence-based methods to approach population and community public health concerns.
- 5. Professional Responsibility/Ethics:** Student will be able to demonstrate professional behavior consistent with department expectations including an adherence to professional ethics, service to others, and an appreciation and commitment to public health practice.

Public Health - Curriculum/Courses

Public Health majors must achieve a grade of "C" or better in all KIN/PHP courses. The below plan of study grid is a general guide to completing the major but there are some courses that are offered both in the fall and spring semesters and provide additional options.

First Year

Fall	Credits	Spring	Credits
BIOL 131		3 CMPT 155	3
BIOL 181		1 BIOL 132	3
ENGL 110		3 BIOL 182	1
RELS 110		3 KIN 110	3
MATH 151		3 ENGL Elect	3
SOC 201		3 PHP 206	3
	16		16

Second Year

Fall	Credits	Spring	Credits
BIOL 221		3 BIOL 208	3
BIOL 207		3 BIOL 288	1
BIOL 287		1 REL Elect (200 level)	3
SPCH 204		3 KIN 304	3
PHP 318		3 PHP 392	3
PSYC 203		3 RHS 220	3
	16		16

Third Year

Fall	Credits	Spring	Credits
PHP 410		3 PHP 427	3
ENSC 101		3 KIN 430	3
SOC 304		3 PSYC 374	3
RHS 471		3 PHP 412	3
MGMT 201		3 RHS 472	3
	15		15

Fourth Year

Fall	Credits	Spring	Credits
PHP 418		3 PHP 426	3
REL Elective		3 MGMT 320	3
ECON 203		3 KIN 209	1
RHS 481		3 PHP 416	3
Elective		3 Electives	6
	15		16

Total Credits: 125

HEALTH SCIENCE

The Health Science major includes the application of science to the human body and behavior and can provide the foundation for successful careers in the health professions. Exciting careers in the health professions cross-cut many sectors including healthcare, the pharmaceutical industry, government and nonprofits.

There is an increasing demand for positions in the health professions due to the growth of the US healthcare system and our aging population. The Bureau of Labor Statistics (<https://www.bls.gov/ooh/healthcare/>) has projected that openings in healthcare professions in the US will grow by 13% - much faster than the average for all occupations from 2023 to 2033. They predict that approximately 1.9 million openings in these professions are projected per year. In New York State, the needs in health-related professions outpaces the needs in other job sectors. Jobs in healthcare in New York have not rebounded back to pre-pandemic levels. The greatest need in New York State is for more registered nurses (Healthcare Workforce: NYC Trends (<https://www.chwsny.org/wp-content/uploads/2023/05/Health-Care-Workforce-NYS-Trends-2023-Final.pdf>)).

In addition to employment growth, need, and opportunities for the health professions, U.S. News and World Report (<https://money.usnews.com/careers/best-jobs/rankings/best-healthcare-jobs/>) identified seven careers in the health professions that demonstrated strong outlooks and high job satisfaction. These seven careers include; nurse practitioner, physician assistant, speech language pathologist, occupational therapist, veterinarian, nurse anesthetist and physical therapist.

The Manhattan University Health Science major will position students for success in the health related profession. Students will enjoy small class sizes ensuring individualized attention, a minor in public health that is embedded into the major curriculum and a capstone experience tailored to the future career goals of the student.

By the completion of the program, students will:

- Apply scientific inquiry skills and evidenced-based thinking practices to identify and evaluate information in the health sciences disciplines
- Know the history of public health and its implications on current practices in healthcare
- Appreciate the importance of ethical and equitable decision making practices in all health related decisions
- Demonstrate competency in oral and written communication and presentation skills
- Work collaboratively in diverse teams
- Participate in experiential learning, drawing on and documenting a variety of sources deemed appropriate for academic work and synthesize findings in a coherent way

BIOL 111	General Biology I	3
BIOL 191	General Biology I Lab	1
BIOL 112	General Biology II	3

BIOL 192	General Biology II Lab	1
BIOL 207	Anatomy and Physiology I	3
BIOL 287	Anatomy & Physiology I Lab	1
BIOL 208	Anatomy and Physiology II	3
BIOL 288	Anatomy & Physiology II Lab	1
BIOL 225	Microbiology	3
BIOL 295	Microbiology Lab	1
CHEM 101	General Chemistry I	3
CHEM 103	General Chemistry Laboratory I	1
CHEM 102	General Chemistry II	3
CHEM 104	General Chemistry Laboratory II	1
CHEM 319	Organic Chemistry I	3
CHEM 323	Organic Chemistry Laboratory I	2
CHEM 320	Organic Chemistry II	3
CHEM 324	Organic Chemistry Laboratory II	2
CMPT 155	Computer Applications for Life Sciences	3
KIN 110	Personal Wellness	3
KIN 209	1st Aid/Emergencies/CPR	1
KIN 430	Stress Management	3
MATH 157	Foundations of Data Science	3
PHP 206	Introduction to Public Health *	3
PHP 318	Essentials for Public Health Practice *	3
PHP 392	Foundations of Public Health Policy *	3
PHP 426	Practicum in Public Health *	3
PHP 427	Disparities in Health *	3
PHYS 107	Introduction to Physics I	3
or PHYS 105	Principles of Physics I	
PHYS 193	Introduction to Physics I Lab	1
or PHYS 185	Principles of Physics I Lab	
PHYS 108	Introduction to Physics II	3
or PHYS 106	Principles of Physics II	
PHYS 194	Introduction to Physics II Lab	1
or PHYS 186	Principles of Physics II Lab	
PSYC 203	Introduction to Psychology	3
PSYC 334	Lifespan Development	3
RHS 220	US Health Care Systems	3
RHS 420	Ethics in Healthcare	3
SOC 317	Anthropology of Drugs	3
or SOC 335	Culture, Health, and Illness	

- *Courses required for embedded Public Health minor

Curriculum

The Health Science curriculum provides students with a well-rounded foundation in the liberal arts, sciences and health. Embedded in the curriculum for this degree program are the courses required for a Public Health minor.

First Year

Fall	Credits	Spring	Credits
BIOL 111		3 BIOL 112	3
BIOL 191		1 BIOL 192	1
MATH 185 or 155		4 MATH 157 or 230	3
ENGL 110 or 210		3 RELS 110	3
PSYC 150		3 SOC 150	3
KIN 110		3 PHP 206	3
	17		16

Second Year

Fall	Credits	Spring	Credits
BIOL 207		3 BIOL 208	3
BIOL 287		1 BIOL 288	1
BIOL 221		3 150 Course Elective	3
150 Course Elective		3 General Elective	3
PHP 318		3 CHEM 102	3
CHEM 101		3 CHEM 104	1
CHEM 103		1 RHS 220	3
	17		17

Third Year

Fall	Credits	Spring	Credits
CHEM 319		3 CHEM 320	3
CHEM 323		2 CHEM 324	2
150 Course Elective		3 BIOL 225	3
CMPT 155		3 BIOL 295	1
PSYC 334		3 RELS 200 Level Course	3
PHP 427		3 KIN 430	3
	17		15

Fourth Year

Fall	Credits	Spring	Credits
PHYS 107 or 105		3 PHYS 108 or 106	3
PHYS 193 or 185		1 PHYS 194 or 186	1
150 Course Elective		3 RELS 300 Level ^{RELS 373 preferred}	3
RHS 420		3 PHP 426	3
SOC 317 or 335		3 Gen Elect (i.e.BIOL 217/297 or PSYC 374)	3 or 4

Total Credits: 129-130

Healthcare Administration

The Healthcare Administration program focuses on leadership and administration within the healthcare environment. The curriculum provides a unique, health science-based training to support the responsibilities required of the healthcare administrators of today. It is our goal to supply regional healthcare employers with competently trained administrators.

According to the Bureau of Labor Statistics, the job growth in healthcare administration is projected to grow 29% between 2023 to 2033 (<https://www.bls.gov/ooh/management/medical-and-health-services-managers.htm>), accessed 8/2024). This projected growth is faster than the average projected growth for all occupations. The demand for positions in this area is due to the growth of the US healthcare system and our aging population. The US Census Bureau reports that there will be a 47% increase in the number of Americans ages 65 and older by 2050 (<https://www.census.gov/data/tables/2023/demo/popproj/2023-summary-tables.html>), accessed 8/2024). In 2023, the median salary for healthcare administrators with Bachelor's degrees was \$110,680.

A BS in healthcare administration affords graduates with opportunities in many different professions in healthcare. Job prospects for individuals with Bachelor's degrees in healthcare administration include:

1. **Healthcare Administrator:** Individual who manages business operations in medical facilities such as private medical offices, hospitals or nursing homes. The individual may also have a role in strategic planning and policy implementation for facilities that they serve.
2. **Clinical Coordinator:** Individual who coordinates patient care and ensures compliance with federal, state and regional healthcare regulations.
3. **Health Information Manager:** Individual responsible for managing patient electronic health records (EHRs) and ensuring the accuracy and confidentiality of health information.
4. **Public Health Administrator:** Individual employed by public health organizations who manages programs and initiatives to improve community health.

Students who enroll in the Manhattan University Healthcare Administration program will receive a well-rounded curriculum for a career in that field. The curriculum provides a strong foundation for successful entry level employment in healthcare administration or for admission into graduate programs in healthcare administration. Embedded in the curriculum for this degree program are the courses required for a Public Health minor.

By the completion of the program, students will:

- Evaluate the structure and needs of the U.S. healthcare system, including the organization and management of American medical facilities

- Apply managerial accounting and finance skills to healthcare-related tasks and initiatives
- Analyze the social, legal, and economic aspects of a healthcare problem/situation in order to devise an appropriate strategy to address the issue
- Develop skills to identify and coordinate ethical organizational behavior within the healthcare system
- Demonstrate competency in oral and written communication and presentation skills
- Conduct research, drawing on and documenting a variety of sources deemed appropriate for academic work and synthesize findings in a coherent way.

Required Courses for the B.S. degree:

BIOL 131	Principles of Biology I	3
BIOL 181	Principles of Biology I Lab	1
BIOL 132	Principles of Biology II	3
BIOL 182	Principles of Biology II Lab	1
BIOL 207	Anatomy and Physiology I	3
BIOL 287	Anatomy & Physiology I Lab	1
BIOL 208	Anatomy and Physiology II	3
BIOL 288	Anatomy & Physiology II Lab	1
BIOL 221	Introductory Nutrition	3
CMPT 155	Computer Applications for Life Sciences	3
ECON 203	Microeconomics	3
or ECON 204	Macroeconomics	
KIN 110	Personal Wellness	3
KIN 209	1st Aid/Emergencies/CPR	1
MATH 155	Calculus for the Life Sciences I	4
KIN 430	Stress Management	3
MATH 157	Foundations of Data Science	3
PHP 206	Introduction to Public Health *	3
PHP 318	Essentials for Public Health Practice *	3
PHP 392	Foundations of Public Health Policy *	3
PHP 410	Principles of Epidemiology	3
PHP 412	Health Research Methods	3
PHP 426	Practicum in Public Health *	3
PHP 427	Disparities in Health *	3
PSYC 203	Introduction to Psychology	3
PSYC 374	Organizational Psychology	3
RHS 220	US Health Care Systems	3
RHS 420	Ethics in Healthcare	3
RHS 471	Healthcare Organization and Management	3
RHS 472	Financial Management in Healthcare	3
RHS 481	Legal Aspects in Health Care	3

SCI 203	Topics in Science I	3
SOC 317 or SOC 335	Anthropology of Drugs Culture, Health, and Illness	3
Total Credits		87

*Courses required for embedded Public Health minor.

Healthcare Administration Curriculum

First Year

Fall	Credits	Spring	Credits
BIOL 131		3 BIOL 132	3
BIOL 181		1 BIOL 182	1
MATH 155		4 MATH 157 or 230	3
ENGL 110 or 210		3 RELS 110	3
PSYC 150 or 203		3 SOC 150	3
KIN 110		3 PHP 206	3
		17	16

Second Year

Fall	Credits	Spring	Credits
BIOL 207		3 BIOL 208	3
BIOL 287		1 BIOL 288	1
BIOL 221		3 ENGL/HIST/PHIL/ART or MUSC 150 Course	3
ENGL/HIST/PHIL/ART or MUSC 150 Course		3 PSYC 374	3
ECON 203		3 SCI 203	3
PHP 318		3 RHS 220	3
		16	16

Third Year

Fall	Credits	Spring	Credits
PSYC 374		3 RHS 472	3
ENGL/HIST/PHIL/ART or MUSC 150 Course		3 RHS 481	3
CMPT 155		3 RELS 200 Level Course	3
PHP 410		3 KIN 430	3
PHP 427		3 General Elective	3
		15	15

Fourth Year

Fall	Credits	Spring	Credits
RELS 300 Level (prefer 373)		3 PHP 412	3
RHS 471		3 PHP 426	3

ENGL/HIST/PHIL/ART or MUSC 150 Course	3 PHP 392	3
RHS 420	3 Two General Electives	6
SOC 317 or 335	3	
KIN 209	1	
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	16	15

Total Credits: 126