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ACADEMIC PROGRAMS

LaGuardia Community College provides its students with a wide range of learning opportunities in the areas of personal growth, academic achievement and career preparation. To meet these goals, the College has created a variety of academic programs. For students who are uncertain about their career goals, LaGuardia has excellent Liberal Arts programs. The College offers programs leading to three degrees: the Associate of Arts (AA), the Associate of Science (AS), and the Associate of Applied Science (AAS). In addition, the College offers five Certificate programs. The programs of study include:

ASSOCIATE OF ARTS

- Communication Studies
- Education Associate: The Bilingual Child
- Education
 - Early Childhood Education Option
 - Childhood Education Option
 - Secondary Education Option
- English
 - Creative Writing Track
- Film and Television
- Human Services
- Liberal Arts: Social Sciences and Humanities
 - Deaf Studies Option
 - Ethnic Studies Option
 - History Option
 - International Studies Option
 - Japanese Option
 - Journalism Option
 - Latin American Studies Option
 - Political Science Option
 - Teaching English to Speakers of Other Languages (TESOL)/Linguistics Option
 - Women, Gender and Sexuality Studies Option
- Philosophy
- Psychology
- Spanish-English Translation

CERTIFICATE PROGRAMS

- Commercial Photography
- Digital Media Arts
- Network and Information Security
- Paralegal Studies
- Practical Nursing

ASSOCIATE OF SCIENCE

- Accounting
- Biology
 - Biotechnology Track
- Business Administration
 - Healthcare Management Option
- Civil Engineering
- Computer Science
- Criminal Justice
- Electrical Engineering
- Environmental Science
 - Sustainable Urban Agriculture Option
- Fine Arts
 - Design Studies Option
- Hospitality, Tourism and Events Management
- Liberal Arts: Mathematics and Science
 - Applied Mathematics Option
- Mechanical Engineering
 - Earth System Science and Environmental Engineering Option
- Music Performance
- Physical Sciences
 - Chemistry Track
 - Physics Track
- Public and Community Health
- Theater
- Therapeutic Recreation

ASSOCIATE OF APPLIED SCIENCE

- Commercial Photography
 - Fine Arts Photography Option
- Computer Technology
- Energy Technician
- Industrial Design Technology
- Music Recording Technology
- Network Administration and Information Security
- New Media Technology
- Nursing
- Nutrition and Culinary Management
- Occupational Therapy Assistant
- Paralegal Studies
- Physical Therapist Assistant
- Programming and Software Development
- Radiologic Technology
- Veterinary Technology

ACCOUNTING

www.laguardia.edu/accounting

Program Director: Professor Kathleen Forestieri
kforestieri@lagcc.cuny.edu

The Accounting Program, by the Business and Technology Department, leads to an Associate in Science (AS) degree. The Program provides a solid foundation in accounting, business and liberal arts for students who plan to transfer to a four-year college to earn a Bachelor's degree in Accounting.

Accountants are highly respected professionals. They are in demand from all sectors of our economy including large corporations, government agencies, small businesses, and individuals who need advice on investments or taxes. Businesses, large or small, public or private, seek accounting professionals to manage and analyze financial matters. Through a study of the field of accounting you can learn the skills you need to become one of those professionals, and a two-year degree will place you well on your way to an accounting career. Exciting, well-paid career options exist in finance, entertainment, sports, criminal investigations, the food and fashion industry, international trade, retail and forensic accounting.

Accounting AS Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following:</i>	3
MAT107 Mathematics and the Modern World	
MAT123 - Modern Problem Solving (Depending on Placement Scores)	
MAT115 College Algebra and Trigonometry (MAT117 Algebra and Trigonometry depending on placement scores)	
MAT120 Elementary Statistics (MAT119 Statistics with Elementary Algebra depending on placement scores)	

Life and Physical Sciences: 3 credits

<i>Select one of the following:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCC102 Chemistry of Photography	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 credits

18

Select one course from each of the five flexible core categories AND one additional course from any flexible core category. Note: Student can select only two courses from any one discipline.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

PROGRAM CORE: 30 CREDITS

Business and Technology: 28 credits

BTF101 First Year Seminar for Business	2
BTA111 Principles of Accounting I	3
BTA112 Principles of Accounting II	3
BTA201 Intermediate Accounting I	3
BTA202 Intermediate Accounting II	3
BTC200 Introduction to Information Systems	3
BTM101 Introduction to Business	3
BTM110 Business Law I	3
BTM106 Business Communication	3
Unrestricted Elective	2

<i>Select one of the following:</i>	2
BTI201 Business Internship	
BTM105 Financial Planning & Individual Investing	

TOTAL CREDITS:	60
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BIOLOGY

www.laguardia.edu/biology

Program Director: Professor Na Xu

nxu@lagcc.cuny.edu

The Biology Program, offered by the Natural Sciences Department, leads to an Associate in Science (AS) Degree. In addition, students will be able to transfer to Senior CUNY colleges.

The goals of the Biology Program are:

- ▶ To introduce students to hypothesis-driven science and hands-on research through required coursework and supervised research laboratory internship.
- ▶ To connect students, biology, and lived experience through an integrated curriculum
- ▶ To prepare students for successful transfer to a four-year college and ultimately graduate or medical school

An important aspect of the Biology curriculum is that students will have the opportunity to participate in hands-on research. All Biology majors will take Fundamentals of Biotechniques — a course in which students will perform common laboratory techniques as well as learn the concepts behind these techniques. The most exciting aspect of this course will be designing experiments and interpreting the data collected, while learning how to conduct research responsibly. The capstone course for Biology Majors is Cell Biology. Here, students will conduct a small research project in class, and give oral presentations that will be deposited into their capstone electronic portfolios (ePortfolios).

Students graduating LaGuardia with an AS in Biology will be able to transfer and enroll in upper-level Biology courses without difficulty at an articulating four-year college. The Biology curriculum at LaGuardia is modeled after a curriculum that students attending a four-year college would be expected to take during the first two years of study. LaGuardia graduates will have completed several general education requirements and several science requirements needed for completion of a Bachelor's Degree in Biology: a year of general biology (a pre-requisite for upper-level biology courses at senior colleges), a year of general chemistry and a year of organic chemistry. Students will showcase selected assignments and accomplishments in a Biology ePortfolio that can include in their admissions application and share with potential faculty mentors at a specific senior college.

Biology AS Degree

PATHWAYS COMMON CORE: 33 CREDITS

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I (ENA101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses:	3
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	

Life & Physical Sciences: 4 credits

SCB201 Fundamentals of Biology I (STEM)	4
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B. FLEXIBLE CORE: 20 credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category. Note: Student can select only two courses from any one discipline.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are required to select one Urban Study course to complete college requirements.

Students are advised to take SCC201/SCC202 as the scientific world flexible core and the additional flexible core as the courses are pre-requisites for SCC251 and SCB257. Note:

The scientific world and additional flexible core courses are 4 credits each. To complete the 20 credits degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed in the program handbook.

PROGRAM CORE: 27 CREDITS

NSF101 First Year Seminar for Natural Sciences	2
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Science: 9 credits

SCB202 General Biology II	4
SCC251 Organic Chemistry I	5

Select one of the following tracks:

GENERAL BIOLOGY TRACK (16 CREDITS)

SCC252 Organic Chemistry II	5
SCB252 Fundamentals of Biotechniques	3
SCB255 Cell Biology [capstone]	4
Unrestricted Elective	4

BIOTECHNOLOGY TRACK (16 CREDITS)

Math: 4 credits	
MAT200 Pre-Calculus	4
Biotechnology: 10 credits	
SCB207 Genomics and Bioinformatics	3
SCB257 Genetics [capstone]	4
Select one of the following courses:	3
SCI204 Research in Natural Sciences	
SCB252 Fundamentals of Biotechniques	
Unrestricted Elective	2

TOTAL CREDITS: 60

* For a list of approved courses, go to: www.laguardia.edu/Pathways/

BUSINESS ADMINISTRATION

www.laguardia.edu/BusinessAdministration

Program Director Business Administration:
Professor Edward Goodman
egoodman@lagcc.cuny.edu

Program Director Healthcare Management:
Professor Bindu Pillai
bpillai@lagcc.cuny.edu

The Business Administration Program, offered by the Business & Technology Department, leads to an Associate in Science (AS) degree. It is designed to provide a general foundation in the basic areas of business and to prepare students for transfer to business programs at four-year colleges. Students interested in pursuing business careers such as entrepreneurship, finance, human resources, international business, management, marketing and real estate can major in Business Administration at LaGuardia in preparation for these more specific programs at four-year colleges.

The Program also offers an option in Healthcare Management. This option is designed to provide a general foundation in the basic areas of healthcare management and to prepare students for transfer to healthcare management programs at four-year colleges. Students receive training to eventually become healthcare managers, who manage the way healthcare is delivered. These individuals are responsible for how healthcare is implemented in the everyday practices of hospitals, doctor's offices, clinics and nursing homes/long term care units.

Business Administration AS Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (EN101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

Select one course from the following:	3
MAT107 Mathematics and the Modern World	
MAT123 Modern Problem Solving (or Depending on Placement Scores)	
MAT115 College Algebra and Trigonometry (MAT117 Algebra and Trigonometry depending on placement scores)	
MAT120 Elementary Statistics (MAT119 Statistics with Elementary Algebra depending on placement scores)	

Life & Physical Sciences: 3 credits

Select one course from the following:	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCC102 Chemistry of Photography	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 credits

18

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.
Note: Student can select only two courses from any one discipline.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

PROGRAM CORE: 30 CREDITS

Select one option:

A. BUSINESS ADMINISTRATION (28 credits*)

BTF101 First Year Seminar for Business	2
BTA111 Principles of Accounting I	3
BTA112 Principles of Accounting II	3
BTC200 Introduction to Information Systems	3
BTM101 Introduction to Business	3
BTM103 Principles of Management	3
BTM104 Principles of Marketing	3
BTM106 Business Communication	3
BTM110 Business Law I	3

Select one course from the following: 2

BTI201 Business Internship	
BTM105 Financial Planning & Individual Investing	

B. HEALTHCARE MANAGEMENT (28 Credits)

BTF101 First Year Seminar for Business	2
BTA111 Principles of Accounting I	3
BTA112 Principles of Accounting II	3
BTM103 Principles of Management	3
BTM110 Business Law I	3
BTO125 Medical Terminology	3
BTO170 Electronic Health Records	3
BTO270 Health Insurance: Billing & Reimbursement	3
BTO280 U.S. Healthcare Administration & Delivery	3
SCN195 Community Health	2

C. AVIATION MANAGEMENT

Closed for admission

Unrestricted Elective: 2 credits

TOTAL CREDITS: 60

*With permission of the Department Chair, students may substitute BTM251 & BTM254. Please add or select courses in the program core after BTM254.



Photo: ©LaGCC

COMMERCIAL PHOTOGRAPHY

www.laguardia.edu/commercial-photography
 Program Director: Professor Scott Sternbach
 ssternbach@lagcc.cuny.edu

The Commercial Photography Program, offered through the Humanities Department, offers both an Associate in Applied Science (AAS) degree, and/or a one-year certificate.

The one-year Certificate curriculum emphasizes basic and intermediate photography skills and is an excellent introduction to commercial laboratory techniques. It is particularly suited to individuals interested in seeking employment in a commercial photography lab. Students will learn to process color transparencies and color negative film, and print color photographs using professional automated equipment. In addition to color photography, the curriculum involves the student in intensive traditional black-and-white photography techniques including photo chemistry, lighting, mathematics, and basic techniques of the commercial photographer.

The two-year AAS degree program is designed to train and qualify graduates for entry-level positions in the commercial photography industry. The first year of the program is almost identical to that of the certificate curriculum. In the second year, the student concentrates on advanced concepts and techniques of commercial photography, including 4x5 camera, electronic flash and tungsten illumination.

The program also offers two additional paths of study, in addition to the traditional Commercial Photography Program: the Digital Photography and Fine Art Photography Options.

Commercial Photography Curriculum: AAS Degree

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I (or ENA101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following:</i>	3
MAT107 Mathematics and the Modern World (Depending on Placement Scores)	
MAT123 Modern Problem Solving (Depending on Placement Scores)	
MAT115 College Algebra and Trigonometry (MAT117 Algebra and Trigonometry depending on placement scores)	
MAT120 Elementary Statistics (MAT119 Statistics with Elementary Algebra depending on placement scores)	

Life and Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCC102 Chemistry of Photography	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 9 Credits*

To complete the degree requirements from the Flexible Core, students are advised to select three courses from the five Flexible Core categories. Note: Only one course can be selected from any one category and select courses from three different disciplines.

- World Cultures and Global Issues
- US Experience in its Diversity
- Creative Expression
- Individual and Society
- Scientific World

PROGRAM CORE: 39 CREDITS

Commercial Photography: 27 credits

HAF090 First Year Seminar for Theater and Photography	0
HUA130 Beginning Photography	3
HUA131 Digital Photography I	3
HUA231 Digital Photography II	3
HUA230 Intermediate Photography	3
HUA145 Studio Lighting I	3
HUA245 Studio Lighting II	3
HUA234 Color Photography	3
HUA275 Commercial Photography Workshop	3
HUA280 Commercial Photography Seminar	3

Humanities : 12 credits

HUA202 History of Photography	3
HUN191 Photojournalism	3

Select two of the following: 6

HUA155 The View Camera	3
HUA238 Alternative Photography	3
HUA291 Experiential Learning in Photography	3
HUC240 Video Production Workshop	3

TOTAL CREDITS: 60

FINE ARTS PHOTOGRAPHY OPTION:

The Photography Program, in conjunction with the Fine Arts degree Program, also offers a Fine Arts Photography option within the Commercial Photography degree. This option is not only a counterpoint to the specifically commercial nature of the photo degree, certificate, and Digital option, but is a response to overwhelming interest in photography as an art form shown by inquiring students in both majors. The Fine Arts option focuses on traditional techniques, their integration with digital technology, and the development of the conceptual building blocks required to make a fine art statement.

Students will also receive essential information on business practices, self-promotion, portfolio development and how to secure employment as either a photographer’s assistant or staff photographer. Additional courses focus on content, such as color theory, computer art (graphics, necessary as an introduction to digital imagery), two-dimensional design and photojournalism. This AAS degree is also an excellent vehicle through which to transfer to a variety of four-year colleges with professional programs in photography.

HAF090 First Year Seminar for Theatre and Photography 0

Humanities: 9 credits

HUA202 History of Photography 3

Select two of the following: 6

HUA104 Introduction to Design 3

HUA115 Color Theory 3

HUA126 Computer Art II 3

Select one of the following: 3

HUN191 Photojournalism

HUN192 Art and Society

Fine Arts Photography

HUA103 Beginning Drawing 3

HUA125 Computer Art I 3

HUA130 Beginning Photography 3

HUA155 The View Camera 3

HUA230 Intermediate Photography 3

HUA234 Color Photography 3

HUA238 Alternative Photography: The Manipulated Image 3

HUC240 Video Production Workshop 3

Unrestricted Electives: 3 credits 3

TOTAL CREDITS: 60

Commercial Photography Certificate

Commercial Photography: 24 credits

HUA130 Beginning Photography 3

HUA131 Digital Photography I 3

HUA145 Studio Lighting I 3

HUA230 Intermediate Photography 3

HUA231 Digital Photography II 3

HUA 234 Color Photography 3

HUA245 Studio Lighting II 3

Humanities: 3 credits

Select one of the following courses: 3

HUA155 The View Camera

HUA238 Alternative Photography

TOTAL CREDITS: 24



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COMMUNICATION STUDIES

www.laguardia.edu/communication-studies

Program Director: Dr. Kai-Chun (Andy) Chuang

kchuang@lagcc.cuny.edu

The Communication Studies Program strives to combine both the theoretical framework and the practical skills of communication. Coordinated by the Humanities Department, the Communication Studies Program leads to an Associate of Arts (AA) degree with four areas of concentration: Public Relations and Strategic Communication, Speech Pathology, Digital Communication and Society, and Communication Generalist. Using participatory learning, students work to enhance their oral, written, and critical thinking skills. Emphasis is placed on communication in social, professional, culturally diverse settings, in the context of a multimedia, globalized world. The aim of the Communication Studies Program is to assist students in transferring to four-year colleges or to begin a career in a related industry.

Communication is an area of study that focuses on how people use messages to generate meanings within and across various contexts, and is the discipline that studies all forms, modes, media, and consequences of communication through humanistic, social scientific, and aesthetic inquiry. One of the defining features of the discipline of Communication is that it has many areas of specialization. That means a major in Communication can often be tailored to a student's interests, strengths, and ambitions through "concentrations" or "tracks." Students majoring in the Communication Studies program at LaGuardia Community College will be able to choose a concentration among the following four tracks: Public Relations and Strategic Communication, Speech Pathology, Digital Communication and Society, and Communication Generalist.

- The Public Relations and Strategic Communication concentration focuses on preparing students to master knowledge and strategies in all forms of communication in the public arena, whether for political, commercial, or social justice purposes. After completing the program, students may transfer to communication programs in four-year colleges, or embark on career paths in areas such as public relations, negotiation and mediation, sales, advertising, human resources, politics, law, marketing, public health, and counseling.

- The Speech Pathology students will specialize in fundamental knowledge of the speech mechanism and receive competency-based training in the field of Speech Pathology. Students in the Speech Pathology concentration will need to complete their Bachelor's and also their Master's degree to become certified speech-language pathologists. Speech pathologists can work in educational institutions, hospitals, nursing homes, or the private sector.

- The Digital Communication and Society concentration examines the role of media and technology in society and culture as well as utilize hands-on techniques (e.g., WLGR/LaGuardia Web Radio) in creating and producing works in the digital age. Digital Communication and Society students may transfer to a four-year college or develop their careers in digital media, radio/television, broadcasting, film industries, and journalism.

- The Communication Generalist concentration prepares students with a uniquely broad base of communication knowledge and skill. Students can enhance their studies by consulting with a professional advisor and faculty about courses related to these themes: public advocacy, diversity and inclusion, or health communication. Students may transfer to a four-year college or find jobs in the private, government, and non-profit sectors.



Photo: ©LaGCC

Communication Studies: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I (or ENA101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following:</i>	3
MAT107 Mathematics and the Modern World	
MAT123 Modern Problem Solving (Depending on Placement Scores)	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one course from the following</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCC102 Chemistry of Photography	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline

PROGRAM CORE: 30 CREDITS

Communication Studies: 15 credits

CMF090 First Year Seminar for Communication Studies	0
HUC101 Introduction to Communication Studies	3
HUC106 Public Speaking	3
HUC111 Interpersonal Communication	3
HUN180 Intercultural Communication (Urban Study)	3
HUC230 Communication Theory (Capstone)	3

Concentration Area: 15 Credits

PUBLIC RELATIONS & STRATEGIC COMMUNICATION

HUC141 Public Relations	3
HUC142 Public Relations Writing	3
<i>Select three of the following courses:</i>	9
HUC117 Communication and Technology	3
HUC120 Mass Communication	3
HUC130 Introduction to Media Literacy	3
HUC136 Persuasion	3
HUC143 Public Relations Campaigns	3
HUC151 Organizational Communication	3
HUC192 Health Communication	3
HUC220 Experiential Learning in Communication Studies	3

SPEECH PATHOLOGY

HUC/ELL114 Normal Language Development	3
HUC115 Phonetics	3
HUC116 Survey of Speech, Language and Hearing Disorders	3
<i>Select two of the following courses:</i>	6
HUC104 Voice and Diction	3
HUC112 Small Group Communication	3
HUC113 Oral Interpretation	3
HUC119 Nonverbal Communication	3
HUC192 Health Communication	3
HUC220 Experiential Learning in Communication Studies	3

DIGITAL COMMUNICATION AND SOCIETY

HUC117 Communication and Technology	3
HUC120 Mass Communication	3
<i>Select three of the following courses:</i>	9
HUC118 Gender and Communication	3
HUC127 Sports Communication	3
HUC130 Introduction to Media Literacy	3
HUC140 Introduction to Broadcasting	3
HUC192 Health Communication	3
HUC204 Race and Communication	3
HUC220 Experiential Learning in Communication Studies	3

COMMUNICATION GENERALIST

<i>Select five of the following courses:</i>	15
HUC108 Professional Communication	3
HUC109 Argumentation and Debate	3
HUC112 Small Group Communication	3
HUC118 Gender and Communication	3
HUC119 Nonverbal Communication	3
HUC120 Mass Communication	3
HUC130 Introduction to Media Literacy	3
HUC136 Persuasion	3
HUC151 Organizational Communication	3
HUC192 Health Communication	3
HUC204 Race and Communication	3
HUC220 Experiential Learning in Communication Studies	3

TOTAL CREDITS:

60

COMPUTER PROGRAMS

www.laguardia.edu/majors

Computer Science:

The major in Computer Science is appropriate for those students interested in mathematics and/or computer science who plan to transfer to a 4-year institution for further study in computer science. Graduating students will be prepared for careers as programmers for business and/or scientific applications.

Computer Technology:

This major offers courses in analog and digital electronics, circuit analysis, programming, hardware interconnection, and computer architecture. The variety of courses foster immediate technical skills and theoretical foundations for working in the growing field of computer engineering technology as field engineers, bench technicians, and computerized system integration.

In addition, courses from this curriculum receive transfer credits from senior colleges toward a bachelor of technology degree. The latter opens a new horizon of highly paid employment in the field of computer hardware engineering, embedded systems engineering, embedded software engineering and firmware engineering.

Programming and Software Development:

The Programming and Software Development major introduces students to fundamentals of computer programming, software database, and game development. Emphasis will be placed on software development process including web and mobile application development (both iOS and Android). The program prepares students for careers as computer programmers, game developers, software developers, web developers, mobile application developers, database developers/administrators, computer systems analysts, and software quality assurance engineers and testers. The program provides students with fundamental skills to continue with their undergraduate education and also provide supplementary skills to be successful in their careers.

Network Administration and Information Security

The Network Administration and Information Security major prepares students for careers in a rapidly growing field of systems administration and information security, as security analysts, system administrators, network technicians, and IT specialists. Through our unique curriculum, which combines extensive hands-on experience and a deep understanding of the principles of data communication, operating systems and information security, students will learn the fundamental skills that allow them to pursue a Bachelor's degree and the practical skills to administer and maintain a network and protect systems, services and data against unauthorized use.

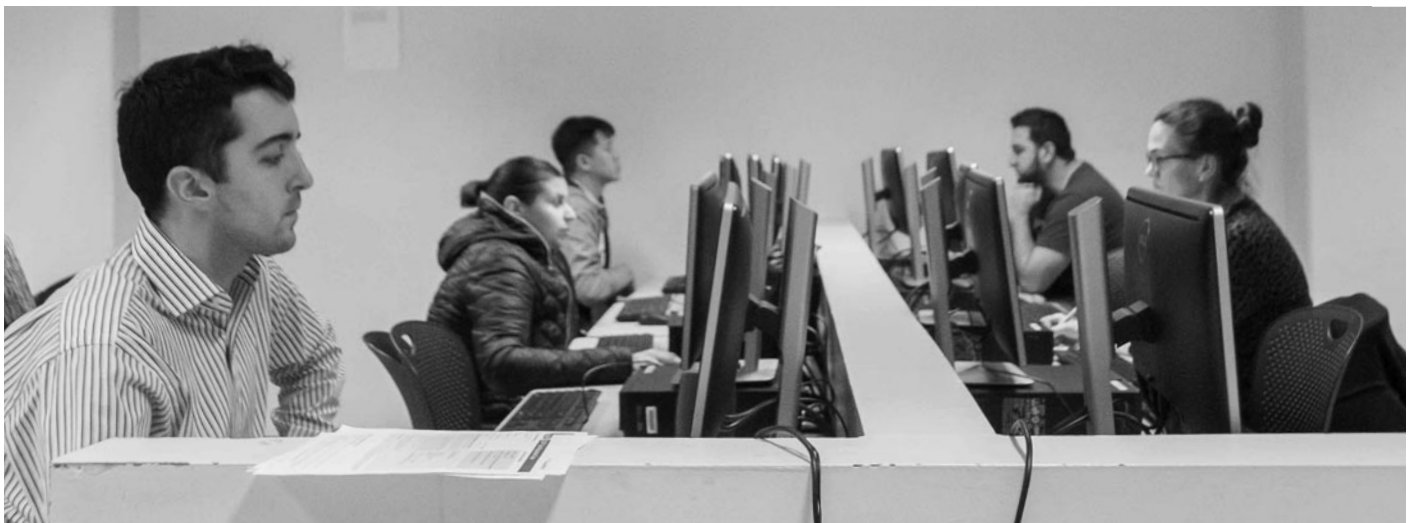


Photo: ©LaGCC

Network Administration and Information Security: AAS Degree

www.laguardia.edu/network-administration/

Program Director: Dr. Doyel Pal

dpal@lagcc.cuny.edu

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I	3
ENG102 Writing through Literature (or ENA101 Depending on Placement Scores)	3

Mathematical and Quantitative Reasoning: 3 credits

Select one course from the following:

MAT117 Algebra and Trigonometry (depending on placement scores) or	
MAT115 College Algebra and Trigonometry	

Life and Physical Sciences: 3 credits

Select one of the following courses:

SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCC102 Chemistry of Photography	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 9 credits

Select one course from three of the five flexible core categories.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Note: Student can select only one courses from any one discipline. Students are advised to select one Urban Study course to complete college requirements.

PROGRAM CORE: 39 CREDITS

Business and Technology/Experiential Learning: 3 credits

Select one of the following courses:

BTM101 Introduction to Business	3
MAC290 Internship for Computer Majors	3

MEC Courses: 36 credits

CSF101 First Year Seminar for Computer Science	2
MAC108 Introduction to Programming with Python	3
MAC232 UNIX Network Operating Systems	3
MAC233 Windows Network Operating System	3
MAC245 Data Communication and Network Security	3
MAC246 Advanced Network Security	3
MAC254 Advanced UNIX and Windows	4
MAC250 Database Management Systems	3
MAC227 Introduction to Cryptography and Applications	3
MAC237 Computer Security	3
MAC247 Advanced Systems Security	3
MAC257 Digital Forensics	3

TOTAL CREDITS: 60

Network and Information Security Certificate

REQUIRED CORE: 18 credits

MAC232 UNIX Network Operating Systems	3
MAC233 Windows Network Operating System	3
MAC245 Data Communication and Network Security	3
MAC246 Advanced Network Security	3
MAC227 Introduction to Cryptography and Applications	3
MAC237 Computer Security	3
MAC247 Advanced Systems Security	3

TOTAL CREDITS: 18

This program is not eligible for Financial Aid.

Computer Science: AS Degree

www.laguardia.edu/computerscience/

Program Director: Dr. Praveen Khethavath

pkhethavath@lagcc.cuny.edu

PATHWAYS COMMON CORE: 30 CREDITS

This program has a waiver to list specific courses to complete Common Core requirements.

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I 3
(or ENA101 depending on placement scores)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

MAT115 College Algebra & Trigonometry 3
(MAT117 Algebra and Trigonometry depending on placement scores)

Life and Physical Sciences: 3 credits

Select one of the following courses: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCC102 Chemistry of Photography
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 20 Credits

Select one course from each of the five flexible core categories below and one additional course

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World - *Students are advised to take MAT 200 and MAT 201 as they are prerequisite courses for MAT 202.*

Note: Student can select only two courses from any one discipline. Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

PROGRAM CORE: 30 CREDITS

Math, Engineering and Computer Science

CSF101 First Year Seminar for Computer Science	2
MAC101 Introduction to Computer Science	3
MAC125 Advanced C/C++ Programming	3
MAC190 Object Oriented Programming	3
MAC281 Discrete Structures	3
MAC283 Computer Organization and Assembly Language	3
MAC286 Data Structures	3
MAT202 Calculus II	4
MAT210 Linear Algebra	3
MAT231 Introduction to Discrete Math	3

TOTAL CREDITS: 60



Photo: ©LaGCC

Computer Technology: AAS Degree

www.laguardia.edu/computer-technology/

Program Director: Dr. Yun Ye

yye@lagcc.cuny.edu

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I 3
(or ENA101 depending on placement scores)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

MAT115 College Algebra and Trigonometry 3
MAT117 Algebra and Trigonometry
(depending on placement scores)

Life and Physical Sciences: 3 credits

Select one course from the following: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCC102 Chemistry of Photography
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 9 credits

Select one course from three of the five flexible core categories

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Note: Student can select only one courses from any one discipline. Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

PROGRAM CORE: 39 CREDITS

Math, Engineering and Computer Science

CSF101 First Year Seminar for Computer Science 2
MAT200 Pre-Calculus 4
MAC241 Computer Electronics I 4
MAC242 Computer Electronics II 3
MAC265 Computer Hardware Interfacing and Programming 3
MAC289 Computer Technology Project Lab 2
MAC291 Computer Logic, Design and Implementation I 4
MAC292 Computer Logic, Design and Implementation II 4
MAC293 Computer Repair and Network Maintenance 4
MAC295 Computer Architecture 4

Business & Technology

BTM101 Introduction to Business 3

Unrestricted Electives: 2 credits

**Students are encouraged to take Introduction to Programming with Python (MAC108) to fulfill their unrestricted elective requirement.*

TOTAL CREDITS:

60

Programming and Software Development: AAS Degree

www.laguardia.edu/programming-software-development/

Program Director: Dr. Alaa Darasbeh

adarasbeh@lagcc.cuny.edu

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I 3
(or ENA101 depending on placement scores)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

MAT115 College Algebra & Trigonometry 3
(MAT117 Algebra and Trigonometry
depending on placement scores)

Life and Physical Sciences: 3 credits

Select one of the following courses: 3
SCB101 Topics in Biological Science
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCC 102 Chemistry of Photography
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 9 credits

Select one course from three of the five flexible core categories.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

*Students are advised to take MAT200 under Scientific World as it is pre-requisite for MAC101 which is required.

PROGRAM CORE: 39 CREDITS

Math, Engineering and Computer Science

CSF101 First Year Seminar for Computer Science 2
MAC101 Introduction to Computer Science 3
MAC109 Introduction to Visual Programming 3
MAC110 Systems Analysis and Design 3
MAC250 Database Concepts and Programming 3
MAC232 UNIX Network Operating Systems 3
MAC221 App Development for iOS 3
MAC190 Object-Oriented Programming 3
MAC220 App Development for Android Devices 3
MAC125 Advanced C++ Programming 3
MAC280 Game Programming 3
MAC172 Web Development I 3
MAC272 Web Development II 3

Unrestricted Elective: 1 credit

TOTAL CREDITS: 60



Photo: ©LaGCC

CRIMINAL JUSTICE

www.laguardia.edu/criminal-justice/

Program Director: Dr. Jill Kehoe

jkehoe@lagcc.cuny.edu

The Criminal Justice Program, housed in the Department of Social Science, is a Dual/Joint degree program with John Jay College of Criminal Justice. Students can earn either an Associate in Science (AS) degree from LaGuardia Community College or a Bachelor of Arts (BA) degree from John Jay College. This joint program is designed so LaGuardia students earn 45 credits toward the John Jay core requirements and 15 required credits toward the Criminal Justice major. LaGuardia AS graduates with a minimum GPA of 2.0 will transfer seamlessly to the third year of study in the BA program in Criminal Justice at John Jay. Through its Educational Partnership with LaGuardia, John Jay College contributes to student advisement, facilitates professor teaching exchanges and allows students in good academic standing to take courses required for the major at John Jay.

An AS or BA degree in criminal justice opens the door to a wide variety of career opportunities, including law enforcement, corrections, probation, parole, social work, forensics, firefighting, juvenile justice and court administration, just to name a few. Employment prospects for criminal justice positions in New York City are growing at a faster than average rate. Moreover, 60 college credits satisfy the educational requirements for the vast majority of entry-level criminal justice positions in New York City, including police officer (60 credits), correction officer (39 credits) and firefighter (15 credits). Students seeking greater educational opportunities and exposure to a wider range of career choices including forensic science, forensic psychology, criminal justice administration and international criminal justice are encouraged to earn their four-year degree.

Criminal Justice Curriculum: AS Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (or ENA101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

Select one course from the following:

MAT119 Statistics with Elementary Algebra (depending on placement scores)	3
MAT120 Elementary Statistics I (STEM)	3

Life and Physical Sciences: 3 credits

SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCC102 Chemistry of Photography
SCP101 Topics in Physical Sciences
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 credits

18

Select one course from each of the five flexible core categories AND one additional course from any of the five categories.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Criminal Justice

CJF101 First Year Seminar for Criminal Justice	3
SSJ101 Introduction to Criminal Justice	3
SSJ201 Criminology	3
SSJ202 Corrections and Sentencing	3
SSJ203 Policing	3
SSN204 Crime and Justice in Urban Society	3

English

ENG103 Writing and Preparing the Research paper	3
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Social Science: 9 credits

SSS100 Introduction to Sociology	3
SSP101 U.S. Power and Politics	3

Select one of the following courses:

SSH101 Themes in American History to 1865	3
SSH102 Themes in American History since 1865	3
SSH103 Western Civilization from Ancient Times to the Renaissance	3
SSH104 Western Civilization from the Renaissance to Modern Times	3
SSH105 World History from Ancient Times to 1500	3
SSH106 World History from 1500 to the Present	3
SSH110 East Asia Civilization and Societies	3
SSH231 Afro-American History	3
SSH232 Survey of Latin American and Caribbean History	3

TOTAL CREDITS:

60

EDUCATION ASSOCIATE: THE BILINGUAL CHILD

www.laguardia.edu/Academics/Majors/Education-Bilingual-Child/
 Program Director: Professor Michele de Goeas Malone
 mmalone@lagcc.cuny.edu

The Education Associate: Bilingual Child Program is designed for students interested in pursuing teaching as a career with a focus on second language learners. The program is coordinated by the Education and Language Acquisition Department and awards the Associate in Arts (AA) degree.

Since the program focuses on Spanish-speaking children, candidates for admission are expected to demonstrate oral and written proficiency in Spanish equivalent to ELS105 Spanish for Fluent Speakers 1.

The Education Associate: Bilingual Child Program is designed for students interested in pursuing teaching as a career with a focus on second language learners. The program is coordinated by the Education and Language Acquisition Department and awards the Associate in Arts (AA) degree. Since the program focuses on Spanish-speaking children, candidates for admission are expected to demonstrate oral and written proficiency in Spanish equivalent to ELS105 Spanish for Fluent Speakers 1. Students interested in other languages deemed high-needs (e.g. Bengali, Chinese, and Haitian Creole), in NYC should contact the Education Program Director.

The Bilingual Child program is articulated with the Childhood Education Major at The City College of New York and York College. Upon transfer, students are expected to complete a Liberal Arts major and an education major. Therefore, students should consult with a faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken at LaGuardia Community College.

The Bilingual Child: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

- ENG101 English Composition I 3
(or ENA101 depending on placement scores)
- ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

- Select one course from the following: 3
- MAT107 Mathematics and the Modern World
- MAT123 Modern Problem Solving (Depending on Placement)
- MAT115 College Algebra and Trigonometry
- MAT117 Algebra and Trigonometry
(depending on placement scores)
- MAT119 Statistics with Elementary Algebra
(depending on placement scores)
- MAT120 Elementary Statistics

Life and Physical Sciences: 3 credits

- Select one of the following: 3
- SCB101 Topics in Biological Sciences
- SCB206 Introduction to Neuroscience
- SCC101 Topics in Chemistry
- SCC102 Chemistry of Photography
- SCP101 Topics in Physics
- SCP105 Life in the Universe
- SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

- World Cultures and Global Issues
- US Experience in its Diversity
- Creative Expression
- Individual and Society
- Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Education Core: 12 credits

- EDF101 First Year Seminar in Education 3
- ELE110 Arts in Education 3
- ELE203 Language and Literacy in Childhood Education 3
- ELN123 Foundations of Bilingual Education 3

Education & Language Acquisition: 12 credits

- ELL101 Introduction to Language 3
- ELL220 Sociolinguistics 3
- ELS204 Latin American Civilizations 3
- ELS210 Advanced Spanish Composition 3

Social Science: 6 credits

- SSH106 World History from 1500 Present 3
- SSY105 Learning and Education: Childhood to Adolescence 3

TOTAL: 60

EDUCATION PROGRAMS

www.laguardia.edu/education

Program Director: Professor Michele de Goeas Malone

mmalone@lagcc.cuny.edu

The Education Program, coordinated by the Education and Language Acquisition Department, offers three tracks in Education: Early Childhood Education (birth to second grade), Childhood Education (Grades 1-6), and Secondary Education (Grades 7-12), which lead to an Associate in Arts (AA) degree in Education. The Education degree is designed for students interested in pursuing teaching as a career in private and public school settings. The program adheres to New York State Teacher Education requirements, as such the curriculum in each track is designed to meet New York State Teacher Education requirements for initial teaching certification and enables students to complete pre-professional requirements before entering a professional teacher education program at a four-year college. In addition, students in this degree are required by the New York State Education Department to complete field experiences when enrolled in education courses in order to fulfill New York State teacher education requirements. The program strongly recommends that students consult with an advisor in the Education program when selecting pathways courses in order to secure maximum transferability of credits taken at LaGuardia Community College.

Early Childhood Education Option (AA) Degree:

The Early Childhood Education curriculum prepares students to work with children from birth to second grade. The Education: Early Childhood Education (AA) Degree is articulated with the Department of Early Childhood Education at Brooklyn College, CUNY. Upon transfer to Brooklyn College, students are expected to complete a New York State approved Liberal Arts major and the Early Childhood Education major.

Childhood Education Option (AA) Degree:

The Childhood Education curriculum prepares students to work with children from first to sixth grade. The Education: Childhood Education (AA) Degree is articulated with the Department of Elementary and Early Childhood Education at Queens College, CUNY. Upon transfer to Queens College, students are expected to complete a New York State approved Liberal Arts major and the Childhood Education major.

Secondary Education Option (AA) Degree:

The Secondary Education curriculum prepares students to work with adolescents from seventh to twelfth grade in a public school setting. Students in this option must select from one of the following concentrations or content areas: Adolescent English Education, Adolescent Mathematics Education, Adolescent Science Education, Adolescent Social Science Education, or Adolescent Spanish Education. The Education: Secondary Education (AA) Degree is articulated with the Department of Secondary Education and Youth Services at Queens College, CUNY. Upon transfer to Queens College, students are expected to complete the content area major and the secondary education major.

Education: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I* (or ENA101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following:</i>	3
MAT107 Mathematics and the Modern World	
MAT123 Modern Problem Solving (Depending on Placement)	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCC102 Chemistry of Photography	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 Credits

18

Select one course from each of the five flexible core categories and one additional course from any flexible core category

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

Select one of the following options:

EARLY CHILDHOOD EDUCATION - AA OPTION	
PROGRAM CORE: 30 CREDITS	
Education Core: 18 credits	
EDF101 First Year Seminar for Education	3
ELE110 Arts in Education	3
ELE200 Foundations of Special Education	3
ELE205 Language and Literacy in Early Childhood Education	3
ELN121 Foundations of Early Childhood Education	3
ELN206 Family, School & Community in Early Childhood Education	3
Social Science: 12 credits	
SSY101 General Psychology	3
SSY105 Learning and Education	3
SSY230 Abnormal Psychology	3
SSY240 Developmental Psychology	3

CHILDHOOD EDUCATION - AA OPTION	
PROGRAM CORE: 30 CREDITS	
Education & Language Acquisition: 18 credits	
EDF101 First Year Seminar for Education	3
ELE110 Arts in Education	3
ELE200 Foundations of Special Education	3
ELE203 Language and Literacy in Childhood Education	3
ELN120 Foundations of American Education	3
Modern Language	3
Social Science: 9 credits	
SSH101 Themes in American History I	3
SSH102 Themes in American History II	3
SSY105 Learning and Education	3
Mathematics, Engineering and Computer Science: 3 credits	
MAT104 Mathematics in Elementary Education	3

SECONDARY EDUCATION OPTION	
PROGRAM CORE: 30 CREDITS	
Education Core: 9 credits	
EDF101 First Year Seminar for Education	3
ELE204 Language and Literacy in Secondary Education	3
ELN122 Foundations of American Education: Grades 7-12	3
Education and Language Acquisition: 9 credits	
ELL101 Introduction to Language	3
Two Modern Language courses in the same language	6
Social Science: 3 credits	
SSY105 Learning and Education	3

Select one of the following concentrations:	
Adolescent Education: English: 9 credits	
<i>Select two of the following courses:</i>	
ENG290 British Literature I	6
ENG291 British Literature II	
ENG292 American Literature I	
ENG293 American Literature II	
<i>Select one of the following courses:</i>	
ENG204 Asian American Literature	3
ENG225 Afro-American Literature	
ENG247 The Woman Writer	
ENG248 Latino/Latina Writing in the US	
ENG266 Shakespeare	
ENG270 Introduction to Poetry	
ENG280 Children's Literature	
Adolescent Education: Math: 9 credits	
Unrestricted elective	1
<i>Select two of the following courses:</i>	
MAT201 Calculus I	8
MAT202 Calculus II	4
MAT230 Introduction to Discrete Mathematical Structures	4
Adolescent Education: Science: 9 credits	
Unrestricted elective	1
<i>Select two of the following courses:</i>	
SCB201 General Biology I	8
SCB202 General Biology II	4
SCC201 General Chemistry I	4
Adolescent Education: Social Science: 9 credits	
<i>Select three of the following courses:</i>	
SSH101 Themes in American History I	9
SSH102 Themes in American History II	3
SSH103 Western Civilization from Ancient Times to the Renaissance	3
SSH104 Western Civilization from the Renaissance to Modern Times	3
SSH105 World History from Ancient Times to 1500	3
SSH106 World History from 1500 to the present	3
SSA101 Cultural Anthropology	3
SSA106 Anthropology of Latin America	3
SSS100 Introduction to Sociology American Society	3
SSS280 Sociology of the Family	3
SSP101 US Power and Politics	3
Adolescent Education: Spanish: 9 credits	
ELS204 Latin American Civilizations	3
ELS210 Advanced Spanish Composition	3
<i>Select one of the following courses:</i>	
ELS200 Latin American Literature I	3
ELS201 Latin American Literature II	
<i>Note: Students are required to take a placement exam before registering for any ELS course.</i>	
TOTAL CREDITS:	60

ENGINEERING PROGRAMS

www.laguardia.edu/EngineeringScience/

Program Directors Engineering: Dr. Yves Ngabonziza
yngabonziza@lagcc.cuny.edu

Dr. Paul West
pwest@lagcc.cuny.edu

Program Director Energy Technician: Dr. Reginald Eze
reze@lagcc.cuny.edu

Civil Engineering:

The Civil Engineering Program is housed within the Mathematics, Engineering and Computer Science Department. This degree has been designed for transfer as a Dual/Joint program with the School of Engineering at City College of New York (CCNY) for the Bachelor of Engineering in Civil Engineering (BE / CE). Matriculated students admitted in the program will be exposed both to the formal principles of engineering and to hands-on laboratory projects. The academic requirements of the Dual/Joint programs are more than sufficient to assure graduates licensure in New York State as Professional Engineers. The bachelor's degree from CCNY is fully recognized by the Accreditation Board for Engineering and Technology (ABET) and is registered as licensure qualifying by the New York State Department of Education.

Electrical Engineering:

The Electrical Engineering Program is housed within the Mathematics, Engineering and Computer Science Department. This degree has been designed for transfer as a Dual/Joint program with the School of Engineering at City College of New York (CCNY) for its Bachelor of Engineering in Electrical Engineering (BE / EE). Matriculated students admitted in the program will be exposed

both to the formal principles of engineering and to hands-on laboratory projects. The academic requirements of the Dual/Joint programs are more than sufficient to assure graduates licensure in New York State as Professional Engineers. The bachelor's degree from CCNY is fully recognized by the Accreditation Board for Engineering and Technology (ABET) and is registered as licensure qualifying by the New York State Department of Education.

Mechanical Engineering

The Mechanical Engineering Program is housed within the Mathematics, Engineering and Computer Science Department. This degree has been designed for transfer as a Dual/Joint program with the School of Engineering at City College of New York (CCNY) for its Bachelors in Engineering for Mechanical Engineering (BE / ME). Matriculated students admitted in the program will be exposed both to the formal principles of engineering and to hands-on laboratory projects. The academic requirements of the Dual/Joint programs are more than sufficient to assure graduates licensure in New York State as Professional Engineers. The bachelor's degree from CCNY is fully recognized by as licensure qualifying by the New York State Department of Education

Energy Technician:

The Energy Technician program is administered by the Department of Mathematics, Engineering and Computer Science (MEC). Energy technicians work in high-demand, growing fields related to computers, cellular phones, and global positioning systems (GPS) technologies.



Photo: ©LaGCC

Civil Engineering: AS Degree

PATHWAYS COMMON CORE: 34 CREDITS

This program has a waiver to require specific courses in the Common Core.

A. REQUIRED CORE: 14 credits

English: 6 credits

ENG101 English Composition I (or ENA101 depending on placement scores)	3
ENG259 Technical Writing	3

Mathematical and Quantitative Reasoning: 4 credits

MAT201 Calculus	4
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Life and Physical Sciences: 4 credits

SCP231 General Physics I	4
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B. FLEXIBLE CORE: 20 credits

Select one course from each Flexible Core category and one additional course from Scientific World. Note: The recommended courses for Scientific World are listed.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World – Students are required to select MAT202 Calculus II and SCP232 General Physics II.

Students are advised to select one Urban Study course to complete college requirement.

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed in the program handbook.

Students are advised to take MAT 115 (College Algebra and Trigonometry) or MAT117 (Algebra and Trigonometry) and MAT 200 (Pre-calculus) as they are prerequisite courses for MAT 201 (Calculus I).

PROGRAM CORE: 26 CREDITS

Math Engineering & Computer Science: 8 credits

ECF090 First Year Seminar for Engineering and Computer Science	0
MAT203 Calculus III	4
MAT204 Differential Equations	4

Civil Engineering Core: 10 credits

MAE101 Engineering Lab/Internship I	1
MAC102 C/C++ Programming	3
MAE209 Structure & Site Plan	3
MAE219 Thermodynamics	3

Natural Sciences: 8 credits

SCC201 General Chemistry I	4
SCC202 General Chemistry II	4

TOTAL CREDITS: 60

Electrical Engineering: AS Degree

PATHWAYS COMMON CORE: 34 CREDITS

This program has a waiver to require specific courses in the Common Core.

A. REQUIRED CORE: 14 credits

English: 6 credits

ENG101 English Composition I (or ENA101 depending on placement scores)	3
ENG259 Technical Writing	3

Mathematical and Quantitative Reasoning: 4 credits

MAT201 Calculus	4
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Life and Physical Sciences: 4 credits

SCP231 General Physics I	4
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B. FLEXIBLE CORE: 20 credits

Select one course from each Flexible Core category and one additional course from Scientific World. Note: The recommended courses for Scientific World are listed.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World – Students are required to select MAT202 Calculus II and SCP232 General Physics II.

Students are advised to select one Urban Study course to complete college requirement.

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed in the program handbook.

Students are advised to take MAT 115 (College Algebra and Trigonometry) or MAT117 (Algebra and Trigonometry) and MAT 200 (Pre-calculus) as they are prerequisite courses for MAT 201 (Calculus I).

PROGRAM CORE: 26 CREDITS

Math Engineering & Computer Science: 12 credits

ECF090 First Year Seminar for Engineering and Computer Science	0
MAT203 Calculus III	4
MAT204 Differential Equations	4
MAT221 Probability	4

Electrical Engineering Core: 10 credits

MAE101 Engineering Lab/Internship I	1
MAC102 C/C++ Programming	3
MAE213 Electrical Circuits	3
MAE219 Thermodynamics	3

Natural Sciences: 4 credits

SCC201 General Chemistry I	4
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TOTAL CREDITS: 60

Mechanical Engineering or Earth System Science & Environmental Engineering Concentration: AS Degree

PATHWAYS COMMON CORE: 34 CREDITS

This program has a waiver to require specific courses in the Common Core.

A. REQUIRED CORE: 14 credits

English: 6 credits

ENG101 English Composition I (or ENA101 depending on placement scores)	3
ENG259 Technical Writing	3

Mathematical and Quantitative Reasoning: 4 credits

MAT201 Calculus I	4
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Life and Physical Sciences: 4 credits

SCP231 General Physics I	4
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B. FLEXIBLE CORE: 20 credits

Select one course from each Flexible Core category and one additional course from Scientific World. Note: The recommended courses for Scientific World are listed.

World Cultures and Global Issues	
US Experience in its Diversity	
Creative Expression	
Individual and Society	
Scientific World – Students are required to select MAT202 Calculus II and SCP232 General Physics II.	

Students are advised to select one Urban Study course to complete college requirement.

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed in the program handbook.

Students are advised to take MAT 115 (College Algebra and Trigonometry) or MAT117 (Algebra and Trigonometry) and MAT 200 (Pre-calculus) as they are prerequisite courses for MAT 201 (Calculus I).

PROGRAM CORE: 29 CREDITS

Select one concentration from the following:

Mechanical Engineering Concentration: 29 credits

Math Engineering & Computer Science: 8 credits

ECF090 First Year Seminar for Engineering and Computer Science	0
MAT203 Calculus III	4
MAT204 Differential Equations	4

Mechanical Engineering Core: 13 credits

MAE101 Engineering Lab/Internship I	1
MAE211 Engineering Mechanics: Statistics	3
MAC102 C/C++ Programming	3
MAE213 Electrical Circuits	3
MAE219 Thermodynamics	3

Natural Sciences: 8 credits

SCC201 General Chemistry I	4
SCC202 General Chemistry II	4

Earth System Science & Environmental Engineering Concentration: 29 credits

Math Engineering & Computer Science: 4 credits

ECF090 First Year Seminar for Engineering and Computer Science	0
MAT203 Calculus III	4

Earth System Science & Environmental Engineering Core: 15 credits

MAE101 Engineering Lab I/Internship I	1
MAC102 C/C++ Programming	3
MAE106 Earth System Science & Eng.	4
MAE213 Electrical Circuits	3
MAE217 Systems Analysis of the Earth	4

Natural Sciences: 8 credits

SCC201 General Chemistry I	4
SCC202 General Chemistry II	4

Unrestricted Electives: 2 credits	2
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TOTAL CREDITS: 63

Energy Technician: AAS Degree

PATHWAYS COMMON CORE: 22 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (or ENA101 depending on placement scores)	3
ENG259 Technical Writing	3

Mathematical and Quantitative Reasoning: 3 credits

MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	

Life and Physical Sciences: 3 credits

SCP101 Topics in Physics	3
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B. FLEXIBLE CORE: 10 credits

Select one course from three of the five flexible core categories

World Cultures and Global Issues	
US Experience in its Diversity	
Creative Expression	
Individual and Society	
Scientific World - Pre-Calculus (4 credits)	

Note: Student can select only one courses from any one discipline. Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

PROGRAM CORE: 38 CREDITS

Math Engineering & Computer Science:

MAT201 Calculus I	4
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Concentration Area: (select one)

MECHANICAL

Math, Engineering and Computer Science

MAE100 Introduction to Auto CAD	3
MAE107 Manufacturing Processes	3
MAE109 Introduction to Engineering	2
MAE110 Circuits Analysis I	3
MAE111 Circuits Analysis II	3
MAE121 Instrumentation	3
MAE190 Material Sciences	3
MAE191 Statics and Strength of Materials	3
MAE201 HVAC Systems	3
MAE207 Introduction to Thermodynamics for Technology	3
MAE208 Electromechanical Devices	3
MAE230 Senior Design Project	2

ELECTRICAL

Math, Engineering and Computer Science

MAC241 Computer Electronics I	4
MAC242 Computer Electronics II	3
MAC291 Computer Logic, Design and Implementation I	4
MAC292 Computer Logic, Design and Implementation II	4
MAE100 Introduction to Auto CAD	3
MAE102 Electrical Drafting and Blue Print Reading	2
MAE109 Introduction to Engineering	2
MAE110 Circuits Analysis I	3
MAE111 Circuits Analysis II	3
MAE122 Electrical Measurement and Instrumentation	3
MAE208 Electromechanical Devices	3

TOTAL CREDITS:

60

ENGLISH

www.laguardia.edu/English

Program Director: Dr. Jesse Schwartz
jschwartz@lagcc.cuny.edu

Creative Writing Track

Program Director: Dr. Noam Scheindlin
nscheindlin@lagcc.cuny.edu

The English Program, administered by the English Department, leads to an Associate in Arts (AA) degree. Based on a foundational curriculum that introduces students to literary traditions, the program is organized around the English Department's elective courses in literature, survey courses, as well as courses in creative and expository writing. The program also draws on LaGuardia's strong curriculum in the Humanities and Social Sciences for relevant cross-listed courses. The English Program is designed to help students think critically, write persuasively, and understand the historical and contemporary importance of writing and literature in diverse cultural contexts.

The program also provides students with the opportunity for exciting extracurricular activities. Students in the English Program are encouraged to participate in departmental and college-wide activities such as student and faculty poetry and fiction readings, as well as visits from former English majors currently working in a wide variety of fields. Publications such as *The Lit* and "*The Bridge*" offer students relevant experience with literary and journalistic writing. The English Program offers many paths for students, which can lead to careers as diverse as teaching, editing, publishing, journalism, public relations, medicine, law, and writing for television and film, among many other possibilities.

The English Program's curriculum has been developed in close consultation with both Queens College and John Jay College, and is designed to articulate fully with the English major at both schools. The credits in English offered at LaGuardia will all transfer to the English major and core writing requirements at both Queens College and John Jay College. Liberal Arts courses offered at LaGuardia will fulfill Queens College and John Jay College General Education requirements. Students who major in the English Program at LaGuardia may transfer as juniors to the English Major at Queens College and John Jay College.

See next page for curriculum.



Photo: ©LaGCC

English: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I 3
(or ENA101 depending on placement)

ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses: 3

MAT107 Mathematics and the Modern World

MAT123 Modern Problem Solving (Depending on placement)

MAT115 College Algebra and Trigonometry

MAT117 Algebra and Trigonometry

(depending on placement)

MAT119 Statistics with Elementary Algebra

(depending on placement)

MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

Select one of the following courses: 3

SCB101 Topics in Biological Sciences

SCB206 Introduction to Neuroscience

SCC101 Topics in Chemistry

SCC102 Chemistry of Photography

SCP101 Topics in Physics

SCP105 Life in the Universe

SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues

US Experience in its Diversity

Creative Expression

Individual and Society

Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Social Science: 3 credits

SSY101 General Psychology 3

English: 24 credits

ENF101 First Year Seminar for English 3

ENG270 Introduction to Poetry 3

ENG289 Introduction to Literary Study* 3

ENG295 World Literatures Written in English 3

Select two of the following courses: 6

ENG290 British Literature Survey I

ENG291 British Literature Survey II

ENG292 American Literature Survey I

ENG293 American Literature Survey II

ENG294 Classical Literature**

Select two of the following courses: 6

ENG204 Asian American Literature

ENG205 The Bible as Literature

ENG/ELL110 English Grammar and Syntax

ENG211 Journalism

ENG220 Seminar in Teaching Writing

ENG225 Afro-American Literature

ENG235 Cultural Identity in American Literature

ENG245 Images of Women in Literature

ENG247 The Woman Writer

ENG248 Latino/Latina Writing in the U.S.

ENG252 Sexuality in Literature

ENG256 Humor in Literature

ENG260 The Novel

ENG261 LGBTQ Literature

ENG265 The Drama

ENG266 Shakespeare

ENG268 The Immigrant Experience in American Literature

ENG269 Contemporary Black American Fiction

ENG271 Poetry Workshop

ENG272 Literature and Film

ENG274 Creative Non-Fiction Workshop

ENG275 The Great Writer

ENG276 Fiction Workshop

ENG280 Children's Literature

ENG288 English Major Internship

Unrestricted electives: 3 credits

TOTAL CREDITS:

60

*Requirement for transfer to John Jay College; not articulated for Queens College.

**Articulated only for John Jay College

Creative Writing Track: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101/ENA101 English Composition I (depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits *

Life & Physical Sciences: 3 credits *

B. FLEXIBLE CORE 18 Credits

18

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are required to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

English: 12 credits

ENF101 First Year Seminar for English	3
ENN198 Introduction to Creative Writing	3
ENG289 Introduction to Literary Studies	3
ENG295 World Literatures in English	3

Creative Writing: 3 credits

Select one course from the following:	3
ENG271 Poetry Workshop	
ENG273 Playwriting Workshop	
ENG274 Creative Non-Fiction Workshop	
ENG276 Fiction Workshop	
ENG277 Creative Writing New Media Workshop	

Genre: 3 credits

Select one course from the following:	3
ENG250 The Short Story	
ENG260 The Novel	
ENG265 The Drama	
ENG270 Introduction to Poetry	

Literary Survey: 6 credits

Select two courses from the following:	6
ENG290 British Literature I	
ENG291 British Literature II	
ENG292 American Literature I	
ENG293 American Literature II	
ENG294 Classical Literature	

Electives: 3 credits

Select one course from the following: *	3
ENG/ELL110 English Grammar and Syntax	
ENG204 Asian American Literature	
ENG205 The Bible as Literature	
ENG220 Seminar in Teaching Writing	
ENG225 Afro-American Literature	
ENG235 Cultural Identity in American Literature	
ENG245 Images of Women in Literature	
ENG247 The Woman Writer	
ENG248 Latino/Latina Writing in the United States	
ENG261 LGBTQ Literature	
ENG266 Shakespeare	
ENG268 The Immigrant Experience in American Literature	
ENG269 Contemporary Black American Fiction	
ENG272 Literature and Film	
ENG280 Children's Literature	
ENG288 English Major Internship	
ENN191 Art, Politics and Protest	
ENN195 Violence in American Art and Culture	
ENN240 Literature of the City	
ENG/HUC238 Screenwriting	

Unrestricted electives: 3 credits

A second Creative Writing or Genre course may be substituted for an elective course in the major.

* For a list of approved courses, go to: www.laguardia.edu/Pathways/

TOTAL CREDITS:

60

ENVIRONMENTAL SCIENCE

www.laguardia.edu/environmentalscience

Program Director: Dr. Holly Porter-Morgan

hporter-morgan@lagcc.cuny.edu

Program Director: Dr. Benjamin Taylor

btaylor@lagcc.cuny.edu

Environmental Scientists study the interactions between human, biological, and physical systems on scales from local to global. They examine how the natural world is influenced by humans and explore challenges including conservation of biodiversity, water, air, and soil pollution, climate change, environmental justice, and the management of animals and plants. The Environmental Science Program, offered through the Natural Sciences Department, leads to an Associate of Science (AS) degree through either the Environmental Science or Sustainable Urban Agriculture tracks.

Both tracks include courses with fieldwork and hands-on research components. Students are introduced to interactions between organisms, their environment, and each other, including competition, predation, and pollination in the Fundamentals of Ecology course. The capstone course, Environmental Science, integrates the principles of global ecology with climate, technology, and sustainable development. The laboratory portion of Environmental Science emphasizes authentic research on projects related to local environmental issues and their solutions. Students also have an opportunity to complete internships at community based environmental organizations, pollution control stations, and city agencies.

The Sustainable Urban Agriculture track is designed to cultivate future leaders in urban agriculture who want to work in the rapidly growing green economy. The curriculum addresses the relationship of agriculture to issues including food security, resource use, climate change, and energy consumption. Courses include botany and soil science, with electives including environmental ethics and food science. The final sequence in this track is Sustainable Urban Agriculture and Sustainable Vegetable Production, where students receive practical training and experience in techniques including propagation, irrigation, and pest control, and conduct a field practicum in urban farming. Graduates of the track will be prepared to enter gardening, agriculture, hydroponics, community organizations, or agricultural businesses, or can choose to continue to a 4-year college.

The A.S. in Environmental Science articulates with Queens and Lehman Colleges, where graduates can transfer all 60 credits. In addition, the Environmental Science program prepares students for transfer and enrollment as an upper-level student at CUNY and other four-year colleges. A degree in Environmental Science will prepare students to transfer to a variety of academic programs in addition to Environmental Science, including Environmental Studies, Oceanography, Forest Management, Urban Sustainability, Zoology, Conservation Biology, Climatology, Geospatial technology, Urban Agriculture, Wildlife and Marine Science, Geology, and Hazardous Waste Technology.

The Environmental Science Program prepares students for successful transfer to four-year CUNY colleges in a variety of STEM majors. In addition, the A.S. in Environmental Science is fully articulated with the School of Earth and Environmental Sciences at Queens College. The School of Earth and Environmental Sciences provides an interdisciplinary approach to environmental science, allowing students to concentrate their studies in biology, chemistry or geology. Graduates of LaGuardia's Environmental Science Program transfer to Queens College with 60 credits to complete their Bachelor's degrees.

Environmental Science: AS Degree

PATHWAYS COMMON CORE: 31 CREDITS

This program has a waiver to require STEM courses in the Common Core.

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I 3
(or ENA101 depending on placement scores)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses:
MAT115 College Algebra and Trigonometry 3
(or MAT117 Algebra and Trigonometry depending on placement scores)

Life & Physical Sciences: 4 credits

SCB201 General Biology I (STEM) 4

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World – Students are advised to take SCB202 (General Biology II, 4cr.)

Students are required to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 28 CREDITS

Natural Sciences: 10 Credits

NSF101 First Year Seminar for Natural Sciences 2
SCB265 Fundamentals of Ecology 4
SCG250 Environmental Science 4

Choose one of the following tracks:

ENVIRONMENTAL SCIENCE TRACK (18 CREDITS)

SCB260 General Microbiology 4
SCC201 General Chemistry I 4
SCC202 General Chemistry II 4
SCG150 Introduction to Geographic Information Systems 4
Unrestricted Electives 2

SUSTAINABLE URBAN AGRICULTURE TRACK (18 CREDITS)

SCB 200 Principles of Botany 4
SCG 220 Soil Science 3
SCG 225 Sustainable Urban Agriculture 3
SCG 230 Sustainable Vegetable Production 3
Unrestricted Elective 1

Select one of the following:

SCC110 Foundations of Chemistry 4
SCC201 General Chemistry 1 4

* For a list of approved courses, go to: www.laguardia.edu/Pathways/

TOTAL CREDITS: 60



Photo: ©LaGCC

FILM AND TELEVISION

www.laguardia.edu/film-and-television/

Program Director: Dr. Joyce Rheuban
rheubanjo@lagcc.cuny.edu

In the Film and Television Program, the creative process begins with the need to communicate something: a message, a concept, a vision. Our curriculum is designed to offer the skills you need to bring your ideas to life. As a Film and Television major you will be introduced to the skills of media production, including screenwriting, cinematography, editing, TV field and studio production, computer graphics and effects. You will learn about the history of film and mass media, and how the Internet, streaming, mobile media, and social networks have transformed that history. You will analyze films by great directors for the lessons they offer in the expressive arts of cinema: storytelling, composition, lighting, editing, and special effects. Field trips, visits from entertainment and media industry professionals, and internships are designed to take advantage of LaGuardia's prime location in one of the world's leading centers of film and video production.

Film and Television: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 CREDITS

English: 6 credits

ENG101/ENA101 English Composition I (depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematics and Quantitative Reasoning: 3 credits*

Life and Physical Sciences: 3 credits*

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are required to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts Social Science and Humanities	3
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English

ENG103 Preparing and Writing the Research Paper	3
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Film and Television

HUV150 Art of Film	3
HUV238 Screenwriting	3
HUV240 Video Production Workshop I	3
HUV270 American Film	3

Select two of the following:

HUN196 Film and New York City	3
HUV151 Television Studies	3
HUV241 Video Production Workshop II	3
HUV242 Postproduction: Effects, Color, Audio	3
HUV243 Television Production Workshop (Note: Permission of program director required)	3
HUV244 Experiential Learning for Film and Television	6

Social Science

Select one of the following: 3

SSA100 Introduction to Anthropology	3
SSA101 Cultural Anthropology	3
SSE103 Introduction to Microeconomics	3
SSE104 Introduction to Macroeconomics	3
SSP101 U.S. Power and Politics	3
SSP250 Political Ideas and Ideologies	3
SSS100 Introduction to Sociology	3
SSY101 General Psychology	3

Select one of the following: 3

SSH101 Themes in American History to 1865	3
SSH102 Themes in American History since 1865	3
SSH103 Western Civilization from Ancient Times to the Renaissance	3
SSH104 Western Civilization from the Renaissance to Modern Times	3
SSH105 World History from Ancient Times to 1500	3
SSH106 World History from 1500 to the Present	3
SSH110 East Asia Civilization and Societies	3
SSH231 Afro-American History	3
SSH232 Survey of Latin American and Caribbean History	3
SSP220 Politics of Latin America and the Caribbean	3

* For a list of approved courses, go to: www.laguardia.edu/Pathways/

TOTAL CREDITS: 60

FINE ARTS

www.laguardia.edu/finearts

Program Director: Professor Arthur Simms
asimms@lagcc.cuny.edu

The Fine Arts Program, coordinated by the Humanities Department, leads to an Associate in Science (AS) Degree. This program will offer training in studio art for students seeking careers in either the fine or applied arts. Emphasis throughout the curriculum will be placed on individual creativity, aesthetic awareness and an understanding of the visual arts in societies past and present.

The Fine Arts Program is open to students of all levels who wish to expand their technical and aesthetic knowledge in the areas of painting, drawing, sculpture, design, photography, and the history of art and film. The curriculum is structured to prepare students for immediate career objectives or for transfer to BA or BFA programs in studio art at the senior colleges of City University or other metropolitan area art schools. The Fine Arts curriculum is also designed to meet the needs of students who intend to transfer to specialized commercial art programs.

The curriculum places emphasis on drawing techniques and visual fundamentals. There are two required courses in drawing and one in design. A third drawing course may be selected as an elective. Within the curriculum, it is possible for students to select concentrations in painting, sculpture, photography or design. Two required courses in art history form an introduction to the major movements of world art. A third elective course in art history provides focus on the arts of a particular culture or period. Required areas of study in the Liberal Arts include writing, literature, mathematics, science, history and the humanities, providing indispensable cultural and practical background for the visual artist.

The program also provides important “hands-on” experience in the New York art world through cooperative education internships in professional art studios, galleries and museums.

The Design Arts Option provides the foundation coursework and experience necessary to begin a career as an Industrial Designer, Graphic Designer, Package Designer, Product Designer, Interior Designer or Fashion Designer, or to transfer to a four-year institution. Students study Design both in theory and in practice. They take rigorous courses in Design fundamentals and principles and the specialty area of Modelmaking. Modelmakers employ techniques, tools and materials used by architects and other design professionals to make 3-dimensional prototypes and mockups of everything from toasters to interior spaces. Design majors take full advantage professional Internships in the field.

Fine Arts: AS Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 CREDITS

English: 6 credits

ENG101 English Composition I	3
(or ENA101 depending on placement scores)	
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following:</i>	3
MAT107 Mathematics and the Modern World	
MAT123 Modern Problem Solving (Depending on placement)	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (Depending on placement)	
MAT120 Elementary Statistics	
MAT119 Statistics with Elementary Algebra (Depending on placement)	

Life and Physical Sciences: 3 credits

<i>Select one course from the following:</i>	3
SCB101 Topics in Biological Sciences	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 Credits

18

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

Fine Arts - Design Studies Option

PROGRAM CORE: 30 CREDITS

Fine Arts

FAF101 First Year Seminar for Fine Arts	3
HUA103 Beginning Drawing	3
HUA104 Introduction to Design	3
HUA165 Art History: Prehistoric Through Gothic	3
HUA166 Art History: Renaissance Through Modern	3
HUA180 Life Drawing	3
HUA289 Art and Design Seminar	3

Select one of the following courses: 3 credits 3

HUA106 Three-Dimensional Design	
HUA110 Beginning Painting	
HUA115 Color Theory	
HUA120 Beginning Sculpture	
HUA130 Beginning Photography	
HUA150 Beginning Printmaking	
HUA185 Illustration	

Select one of the following courses: 3 credits 3

HUA203 Intermediate Drawing	
HUA210 Intermediate Painting	
HUA220 Intermediate Sculpture	
HUA285 Graphic Narrative	

Select one of the following courses: 3 credits 3

HUA196 Latin American Art History	
HUA200 Art of the Twentieth Century	
HUN195 Art in New York: A Museum/Gallery Seminar	
HUA202 History of Photography	
HUA215 Art of the Renaissance in Italy	
HUA216 Art of Africa, Oceania and Pre-Columbian America	
HUC150 The Art of Film	
HUP107 The Philosophy of Art	
HUA294 Experiential Learning	

TOTAL CREDITS: 60

DESIGN STUDIES PROGRAM CORE: 30 CREDITS

Design Concentration: 27 credits

FAF101 First Year Seminar for Fine Arts	3
HUA103 Beginning Drawing	3
HUA104 Introduction to Design	3
HUA106 Three-Dimensional Design	3
HUA107 Form and Structure	3
HUA180 Life Drawing	3
HUA212 History of Design	3

Select one of the following courses: 3 credits 3

HUA110 Beginning Painting	
HUA115 Color Theory	
HUA120 Beginning Sculpture	
HUA125 Introduction to Computer Art	
HUA130 Beginning Photography	
HUA150 Beginning Printmaking	
HUA185 Graphic Narrative	

Select one of the following courses: 3 credits 3

HUA126 Computer Art 2	
HUA203 Intermediate Drawing	
HUA207 Modelmaking I	
HUA210 Intermediate Painting	
HUA220 Intermediate Sculpture	
HUA230 Intermediate Photography	
HUA285 Graphic Narrative	

Select one of the following courses: 3 credits 3

HUA167 Introduction to African Art	
HUA200 Art of the Twentieth Century	
HUA202 History of Photography	
HUA215 Art of the Renaissance in Italy	
HUN195 Art in New York: A Museum/Gallery Seminar	

TOTAL CREDITS: 60

HOSPITALITY, TOURISM AND EVENTS MANAGEMENT

www.laguardia.edu/hospitality

Program Director: Dr. Leslie Scamacca

lscamacca@lagcc.cuny.edu

The Travel, Tourism and Hospitality Management curriculum, a course of study leading to the Associate in Applied Science (AAS) degree, is administered by the Business and Technology Department. The program is designed to prepare students either for career-entry positions in the travel, tourism and hospitality industries, or for transfer to hospitality tourism management programs at senior colleges.

The travel, tourism and hospitality industries are very diverse, encompassing airline, bus, rail and ship travel; hospitality enterprises (hotels, motels, resorts); tour packaging; retail and wholesale travel agencies; car rental; etc. Each of these areas has employment needs on several levels: sales, market research and development, packaging and advertising, customer service, operations and general management.

The curriculum is designed to meet the needs of the industry, combining liberal arts courses, business courses, specialized courses in travel, tourism and hospitality, and the experience of an internship. The business internship gives students experience as travel industry employees, enabling them to utilize the knowledge learned in the classroom and to learn the realities of working at their chosen profession.

Hospitality, Tourism and Events Management: AS Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101/ENA101 English Composition I 3

Select one course from the following:

ENG102 Writing through Literature 3

ENG259 Composition II: Technical Writing

Mathematical and Quantitative Reasoning: 3 credits

Life & Physical Sciences: 3 credits

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category

World Cultures and Global Issues

US Experience in its Diversity

Creative Expression

Individual and Society

Scientific World

Students are advised to select one Urban Study course to complete college requirement. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Business and Technology: 8 credits

BTF101 First Year Seminar for Business 2

BTA111 Principles of Accounting I 3

BTM104 Principles of Marketing 3

Hospitality, Tourism and Events Management Core: 15 credits

BTT101 Introduction to Hospitality Management 3

BTT202 Global Tourism Destinations 3

BTT203 Hospitality Technology Systems 3

BTT212 Customer Service and Sales 3

BTT225 Hospitality Human Resources Management 3

Hospitality, Tourism and Events Management Co-Curricular Core: 1 credits

Select one of the following courses:

BTT233 Hospitality Internship Project 1

BTT234 Hospitality Internship 1

Hospitality, Tourism, and Events Management Electives: 6 Credits

Select two of the following courses:

BTT205 Hospitality Law 3

BTT223 Meeting and Event Planning 3

BTT231 Hotel and Lodging Operations and Management 3

BTN211 Hospitality and Destination Marketing 3

HTR100 Introduction to Recreation and Leisure 3

SCD114 Culinary Arts I 3

SCD250 Menu Planning and Production 3

TOTAL CREDITS: 60

HUMAN SERVICES

www.laguardia.edu/humanservices

Program Director: Dr. Cheri Carr (Interim)

ccarr@lagcc.cuny.edu

The Human Services Program, coordinated by the Health Sciences Department, leads to an Associate in Arts (AA) degree that prepares students for careers in mental health, social work, and other human services related fields. The Program provides a foundation for students to continue their education and training by earning a Bachelor's degree in one of the many helping professions: human services, social work, disability studies, gerontology, and psychology.

The Human Services Program focuses on training students with the skills necessary to provide helping and supportive services to individuals, families, groups, and communities from diverse backgrounds. Human service professionals seek to empower individuals and communities, emphasize strengths and abilities, and foster human growth and development. While the goal of the Program is to prepare students for transfer into Bachelor's degree programs, our graduates may also seek entry-level professional employment positions in various settings such as group homes, after school programs, shelters, senior centers, day care programs, and community-based organizations.

Human Services: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (or ENA101 depending on placement)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

Select one course from the following:

MAT107 Math in the Modern World	
MAT123 Modern Problem Solving (Depending on placement)	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (Depending on placement)	
MAT120 Elementary Statistics	
MAT119 Statistics with Elementary Algebra (Depending on placement scores)	

Life and Physical Sciences: 3 credits

Select one course from the following: 3

SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCC102 Chemistry of Photography	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 Credits

18

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

To complete the degree requirements from the Flexible Core, students are advised to take SSY101 General Psychology, a pre/co-requisite for HSS101 Introduction to Human Services and other program courses. Students are also encouraged to take SSP101 U.S. Power & Politics (US Experience in its Diversity) and SSS100 Introduction to Sociology (Individual and Society).

PROGRAM CORE: 30 CREDITS

Health Sciences: 6 credits

HSF090 First Year Seminar for Health Sciences	0
SCH160 Health and Wellness	3
SCN195 Community Health (Urban Studies)	2
SCH196 Community Health Research (Urban Studies)	1

Human Services: 18 credits

HSS101 Introduction to Human Services	3
HSS102 Social Policy and Social Welfare	3
HSS214 Social Gerontology	3
HSS216 Interviewing and Counseling	3
HSS290 Health and Human Services Seminar and Internship (Capstone)	3
HSS295 Community Organizing	3

Health and Human Services Electives: 6 credits

Select two of the following:

HSS208 Human Services and Disabilities	3
HSS218 Group Interviewing and Counseling	3
SCD200 Introductory Nutrition	3
SCH150 Drugs and Behavior	3
SCH210 Human Sexuality	3
SCN194 HIV/AIDS, Science and Society	3
SCN240 Food and Culture	3

TOTAL CREDITS:

60

INDUSTRIAL DESIGN TECHNOLOGY

www.laguardia.edu/Academics/Majors/Industrial-Design

Program Director: Professor Arthur (Paul) O'Keeffe

aokeeffe@lagcc.cuny.edu

The Industrial Design Program, coordinated by the Humanities-Department, leads to an Associate in Applied Science Degree (AAS). Industrial Design is a combination of applied art and applied science, whereby aesthetics, ergonomics and usability of mass-produced products may be improved for marketability and production. The role of an industrial designer is to create and execute design solutions towards problems of form, usability, user ergonomics, engineering, marketing, brand development and sales. The Industrial Design program provides students through foundation coursework and experience the necessary skills to begin a career in Computer Assisted Design (CAD), Modelmaking and Product Design and Fabrication or to transfer to a four-year institution. Students will take courses in the history of design, 3-dimensional design and an introduction to computer-assisted design. Students will study design in both theory and practice. Students will have access to an 8,000 sq. ft studio and lab housed in NY Designs, a design business incubator program offered through the College's Division of Adult and Continued Education. Students will work with digital laser cutting tools, plastic vacuum forming machines, 3D printing rapid prototyping machinery as well as hand tools and woodworking tools.

Industrial Design Technology: AAS Degree

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101/ENA101 English Composition I (depending on placement scores)	3
ENG259 Technical Writing	3

Mathematical and Quantitative Reasoning: 3 credits*

Life and Physical Sciences: 3 credits*

B. FLEXIBLE CORE: 9 Credits

9

Select three courses from the flexible core categories below: only one course may be selected from each category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are required to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 39 CREDITS

IDF090 First Year Seminar Industrial Design Technology	0
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Industrial Design Core: 33 credits

HUI107 3D Form and Space	3
HUI109 SolidWorks	3
HUI111 Industrial Design Studio I	3
HUI114 Introduction to Workshop	3
HUI118 Manufacturing Processes and Materials	3
HUI129 Computer Aided Industrial Design	3
HUI190 Industrial Design Drawing	3
HUI209 Digital Prototyping	3
HUI211 Industrial Design Studio II	3
HUI213 History of Industrial Design	3
HUI295 Industrial Design Capstone	3

Business and Technology: 6 credits

BTM101 Introduction to Business	3
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Select one course from the following: 3

BTM104 Principles of Marketing	3
BTM150 Organizing and Operating a Small Business	3

* For a list of approved courses, go to: www.laguardia.edu/Pathways/

TOTAL CREDITS:	60
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LIBERAL ARTS PROGRAMS

<https://www.laguardia.edu/liberal-arts/home/>

The Liberal Arts and Sciences Programs are designed for students who want to continue their education at senior colleges and to engage in studies leading to careers in the arts and sciences. Students in these programs choose from a wealth of courses offered by the Education and Language Acquisition, English, Humanities, Mathematics, Engineering and Computer Science, Natural Sciences and Social Science Departments.

Liberal Arts: Mathematics and Science Program

Liberal Arts Program Director: Dr. Dionne Miller,
Associate Dean for Academic Affairs dmiller@lagcc.cuny.edu

Liberal Arts Program Coordinator: Dr. Shannon Proctor
sproctor@lagcc.cuny.edu

Liberal Arts: Mathematics and Science Program, leading to the Associate in Science (AS) degree, is suggested for students interested in pursuing a career in mathematics, the sciences, engineering, medicine or allied health fields. The science and mathematics courses are designed specifically to meet the requirements of those students who wish to continue their education beyond the Associate degree.

Applied Mathematics Option

Liberal Arts Option Director: Dr. Tao Chen
tchen@lagcc.cuny.edu

The Applied Math option at LaGuardia Community College mainly focuses on Data Science. Data science is a field of study and practice that is focused on obtaining insights from data, and it is the result of a merger between two fields: statistics and computer science. Practitioners of data science use programming skills, statistics knowledge, and machine learning techniques to mine large data sets for patterns that can be used to analyze the past or predict future events. The Applied Mathematics option articulates to the Bachelor of Science in Applied Mathematics: Data Science and Cryptography at the John Jay College of Criminal Justice, CUNY.

Liberal Arts: Social Science and Humanities Program

Liberal Arts Program Director: Dr. Dionne Miller,
Associate Dean for Academic Affairs dmiller@lagcc.cuny.edu

Liberal Arts Program Coordinator: Dr. Shannon Proctor
sproctor@lagcc.cuny.edu

Liberal Arts: Social Sciences and Humanities Program leads to an Associate in Arts (AA) degree. For students who want an early start in planning for a liberal arts-related career, the program has a number of courses offered in such areas as art, music, media, theater, film, philosophy, journalism, and Latin American studies, to choose from.

Deaf Studies Option

Liberal Arts Option Director: Dr. John Collins
jocollins@lagcc.cuny.edu

(Deaf Studies Option (AA degree) enables students to learn American Sign Language (ASL), and to understand the complexities of deaf communities. Students receive a broad liberal arts background for further study in ASL/English interpreting, special education, social work, rehabilitation counseling and related fields.

Ethnic Studies Option

Liberal Arts Option Director: Dr. Rochell Isaac
risaac@lagcc.cuny.edu

The Ethnic Studies Option (AA degree) is designed to introduce students to theoretical, historical, and critical analyses of race and ethnicity in the United States. Students will survey the contributions of people of color to the areas of politics, religion, education, history, science, art, and theory in local, national, and global contexts. The option provides a multidisciplinary and intersectional lens to examine the historical evolution of the socially constructed categories of race, ethnicity, class, gender, legal status, and sexual orientation, and the ways these have often been used to justify oppression. As such, students will engage diverse schools of thought and approaches to investigate the legacy of colonization, decolonization, and notions of power and resistance. Upon transfer, students will be able to pursue a bachelor's degree in several Ethnic Studies-related programs such as Critical Race Studies, Ethnic Studies, Africana Studies, Latinx Studies, Asian-American Studies, English, History, American Studies, International Relations, Global Politics, Political Science, Anthropology, and Sociology at CUNY senior colleges and other bachelor's degree-granting institutions.

History Option

Liberal Arts Option Director: Dr. Chelsea Del Rio
cdelrio@lagcc.cuny.edu

History Option (AA degree) is designed for those students who have a strong personal interest in learning more about History, and for students who plan to become History majors in four-year institutions. Students who major in History have a variety of career choices available, and the Option prepares students for advanced work in historical studies by training them in reading comprehension and textual analysis, critical thinking skills, and research methodologies. History classes help train students to appreciate a wide variety of writing styles and rhetorical strategies, thus exposing them to a greater diversity of literature. In addition, Writing Intensive Classes in History train students to conduct research and cite sources in accordance with standard scholarly practices.

International Studies Option

Liberal Arts Option Director: Dr. Maria Savva
msavva@lagcc.cuny.edu

(International Studies Option (AA degree) is an inter-disciplinary program that draws on the best resources of LaGuardia to prepare students to become better-informed world citizens and to develop the competencies needed to survive and succeed in the new global economy. Students in the International Studies program learn about cross-cultural understanding, explore global perspectives on various world issues and cultures, become more familiar with distinct regions and cultures of the world, and take at least two cycles of a foreign language. The option in International Studies promotes global awareness, intercultural understanding, and international engagement. The Liberal Arts International Studies Option is articulated with the International Studies interdisciplinary major at City College.

Japanese Option

Liberal Arts Option Director: Dr. Tomonori Nagano
tnagano@lagcc.cuny.edu

(Japanese Option (AA degree) enables students to learn the Japanese language and other related disciplines such as Japanese literature, the art of Asia, East Asian history, religions in Asia, and social psychology in Asia. The curriculum is designed to prepare students for transfer to baccalaureate programs in East Asian Studies or Japan Studies. The Liberal Arts Japanese Option is articulated with the East Asian Studies major (Japanese track) at Queens College.

Journalism Option

Liberal Arts Option Director: Dr. Bijoyeta Das
bdas@lagcc.cuny.edu

The Journalism Option in Liberal Arts leads to an Associate of Arts (AA) degree. The program prepares you for journalism and other media careers through teaching the fundamentals of the news gathering process, from developing story ideas, conducting secondary research and in-person interviews, to writing and editing and publishing stories.

Latin American Studies Option

Liberal Arts Option Director: Dr. Ana Maria Hernandez
hernandezan@lagcc.cuny.edu

The goals of the Latin American Studies program are to strengthen knowledge of Latin American/Latine culture for students wishing to seek careers related to Latin American literature, history, arts, music, film, theater in New York and other national or international centers of Latin American culture, in the United States or at the global level. The option also prepares students for successful transfer to senior colleges specializing in Latin American Studies, Criminal Justice, human rights, government service, visual/performing arts, modern languages, and other humanities and social science related fields.

What makes it different?

Although previous knowledge of Spanish, Portuguese or French is an asset, the focus on the option is to develop knowledge of the full range of Latin American cultural contributions of all ethnicities at a local, hemispheric and global level, especially in the fields of literary studies, visual and performing arts, humanities and social sciences, for business, government services, human rights organizations, arts administration, and related fields.

Political Science Option

Liberal Arts Option Director: Dr. Anja Vojvodic
avojvodic@lagcc.cuny.edu

Political Science Option (AA degree) seeks to educate and empower students to become civically informed and engaged global democratic citizens. To this end, we consider the ways that politics has developed over time, including some of the foundational ideas and institutions that make up government including nation states, international organizations or the sub-units of government such as states, counties, districts, etc. In the process, we address the following questions: What counts as political? What is political power? What is political authority? What makes political authority legitimate or illegitimate? What is the purpose of government? What should it be? What roles do government institutions, political parties, social

movements, and interest groups play in a constitutional democracy? Power and conflict are frequent topics of study but so are the means used to make collective and policy decisions such as elections and legislative voting. In studying these topics, political scientists use philosophical, historical, legalistic and quantitative methods.

Teaching English to Speakers of Other Languages (TESOL)/ Linguistics Option

Liberal Arts Option Director: Dr. Monika Ekiert
mekiert@lagcc.cuny.edu

Teaching English to Speakers of Other Languages (TESOL)/Linguistics Option (AA degree) provides the foundation for a career in TESOL in a diverse range of English teaching settings. The option is designed for students interested in pursuing teaching English as a New Language (also called English as a Second Language or English as a Foreign Language) in private and public-school contexts, both in the United States and abroad. The demand for teachers with training in TESOL is very high around the world and this degree equips students with the skills to become successful TESOL professionals. Our curriculum provides a foundation that includes educational linguistics, bilingualism, sociolinguistics, literacy, psycholinguistics, and language policy and planning. The program adheres to New York State Teacher Education requirements, preparing students for an Initial Certificate to teach in New York State public schools (all grades). Students graduating from LaGuardia with an AA in TESOL/Linguistics will be able to transfer and enroll in the Bachelor of Arts degree in Applied Linguistics: TESOL at our partner institution, Queens College.

Women, Gender, and Sexuality Studies Option

Liberal Arts Option Director(s):
Dr. Anita Baksh, abaksh@lagcc.cuny.edu (Fall 2022)
Dr. Hara Bastas, hbastas@lagcc.cuny.edu (Spring 2023)

Women, Gender, and Sexuality Studies Option (AA degree) engages students in the critical discovery and exploration of culture and society through the intersections of gender, sexuality, race, class, age, ability, religion, region, and nationality. The option is designed for students who have a strong interest in learning about key debates and theoretical concepts central to WGS, and for students that plan to major in WGS or related fields at four-year institutions.

As an interdisciplinary option with faculty from Social Sciences, English, and Humanities, WGS prepare students to become better equipped to tackle the systemic implications and outcomes of particular local, national, and global forces that affect women and LGBTQ people.

* * *

All Liberal Arts and Sciences majors have advisors to help with the planning of their programs. Planning course sequences will allow students to take full advantage of existing articulation agreements.

Liberal Arts–Social Science and Humanities: AA Degree

GENERAL SOCIAL SCIENCE AND HUMANITIES OPTION

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101/ENA101 English Composition I (depending on placement)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits*

Life & Physical Sciences: 3 credits*

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are required to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts Social Science and Humanities	3
ENG103 The Research Paper	3
LIB200 Humanism, Science and Technology [capstone]	3
ELL101 Introduction to Language	3

Select one course in each of the following categories:
see Liberal Arts program website

https://www.laguardia.edu/uploadedfiles/main_site/content/academics/departments/liberal_arts/libera-social-electivelist.pdf
for approved courses in each category

Education and Language Acquisition:

Modern Language or Literature elective ^{1,2}	3
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English Department:

Literature elective ^{1,2}	3
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Humanities Department:

Philosophy elective ^{1,2}	3
Humanities elective ^{1,2}	3

Social Science Department:

Anthropology, Sociology, Psychology, Political Science or Economics elective ^{1,2}	3
History elective ^{1,2}	3

Liberal Arts:

Liberal Arts electives ^{2,3}	0-18
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Notes:

- 1 – Courses taken in the Pathways Flexible core which are also in the approved list for this category can be used to satisfy this requirement
- 2 – A list of approved Liberal Arts electives can be found on the program page in the catalog
- 3 – The number of electives you can choose depends on how many of your Pathways flexible core courses also satisfy program core requirements

TOTAL CREDITS: 60

DEAF STUDIES OPTION**PATHWAYS COMMON CORE: 30 CREDITS****A. REQUIRED CORE: 12 Credits****English: 6 credits**

- ENG101 English Composition I* 3
(or ENA101 depending on placement)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

- Select one course from the following:* 3
MAT107: Mathematics and the Modern World
MAT123 Modern Problem Solving (Depending on placement)
MAT115 College Algebra and Trigonometry
MAT117 Algebra and Trigonometry (depending on placement)
MAT119 Statistics with Elementary Algebra
(depending on placement)
MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

- Select one of the following courses:* 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCC102 Chemistry of Photography
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

- World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS**Liberal Arts**

- LIF101 First Year Seminar for Liberal Arts Social Science
and Humanities 3
LIB200 Humanism, Science and Technology 3

English

- ENG103 Preparing and Writing the Research Paper 3

Education & Language Acquisition

- ELN101 Introduction to Bilingualism 3

Deaf Studies

- ELM101 American Sign Language 1
ELM102 American Sign Language 2
ELM103 American Sign Language 3
ELM104 American Sign Language 4

Social Science

- SSS190 Sociology of American Deaf Community 3

TOTAL CREDITS: 60



OR

ETHNIC STUDIES OPTION

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101/ENA101 English Composition I (depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits*

Life & Physical Sciences: 3 credits*

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

- World Cultures and Global Issues
- US Experience in its Diversity
- Creative Expression
- Individual and Society
- Scientific World

Students are required to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts Social Science and Humanities	3
ENG103 The Research Paper	3
LIB200 Humanism, Science and Technology (capstone)	3
LIB105 Introduction to Ethnic Studies	3

English: 6 credits

Select two of the following courses:

ENG204 Asian American Literature	3
ENG225 Afro-American Literature	3
ENG235 Cultural Identity in American Literature	3
ENG248 Latino/Latina Writing in the United States	3
ENG268 The Immigrant Experience in American Literature	3
ENG269 Contemporary Black American Fiction	3
ENG295 World Literatures Written in English	3

Education and Language Acquisition: 3 credits

Select one of the following courses:

ELN101 Introduction to Bilingualism	3
ELN105 Languages of the World and of New York City	3
ELN194 The Puerto Rican Community Minority Group Experience	3
EIS215 Language Issues in a Global World	3

Humanities: 3 credits

Select one of the following courses:

HUC204 Race and Communication	
HUM110 Introduction to Jazz	
HUN110 Hip Hop; Music, Culture, and Politics	
HUN190 Ethics and Society	
HUN196 Film and New York City	
HUN212 Photography in New York	
HUT220 Contemporary Latina/o Theatre in the United States	

Social Science: 6 credits

Select two of the following courses:

SSH231 African American History	
SSN183 History of Minorities	
SSN186 Sociology of the Black Community	
SSN240 History of New York City	
SSN280 Urban Black Psychology	
SSP101 U.S. Power and Politics	
SSP240 The Politics of Crime and Punishment in the U.S.	
SSS233 Sociology of Race and Racism	

* For a list of approved courses, go to: www.laguardia.edu/Pathways/

TOTAL CREDITS **60**

OR

HISTORY OPTION

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I* 3
(or ENA101 depending on placement scores)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses: 3
MAT107 Mathematics and the Modern World
MAT123 Modern Problem Solving (Depending on placement)
MAT115 College Algebra and Trigonometry
MAT117 Algebra and Trigonometry
(depending on placement)
MAT119 Statistics with Elementary Algebra
(depending on placement)
MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

Select one of the following courses: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category. Note: Students can select only two courses from any one discipline.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

PROGRAM CORE: 30 CREDITS

Liberal Arts: 6 credits

LIF101 First Year Seminar for Liberal Arts Social Science and Humanities 3
LIB200 Humanism, Science and Technology 3

English

ENG103 Preparing and Writing the Research Paper 3

Humanities: 3 credits

Select one of the following courses: 3
HUA101 Introduction to Art
HUA103 Beginning Drawing
HUA110 Beginning Painting
HUA120 Beginning Sculpture
HUA130 Beginning Photography
HUC101 Fundamentals of Speech Communication
HUC106 Public Speaking
HUC150 The Art of Film
HUC270 American Film
HUM101 Introduction to Music
HUM155 Voice I
HUM170 Guitar I
HUM210 American Music
HUN195 Art in New York
HUP101 Introduction to Philosophy
HUP104 Ethics and Moral Issues
HUP105 Philosophy of Religion
HUP106 Social and Political Philosophy
HUT101 Art of Theatre
HUT110 Acting I

Social Science: 18 credits

Select four of the following courses: 12
SSH101 Themes in American History to 1865
SSH102 Themes in American History since 1865
SSH103 Western Civilization from Ancient Times to the Renaissance
SSH104 Western Civilization from the Renaissance to Modern Times
SSH105 World History from Ancient Times to 1500
SSH106 World History from 1500 to the Present
SSH110 East Asia Civilization and Societies
SSH113 Modern Chinese History
SSH114 Modern Japanese History
SSH121 Ancient Greek Civilization
SSH122 History of the Roman State and People
SSH131 Latin American History 1
SSH132 Latin American History 2
SSH151 Women and Gender in US History
SSH153 History of US Foreign Policy & International Relations
SSH171 The World Since 1900
SSH231 Afro-American History
SSH232 Survey of Latin American and Caribbean History

Select two of the following: 6
SSA100 Introduction to Anthropology
SSA101 Cultural Anthropology
SSE103 Introduction to Microeconomics
SSE104 Introduction to Macroeconomics
SSP101 U.S. Power and Politics
SSP250 Political Ideas and Ideologies
SSS100 Introduction to Sociology
SSY101 General Psychology

TOTAL CREDITS:

60

INTERNATIONAL STUDIES OPTION

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I* (or ENA101 depending on placement)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT123 Modern Problem Solving (Depending on placement)	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement)	
MAT119 Statistics with Elementary Algebra (depending on placement)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 Credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCC102 Chemistry of Photography	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category. Note: Students can select only two courses from any one discipline.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed in the program handbook.

PROGRAM CORE: 30 CREDITS

Liberal Arts: 6 credits

LIF101 First Year Seminar for Liberal Arts Social Science and Humanities	3
LIB200 Humanism, Science and Technology	3

English

ENG 103 Preparing and Writing the Research Paper	3
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ENG/ELA/Humanities: 3 credits

<i>Select one of the following courses:</i>	3
EIS216 International Schooling in Global Contexts	
ENG295 World Literatures Written in English	
ELF250 Modern French Literature in Translation	
ELS250 Contemporary Latin American Fiction in Translation	
ELA250 Modern Arabic Literature in Translation	
ELC 250 Chinese Literature in English Translation	
ELH250 Contemporary Hebrew Lit in Translation	
ELI250 Italian Literature in Translation	
ELJ250 Japanese Literature in Translation	
ELK250 Modern Korean Literature in Translation	
ELR250 20th Century Russian Literature in Translation	
ELA260 Arab Cinema: Cultural Insights through Film	
HUM107 Music of Latin America	
HUM109 World Music	
HUA167 Introduction to African Art	
HUA191 Art of Eastern Asia	

Education and Language Acquisition: 9 credits

EIS215 Language Issues in a Global World	3
Modern Language	6

Social Science: 9 credits

<i>Select one of the following courses:</i>	3
SSA106 Anthropology of Latin America	
SSA120 Peoples and Cultures of the Caribbean	
SSH113 Modern Chinese History	
SSH114 Modern Japanese History	
SSH153 History of the United States and World Affairs	
SSH110 East Asia Civilization and Societies	
SSA100 Introduction to Anthropology	
SSA101 Cultural Anthropology	
SSE105 International Economics	
SSE125 World Geography	
SSH103 Western Civilization from Ancient Times to the Renaissance	
SSH104 Western Civilization from the Renaissance to Modern Times	
SSH105 World History from Ancient Times to 1500	
SSH106 World History from 1500 to the Present	
SSS100 Introduction to Sociology	

<i>Select two of the following courses:</i>	6
SSH232 Survey of Latin American and Caribbean History	
SSP220 Politics of Latin America and the Caribbean	
SSP200 Global Politics	
SSP250 Political Ideas and Ideologies	
SSI210 Women in Society	

TOTAL CREDITS:

60

JAPANESE OPTION

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

- ENG101 English Composition I* 3
(or ENA101 depending on placement)
- ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

- Select one of the following courses:* 3
- MAT107 Mathematics and the Modern World
- MAT123 Modern Problem Solving (Depending on placement)
- MAT115 College Algebra and Trigonometry
- MAT117 Algebra and Trigonometry
(depending on placement)
- MAT119 Statistics with Elementary Algebra
(depending on placement)
- MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

- Select one of the following courses:* 3
- SCB101 Topics in Biological Sciences
- SCB206 Introduction to Neuroscience
- SCC101 Topics in Chemistry
- SCC102 Chemistry of Photography
- SCP101 Topics in Physics
- SCP105 Life in the Universe
- SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 Credits 18

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

- World Cultures and Global Issues (ELJ101 and ELJ102)
- US Experience in its Diversity
- Creative Expression
- Individual and Society
- Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Liberal Arts

- LIF101 First Year Seminar for Liberal Arts Social Science and Humanities 3
- LIB200 Humanism, Science and Technology 3

English

- ENG 103 Preparing and Writing the Research Paper 3

Education and Language Acquisition

- ELJ103 Intermediate Japanese I 3
- ELJ104 Intermediate Japanese II 3
- ELJ250 Japanese Literature in Translation 3

Select one of the following courses: 3

- ELC101 Elementary Modern Chinese I
- ELC102 Elementary Modern Chinese II
- ELC103 Intermediate Modern Chinese I
- ELC105 Modern Chinese for Heritage Students
- ELC201 Modern Chinese Literature (taught in Chinese)
- ELC202 Contemporary Chinese Literature (taught in Chinese)
- ELC203 Classic Chinese Literature (taught in Chinese)
- ELK101 Elementary Korean I
- ELK102 Elementary Korean II
- ELK103 Intermediate Korean I
- ELK201 Modern Korean Literature (taught in Korean)

[Note] One Chinese or Korean language course depending on the placement score.

ELC101 and ELK101 are not paired with the 102-level course for Japanese Option students.

Humanities

- Select one of the following courses:* 3
- HUA101 Introduction to Art
- HUA191 The Art of Eastern Asia
- HUC106 Public Speaking
- HUC150 The Art of Film
- HUM101 Introduction to Music
- HUN195 Art in New York
- HUP101 Introduction to Philosophy
- HUP104 Ethics and Moral Issues

Social Science: 3 credits

- Select one of the following courses:* 3
- SSA100 Introduction to Anthropology
- SSA101 Cultural Anthropology
- SSE105 International Economics
- SSE125 World Geography
- SSH105 World History from Ancient Times to 1500
- SSH106 World History from 1500 to the Present
- SSP200 Global Politics
- SSH103 Western Civilization from Ancient Times to the Renaissance
- SSH104 Western Civilization from the Renaissance to Modern Times
- SSH110 East Asia Civilization and Societies
- SSH231 Afro-American History
- SSH232 Survey of Latin American and Caribbean History
- SSP220 Politics of Latin America and the Caribbean
- SSS100 Introduction to Sociology

Unrestricted electives: 3 credits 3

TOTAL CREDITS:

60

JOURNALISM OPTION**PATHWAYS COMMON CORE: 30 CREDITS****A. REQUIRED CORE: 12 Credits****English: 6 credits**

ENG101 English Composition I (or ENA101 depending on placement)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT123 Modern Problem Solving (Depending on placement)	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement)	
MAT119 Statistics with Elementary Algebra (depending on placement)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCC102 Chemistry of Photography	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS**Liberal Arts**

LIF101 First Year Seminar for Liberal Arts Social Science and Humanities	3
LIB200 Humanism, Science and Technology	3

English

ENG103 Preparing and Writing the Research Paper	3
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Journalism Core

<i>Select four of the following courses:</i>	12
ENG208 Introduction to Digital Journalism	
ENG209 Advanced Digital Journalism	
ENG210 Journalism: Its Scope and Use	
ENG211 Journalism: The Craft of Gathering and Reporting the News	
ENG212 Feature Writing for Newspapers and Popular Magazines	
ENG213 Broadcast Journalism: Writing for Radio	
ENG274 Creative Nonfiction Workshop	
ENG288 Internship	

Humanities

<i>Select one of the following courses:</i>	3
HUA101 Introduction to Art	
HUC106 Public Speaking	
HUC150 The Art of Film	
HUM101 Introduction to Music	
HUN195 Art in New York	
HUP101 Introduction to Philosophy	
HUP104 Ethics and Moral Issues	

Social Science

<i>Select one of the following:</i>	3
SSA100 Introduction to Anthropology	
SSA101 Cultural Anthropology	
SSE105 International Economics	
SSE125 World Geography	
SSH105 World History from Ancient Times to 1500	
SSH106 World History from 1500 to the Present	
SSP200 Global Politics	
SSH103 Western Civilization from Ancient Times to the Renaissance	
SSH104 Western Civilization from the Renaissance to Modern Times	
SSH110 East Asia Civilization and Societies	
SSH231 Afro-American History	
SSH232 Survey of Latin American and Caribbean History	
SSP220 Politics of Latin America and the Caribbean	
SSS100 Introduction to Sociology	

Unrestricted electives: 3 credits

TOTAL CREDITS:

60

LATIN AMERICAN STUDIES OPTION

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I (or ENA101 depending on placement)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT123 Modern Problem Solving (Depending on placement)	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement)	
MAT119 Statistics with Elementary Algebra (depending on placement)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 Credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCC102 Chemistry of Photography	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. Flexible Core: 18 credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline. If you took a foreign language 101 you must take 102 in the same language to get credit for the 101.

PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts Social Science and Humanities	3
LIB200 Humanism, Science and Technology	3

English: 3 credits

ENG103 Preparing and Writing the Research Paper	3
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Education and Language Acquisition: 6 credits

<i>Select two of the following:</i>	6
ELF201 French Literature From a Global Perspective	
ELF250 Modern French Literature in Translation	
ELS200 Latin American Literature I	
ELS201 Latin American Literature II	
ELS204 Latin American Civilizations	
ELS205 Latin American Civilizations	
ELS250 Latin American Fiction in Translation	
<i>ELS200, ELS201, ELS204 are taught in Spanish</i>	
<i>ELS205, ELS250 and ELF250 are taught in English</i>	
<i>ELF201 is taught in French</i>	

Humanities: 6 credits

<i>Select two of the following:</i>	6
HUA196 Latin American Art	
HUC150 The Art of Film	
HUM107 Music of Latin America	
HUP116 Latin American Philosophy	
HUT220 Contemporary Latina/o Theatre in the United States	

Social Science: 6 credits

<i>Select two of the following:</i>	6
SSA106 Anthropology of Latin America	
SSA120 Peoples and Culture of the Caribbean	
SSH232 Survey of Latin American and Caribbean History	
SSP200 Global Politics	
SSP220 Politics of Latin America and the Caribbean	

ELA/Humanities/Social Science Elective: 3 credits

Choose an additional course from Social Science, Humanities or ELA from the above lists.

TOTAL CREDITS:

60

POLITICAL SCIENCE OPTION

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I* (or ENA101 depending on placement)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT123 Modern Problem Solving (Depending on placement)	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement)	
MAT119 Statistics with Elementary Algebra (depending on placement)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCC102 Chemistry of Photography	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts Social Science and Humanities	3
LIB200 Humanism, Science and Technology	3

English

ENG103 Preparing and Writing the Research Paper	3
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Social Science: 18 credits

SSP101 U.S. Power and Politics	3
SSP200 Global Politics	3
SSP245 Law and Human Rights in America	3
SSP250 Political Ideas and Ideologies	3

Select one of the following courses:

SSN192 Practical Politics of NYC	3
SSN210 Politics of Sexuality	3

Select one of the following courses:

SSH101 Themes in American History to 1865	3
SSH102 Themes in American History since 1865	
SSH103 Western Civilization from Ancient Times to the Renaissance	
SSH104 Western Civilization from the Renaissance to Modern Times	
SSH105 World History from Ancient Times to 1500	
SSH106 World History from 1500 to the Present	
SSA100 Introduction to Anthropology	
SSA101 Cultural Anthropology	
SSE103 Introduction to Microeconomics	
SSE104 Introduction to Macroeconomics	
SSS100 Introduction to Sociology	

Unrestricted Elective: 3 credits

TOTAL CREDITS:

60

TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)/LINGUISTICS OPTION
PATHWAYS COMMON CORE: 30 CREDITS
A. REQUIRED CORE: 12 Credits
English: 6 credits

ENG101 English Composition I* (or ENA101 depending on placement)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT123 Modern Problem Solving (Depending on placement)	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement)	
MAT119 Statistics with Elementary Algebra (depending on placement)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCC102 Chemistry of Photography	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories and one additional course from any flexible core category. Note: Students can select only two courses from any one discipline.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are required to select one Urban Study course to complete college requirement.

PROGRAM CORE: 30 CREDITS
Liberal Arts

LIF101 First Year Seminar for Liberal Arts Social Science and Humanities	3
LIB200 Humanism, Science and Technology	3

English

ENG103 Preparing and Writing the Research Paper	3
---	---

Education and Language Acquisition

ELL101 Introduction to Language	3
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TESOL - Linguistics

ELL 120 Structure of English	3
HUC106 Public Speaking* (CE)	3
HUC115 Phonetics	3
ELN101 Introduction to Bilingualism	3
ELL220 Introduction to Sociolinguistics	3
ELN122 Foundations of American Education: Grades 7-12	3
SSH101 Themes in American History to 1865* (US Exp)	3
SSY 105 Learning and Education: Childhood to Adolescence	3

* Students are advised to select these courses in the Pathways General Education Common Core area indicated in brackets, in order to complete the degree within 60 credits. If students take other courses in these areas, they will be certified as having completed the Common Core area, but it may not be possible for them to finish their degree programs within the regular number of credits. CE = Creative Expression, US Exp – US Experience in its Diversity

TOTAL CREDITS:
60

WOMEN, GENDER AND SEXUALITY STUDIES OPTION
PATHWAYS COMMON CORE: 30 CREDITS
A. REQUIRED CORE: 12 Credits
English: 6 credits

ENG101 English Composition I 3
(or ENA101 depending on placement)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses: 3
MAT107 Mathematics and the Modern World
MAT123 Modern Problem Solving (Depending on placement)
MAT115 College Algebra and Trigonometry
MAT117 Algebra and Trigonometry
(depending on placement)
MAT119 Statistics with Elementary Algebra
(depending on placement)
MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

Select one of the following courses: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCC102 Chemistry of Photography
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category. Note: Students can select only two courses from any one discipline.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

PROGRAM CORE: 30 CREDITS
Liberal Arts

LIF101 First Year Seminar for Liberal Arts Social Science and Humanities 3
LIB 200 Humanism, Science & Technology 3

Women, Gender and Sexuality Studies

LIB101 Introduction to Women, Gender and Sexuality Studies 3
LIB201 Transnational Feminisms 3

English: 6 credits

ENG 103 Preparing and Writing the Research Paper 3

Select one of the following courses: 3

ENG245 Images of Women in Literature
ENG247 The Woman Writer: Her Vision and Her Art
ENG261 Literature of Difference: Gay and Lesbian Writers
ENG252 Sexuality in Literature

Humanities: 3 credits

Select one of the following courses: 3
HUP122 Philosophy of Gender and Sex
HUC118 Gender and Communication

Social Science: 9 credits

Select three of the following courses: 9
SSH151 Women and Gender in U.S. History
SSN201 Politics of Sexuality
SSI210 Women in Society
SSY205 Psychology of Women

TOTAL CREDITS:
60

Liberal Arts–Mathematics and Science: AS Degree

PATHWAYS COMMON CORE: 33 CREDITS

This program has a waiver to require STEM courses in the Common Core.

A. REQUIRED CORE: 13 Credits

English: 6 credits

ENG101/ENA101 English Composition I 3
(depending on placement scores)

Select one of the following courses:

ENG102 Writing through Literature 3

ENG259 Technical Writing 3

Mathematical and Quantitative Reasoning: 3 credits*

Select one of the following courses: 3

MAT115 College Algebra and Trigonometry

MAT117 Algebra and Trigonometry

(Depending on placements)

Life & Physical Sciences: 4 credits*

Select one of the following courses: 4

SCB201 General Biology I (STEM)

SCC201 General Chemistry I (STEM)

SCP201 Fundamentals of Physics I (STEM)

SCP231 General Physics I (STEM)

B. FLEXIBLE CORE: 20 Credits

Select one course from each of the first four flexible core categories and two courses (as specified below) from the Scientific World category.

World Cultures and Global Issues

US Experience in its Diversity

Creative Expression

Individual and Society

Scientific World* - *Students are required to select SCB202/SCC202/SCP202/SCP232 to complete the sequence begun in the Life and Physical Sciences category and MAT200*

Students are required to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 27 CREDITS

Liberal Arts: 6 Credits

LMF101: First Year Seminar for Math and Science 3

LIB200 Humanism, Science and Technology (capstone) 3

Humanities: 3 Credits

Select one of the following courses:

HUA103 Beginning Drawing

HUC106 Public Speaking

HUC150 Art of Film

HUM210 American Music

HUP104 Ethics and Moral Issues

Social Science: 3 credits

Select one of the following courses:

SSA100 Introduction to Anthropology 3

SSA101 Cultural Anthropology

SSE103 Introduction to Microeconomics

SSE104 Introduction to Macroeconomics

SSP101 U.S. Power and Politics

SSP200 Global Politics

SSS100 Introduction to Sociology

SSY101 General Psychology

SSH102 Themes in American History since 1865

SSH104 Western Civilization from the Renaissance to Modern Times

Mathematics: 3-4 credits

Select one of the following:

MAT120 Elementary Statistics I 3

MAT201 Calculus I 4

Math/Science Electives: 11-12 credits

Select three to four courses from the following:

Students are advised to complete science sequences to ensure course-to-course transfer to 4-year colleges

Mathematics:

MAT120 Elementary Statistics I 3

MAT121 Elementary Statistics II 3

MAT201 Calculus (STEM) 4

MAT202 Calculus II (STEM) 4

MAT203 Calculus III (STEM) 4

MAT204 Elementary Differential Equations 4

MAT210 Linear Algebra 3

MAT212 Linear Algebra and Vector Analysis 3

MAT221 Introduction to Probability 4

MAT231 Introduction to Discrete Math 3

Biology:

SCB115 Principles of Biology 4

SCB201 General Biology I 4

SCB202 General Biology II 4

SCB203 Human Anatomy and Physiology I 4

SCB204 Human Anatomy and Physiology II 4

SCB208 Vertebrae Anatomy and Physiology I 3

SCB209 Vertebrae Anatomy and Physiology II 3

SCB252 Fundamentals of Biotechniques 3

SCB255 Cell Biology 4

SCB260 General Microbiology 4

SCB265 Ecology 4

Chemistry:

SCC201 General Chemistry I 4

SCC202 General Chemistry II 4

SCC251 Organic Chemistry I 5

SCC252 Organic Chemistry II 5

Geography:

SCG120 Introduction to Oceanography 3

SCG150 Introduction to Geographic Information Systems 3

Continued on next page....

Liberal Arts–Mathematics and Science: AS Degree, (continued)

PROGRAM CORE CONTINUED

Physics:

SCP201 Fundamentals of Physics I	4
SCP202 Fundamentals of Physics II	4
SCP231 General Physics I	4
SCP232 General Physics II	4
SCP233 Introduction to Modern Physics	4

Experiential Learning

SCI204 Research in Natural Sciences	3
or	
LIB204 Experiential Learning in Liberal Arts	3

Unrestricted Elective: 0-1 credit

* For a list of approved courses, go to:
www.laguardia.edu/Pathways/Required-Common-Core/

TOTAL CREDITS: **60**

Liberal Arts–Mathematics and Science: Applied Math Option: AS Degree

PATHWAYS COMMON CORE: 28 CREDITS

This program has a waiver to require STEM courses in the Common Core.

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (or ENA101 depending on placement)	3
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Select one of the following courses:

ENG102 Writing through Literature	3
ENG259 Technical Writing	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement)	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCC102 Chemistry of Photography	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 20 Credits 20

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World* - *Students are required to select MAT200 and MAT201*

Students are advised to select one Urban Study course to complete college requirement. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 28 CREDITS

Liberal Arts: 6 credits

First Year Seminar for Liberal Arts Math and Science	3
LIB200 Humanism, Science and Technology	3

Mathematics: 14 Credits

MAT202 Calculus II	4
MAT203 Calculus III	4
MAT210 Linear Algebra	3
MAT231 Introduction to Discrete Math	3

Computer Science: 6 Credits

MAC101 Introduction to Computer Science	3
MAC190 Object-Oriented Programming	3

Unrestricted Elective: 2 Credits 2

TOTAL CREDITS: **60**



Photo: ©LaGCC

MUSIC PERFORMANCE

www.laguardia.edu/music/

Program Director: Professor Thomas Dempsey
tdempsey@lagcc.cuny.edu

The Music Performance major, offered through the Humanities Department, leads to an Associate of Science (AS) degree. This curriculum provides students with skills and knowledge necessary to pursue a wide spectrum of careers in music and the entertainment industry. Students develop performance-based skills through a combination of classroom training and individual instrumental instruction. Participation in performances in a variety of musical styles will be a part of every student's program. Studies include the ability to analyze, critically assess and write about music through courses in music history, music theory, and musicianship. This balanced approach to the AS in Music Performance degree provides students with a strong foundation in which to pursue a career in performance, production, or education. Students transferring to a senior college will have the option of pursuing a Bachelor of Music, Bachelor of Arts, Bachelor of Science, or a Bachelor of Fine Arts degree.

Music Performance: AS Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I 3
(or ENA101 depending on placement)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses: 3
MAT107 Mathematics and the Modern World
MAT123 Modern Problem Solving (Depending on placement)
MAT115 College Algebra and Trigonometry
MAT117 Algebra and Trigonometry
(depending on placement)
MAT119 Statistics with Elementary Algebra
(depending on placement)
MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

Select one of the following courses: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCC105 Chemistry of Photography
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 Credits

18

Select one course from each of the five flexible core categories AND one additional course from any flexible core category

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

First Year Seminar for Liberal Arts Social Science and Humanities	3
HUM 101 Introduction to Music	3
HUM 140 Music Theory I	3
HUM 240 Harmony and Counterpoint	4
HUM 144 Musicianship I	2
HUM 244 Musicianship II	2
HUM 180 Piano I	1
HUM 181 Piano II	1
HUM 182 Piano III	1
HUM 183 Piano IV	1
HUM 160 Applied Music I	2
HUM 161 Applied Music II	2
HUM 261 Applied Music III	2
Select one course from the following:	
HUM 152 Contemporary Vocal Ensemble I	1
HUM 174 Ensemble I	1
Select one course from the following:	
HUM 252 Contemporary Vocal Ensemble II	1
HUM 274 Ensemble II	1
Select one course from the following:	
HUM 253 Contemporary Vocal Ensemble III	1
HUM 275 Ensemble III	1

TOTAL CREDITS: 60

MUSIC RECORDING TECHNOLOGY

www.laguardia.edu/music-recording

Program Directors:

Professor Thomas Dempsey

tdempsey@lagcc.cuny.edu

Professor William Fulton

wfulton@lagcc.cuny.edu

The Music Recording Technology Program, offered through the Humanities Department, leads to an Associate in Applied Science (AAS) degree and provides career preparation as an audio technician. Students will be provided with theoretical knowledge of the field, in-depth audio recording technical knowledge and practical hands-on skills.

This innovative program integrates computer, electronic, musical, and hands-on recording studio training to prepare students for jobs in the industry. The AAS degree program in Music Recording Technology addresses the critical need for skilled technicians on local and national levels in the evolving and dynamically expanding digital industry.

Music Recording Technology: AAS Degree

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I 3

(or ENA101 depending on placement)

ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses: 3

MAT107 Mathematics and the Modern World

MAT123 Modern Problem Solving (Depending on placement)

MAT115 College Algebra and Trigonometry

MAT117 Algebra and Trigonometry
(depending on placement)

MAT119 Statistics with Elementary Algebra
(depending on placement)

MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

Select one of the following courses: 3

SCB101 Topics in Biological Sciences

SCB206 Introduction to Neuroscience

SCC101 Topics in Chemistry

SCC105 Chemistry of Photography

SCP101 Topics in Physics

SCP105 Life in the Universe

SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 9 Credits

9

Select three courses from the flexible core categories below.

Note: Only one course may be selected from a category and select courses from three different disciplines.

World Cultures and Global Issues

US Experience in its Diversity

Creative Expression

Individual and Society

Scientific World

Additional Common Core courses will be required when transferring to a CUNY College. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

Students are advised to select one urban studies course from the flexible core to complete college graduation requirements.

PROGRAM CORE: 39 CREDITS

Humanities: 12 credits

MRF101 First Year Seminar for Music Recording Technology 2

HUM140 Music Theory I 3

HUM146 Music Audio Recording 3

HUM147 Music Audio Recording 2 3

HUM180 Piano 1

Technology: 27 credits

HUX102 Basics of Digital Audio 3

HUX103 Ear Training and Acoustics 3

HUX104 The Business of Music 3

HUX106 Digital Music Production 3

HUX107 Analog Equipment and Microphones 3

HUX108 Mixing Music I 3

HUX110 Recording Workshop 3

HUX112 Post-Production Audio 3

HUX114 Audio Career Applications 3

TOTAL CREDITS:

60

NEW MEDIA TECHNOLOGY

www.laguardia.edu/new-media-technology/

Program Director: Profesor Sarada Rauch (2022-2023)

srauch@lagcc.cuny.edu

New Media Technology students develop a broad understanding of multimedia and Internet-based technologies in order to develop expertise in creating the type of digital content that is widely in demand. The field of New Media is incredibly varied and provides writers, musicians, artists, filmmakers, and business people with powerful new tools for economic development and creative expression. As a New Media Technology specialist you can chose the career path that best fits your skills. This program can be an excellent choice for students who are technically competent and creative. Choose from specializations in: Digital Media, Game Design, Mobile App Development, E-Business or Digital Journalism.

New Media Technology: AAS Degree

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I 3
(or ENA101 depending on placement)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one course from the following: 3
MAT107 Mathematics and the Modern World
MAT123 Modern Problem Solving (Depending on placement)
MAT115 College Algebra and Trigonometry
MAT117 Algebra and Trigonometry
(depending on placement)
MAT119 Statistics with Elementary Algebra
(depending on placement)
MAT120 Elementary Statistics

Life and Physical Sciences: 3 credits

Select one of the following courses: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCC102 Chemistry of Photography
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE*

Select three courses from the five flexible core categories. 9
World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select an Urban Study course to complete college requirements. To complete the degree requirements from Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Students can select only two courses from any one discipline.

PROGRAM CORE: 39 CREDITS

New Media Technology: 18 credits

LIF101 First Year Seminar for Liberal Arts Social Science and Humanities 3
HUW112 Introduction to New Media 3
HUW162 Web Animation 3
HUW163 Internet Video 3
HUW166 Introduction to Web Development 3
HUW269 New Media Project Lab 3

Urban Studies: 3 credits

Select one of the following courses: 3
HUN165 The Mediated City
HUN196 Film and New York City

Select one of the following courses 3 credits: 3
HUW260 Experiential Learning in New Media Technology
HUW111 E-Commerce Technology

Select one track from the following:

DIGITAL MEDIA TRACK (15 CREDITS)
Select five (5) of the following courses: 15 credits

HUA125 Computer Art I
HUA126 Computer Art II
HUA103 Beginning Drawing
HUA131 Digital Photography
HUC240 Video Production Workshop I
HUC241 Video Production Workshop II
HUM146 Music Audio Recording
HUW160 Topics in New Media
HUW161 Principles of Multimedia and Web Design
HUW167 Dynamic Web Design
HUW169 Game Design

ENTREPRENEURSHIP TRACK (15 CREDITS)

BTM101 Introduction to Business
BTM104 Principles of Marketing
BTM110 Business Law
BTM116 Introduction to eBusiness
BTM251 Launching New Businesses

DIGITAL JOURNALISM TRACK (15 CREDITS)

ENG208 Introduction to Digital Journalism
ENG209 Advanced Digital Journalism
ENG210 Journalism: Its Scope and Use
Select two of the following courses: 6 credits
ENG211 Journalism: Craft of Gathering and Reporting the News
ENG212 Feature Writing for Newspapers and Popular Magazines
ENG213 Broadcast Journalism: Writing for Radio
ENG274 Creative Nonfiction Workshop
ENG277 Creative Writing New Media Workshop

TOTAL CREDITS: 60



Photo: ©LaGCC

NURSING (REGISTERED NURSING)

www.laguardia.edu/nursing

Program Director: Professor Faith Armstrong
farmstrong@lagcc.cuny.edu

The Nursing Program (RN), coordinated by the Health Sciences Department, offers the Associate in Applied Science (AAS) degree. Graduates are eligible to sit for the National Council of State Boards Licensure Examination (NCLEX-RN).

The RN Program is accredited by the NYS Board of Regents (www.op.nyed.gov) and fully accredited by the ACEN. Information regarding the accreditation status of the RN Program may be attained by contacting ACEN3343 Peachtree Road N.E.Suite 850, Atlanta, GA 30326 (www.acenursing.org).

The Program prepares graduates to function as registered nurses in structured care settings, using the nursing process to provide direct care to clients. The curriculum contains a balance of nursing and general education courses to enable the graduate to provide direct client care within the legal and ethical framework of nursing. Classroom instruction for nursing courses is complemented by supplemental learning through online collaborative activities, and clinical courses also contain laboratory experiences and clinical practice in area health care facilities.

Special progression standards exist for nursing majors. Students admitted into this major are considered to be in the “pre-clinical” phase.

To be admitted into the “clinical” phase, students must meet specific criteria which are described in the Nursing Student Handbook. The Nursing Handbook is available once students begin the clinical phase of the Program.

The RN Program website provides general information and educates the student regarding admission criteria and how the ranking score which determines clinical phase admission is calculated. The Registered Nursing Student Handbook provides information on grading criteria, retention, and graduation rates as well as a summary of graduates’ employment status. To be considered for the Program, a student must register for candidacy (4399) in either the Fall I or Spring I session immediately preceding the semester

Please see Page 196 for revised Nursing Programs Admission Policy

Digital Media Arts Certificate

Humanities: 33 credits

Introduction to New Media HUW112	3
Principles of Multimedia and Web Design HUW161	3
Web Animation and Interactivity HUW162	3
Internet Video and DVD Development HUW163	3
Introduction to Computer Art HUA125	3
The Art of Film HUC150	3
Video Production Workshop HUC240	3
Video Production Workshop II HUC241	3
American Film HUC270	3

Business and Technology: 3 credits

Introduction to Computers and Their Applications BTC100	3
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Elective: 3 credits

<i>Select one of the following:</i>	3
Introduction to Web Development HUW166	
Music Audio Recording I HUM146	

TOTAL CREDITS: 33

Registered Nursing: AAS Degree

PATHWAYS COMMON CORE: 23 CREDITS

This program has a waiver to list specific courses to complete Common Core requirements.

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I* (or ENA101 depending on placement)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following</i>	3
MAT119 Statistics with Elementary Algebra (depending on placement)	
MAT120 Elementary Statistics	

Life and Physical Sciences: 4 credits

SCB203 Human Anatomy and Physiology I (STEM)*	4
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B. FLEXIBLE CORE: 10 credits**

To complete the degree requirements from the Flexible Core, students are advised to select the following:

Scientific World

SCC110 Foundations of Chemistry*	4
SSY101 General Psychology*	3

Individual and Society

SSY240 Developmental Psychology	3
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** Additional Common Core courses will be required when transferring to a CUNY College.

PROGRAM CORE: 43 CREDITS

Health Sciences

HSF090 First Year Seminar for Health Sciences	0
SCN195 Community Health	2

Natural Sciences

SCB204 Human Anatomy and Physiology II	4
SCB260 General Microbiology	4

Nursing

SCL103 Concepts in Pharmacology and Nutrition	3
SCR110 Fundamentals of Nursing	6
SCR200 Psychiatric Mental Health Nursing	4
SCR210 Medical Surgical Nursing I	5
SCR270 Parent-Child Health Nursing	4
SCR280 Leadership and Delegation	2
SCR290 Medical Surgical Nursing II	9

*Key courses for candidacy

TOTAL CREDITS: 66

Notes:

- > Please see page 196 for REVISED Nursing Programs Admission Policy.
- > Nursing courses are only offered in the day during 12-week sessions with the exception of the PN to RN Pathway course-work.
- > All students must file for Registered Nursing Candidacy (Intent to Nursing) in order to progress to the clinical phase. To be considered for the RN program, students must register for the candidacy in either the Fall I or Spring I session immediately preceding the semester they plan to begin the clinical courses.
- > No grade lower than "C-" will be accepted for any required Math and Science course. Science courses in which students earn a "C-," "D+," "D," or "D-" may be repeated with permission of the Chairperson of the Natural Sciences Department. When Key Courses with grades of "C-," "D+," "D," "D-," or "F" are repeated, both course grades will be calculated in the Key Course average.
- > A minimum grade of C+ is required in a clinical course that is repeated.
- > Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken. Clinical courses are only transferable to senior colleges upon successful completion of the AAS degree.

PN to Nursing Pathway: Licensed practical nurses may be eligible for an advanced standing pathway, which may exempt them from the first year of required designated nursing courses. The Pathway requires PN licensure and successfully passing the NYS Coalition for Educational Mobility's Transition Course before applying for the 3-credit Bridge Course which begins the Pathway track into the final year of the Nursing Program leading to the AAS degree. Further information on Pathway articulation and admission is available in the Registered Nursing Student Handbook.

NUTRITION AND CULINARY MANAGEMENT

www.laguardia.edu/Nutrition-Culinary-Management

Program Director: Dr. Nicolle Fernandes

nfernandes@lagcc.cuny.edu

The Nutrition and Culinary Management Program, offered through the Health Sciences Department, leads to an Associate of Applied Science (AAS) degree. The program provides coursework in nutrition, food science, culinary arts, cultural foods, food production management, menu development, sanitation and safety principles, food procurement, sustainability, human resource management and additional support courses in liberal arts. The program participates in the ManageFirst certification administered through National Restaurant Association Solutions equipping students with key competencies to begin or advance their management careers in the culinary industry. Students become certified in five areas: ServSafe Food Safety, Controlling Foodservice Costs, Purchasing, Hospitality Human Resources Management and Supervision, and Hospitality and Restaurant Management. The internship component of the program helps students apply their classroom learning to practical work experience in the dietary/culinary industry. Students in this major select one of two options. The Nutrition option covers courses in medical nutrition therapy, nutrition across the lifecycle, nutrition education and counseling, and community nutrition preparing students for Dietary and Foodservice Manager/Supervisors positions responsible for preparation and service of nutritious and palatable patient meals. Graduates can find employment in medical centers, hospitals, extended care facilities, foodservice contract companies, child nutrition programs, and community health programs, and are also eligible for the Dietary Managers Association membership and can sit for the nationally recognized Certified Dietary Manager (CDM) credentialing exam, administered by the Association of Nutrition and Foodservice Professionals. The Culinary Management Option covers courses in business, accounting, events planning and customer sales and services preparing students for Culinary Manager positions responsible for daily operations of restaurants and other establishments that prepare and serve meals and beverages to customers. Graduates are qualified for entry-level middle management trainee positions in large-scale foodservice enterprises such as foodservice contract companies, restaurants, hotels, cafeterias, catering, school foodservice, fast food outlets, and vending machine operations.

Nutrition and Culinary Management: AAS Degree

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (or ENA101 depending on placement)	3
ENG102 Writing through Literature	3

Mathematics: 3 credits

Select one course from the following:

MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life and Physical Sciences: 3 credits

Select one course from the following:

SCB101 Topics in Biological Sciences	3
SCB206 Introduction to Neuroscience	3
SCC101 Topics in Chemistry	3
SCC102 Chemistry of Photography	3
SCP101 Topics in Physics	3
SCP105 Life in the Universe	3
SCP140 Topics in Astronomy	3

B. FLEXIBLE CORE: 9 credits

Select three courses from the following categories. Select only one course per category

World Cultures and Global Issues	Individual and Society
US Experience in its Diversity	Scientific World
Creative Expression	

To complete degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. SCD206 has a pre requisite of SSY101. SSY101 should be taken under Scientific World

PROGRAM CORE: 39 CREDITS

Health Sciences: 27 credits

HSF090 First Year Seminar for Health Sciences	0
SCD107 Careers in Nutrition and Culinary Management	1
SCD114 Culinary Arts I	3
SCD200 Introductory Nutrition	3
SCD214 Culinary Arts II	3
SCN240 Food and Culture	3
SCD250 Menu Planning and Production	3
SCD251 Principles of Sanitation	2
SCD252 Principles of Purchasing	3
SCD253 Culinary Management	3
SCD266 Nutrition and Culinary Management Internship	3

Select one of the following options:

NUTRITION OPTION: 12 CREDITS

SCD203 Life Cycle Nutrition	3
SCD204 Nutrition and Disease	3
SCD206 Nutrition Counseling	3
SCH160 Health and Wellness	3

CULINARY MANAGEMENT OPTION: 12 CREDITS

BTA111 Principles of Accounting I	3
BTM101 Introduction to Business	3
BTT212* Customer Sales and Service	3
BTT223* Meeting and Event Planning	3

*The BTT101 pre-requisite is waived for NCM majors.

TOTAL CREDITS: 60

OCCUPATIONAL THERAPY ASSISTANT

www.laguardia.edu/ota

Program Director: Dr. Regina Lehman

rlehman@lagcc.cuny.edu

The Occupational Therapy Assistant Program is coordinated by the Health Sciences Department, and offers a course of study leading to the Associate in Applied Science (AAS) degree. Graduates work with occupational therapists providing services to persons with needs caused by physical conditions and injuries, developmental delay, aging, mental health concerns, cognitive limitations, or other impairments.

Such services include: using developmental and play activities to help the child who has growth problems and learning disabilities develop the skills to manage school and social learning; assisting the elderly and others with diminished physical endurance to perform essential activities of daily living and achieve maximum independence; working with patients who have lost a limb to use a new prosthesis and master normal skills; designing and fabricating hand splints and instructing the client in their use; helping depressed clients feel more positively toward their environment through the use of productive activity; and making it easier for the socially withdrawn person to interact with others through the use of planned group experiences.

Special progression standards exist for occupational therapy assistant majors. Students begin with taking courses in the “pre-clinical” phase of the major. To progress to the “clinical” phase, students must meet specific criteria described in the program’s admissions handbook. These handbooks are available in the Program office, E300. Admission requirements can also be found on the program website. Achievement of the progression standards does not guarantee advancement to the clinical phase. Currently, approximately 20 students are admitted to the clinical phase of the program each semester (Fall I and Spring I).

The Occupational Therapy Assistant Program offers day, evening, and part-time options. All Occupational Therapy Assistant students must pursue fieldwork within 18 months of completing the respective academic theory course. The entire program must be completed in a timely fashion as content changes with current practice. After completion of the introductory occupational therapy course, all remaining occupational therapy courses, including fieldwork should be completed within four years.

Graduates are eligible to sit for the national certification exam for the occupational therapy assistant, administered by the National Board for Certification in Occupational Therapy (NBCOT). Credentialing requirements for New York State licensure include graduation from a program and passing the NBCOT examination. A felony conviction may affect a graduate’s ability to sit for the NBCOT certification examination or attain state licensure.

The Occupational Therapy Assistant Program is accredited by ACOTE, The Accreditation Council for Occupational Therapy Education of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, 4720 Montgomery Ln Ste 200 Bethesda, MD 20814-3449. AOTA’s telephone number

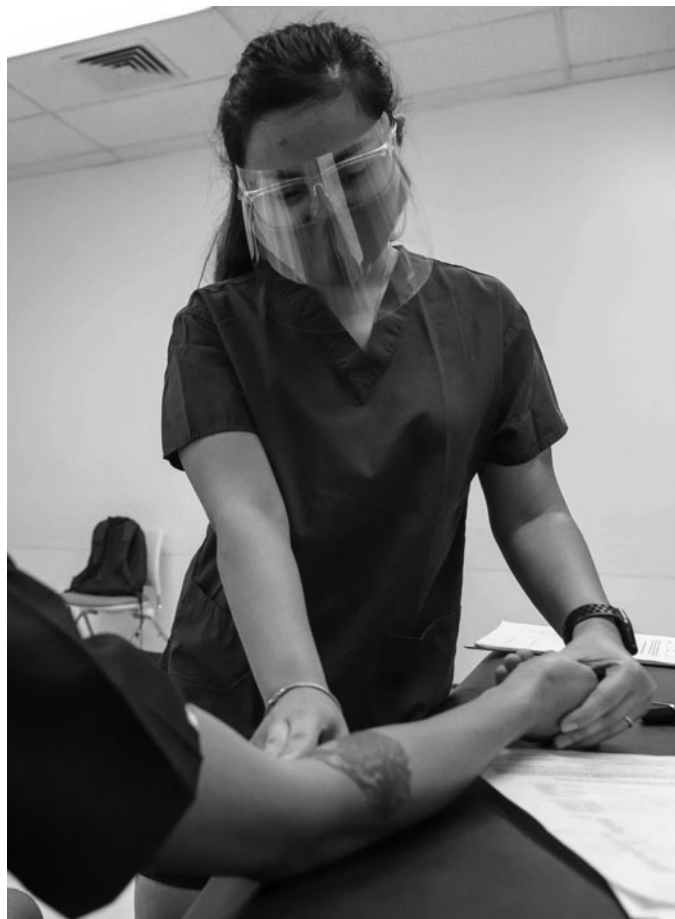


Photo: © LaGCC

Occupational Therapy Assistant: AAS Degree

PATHWAYS COMMON CORE: 26 CREDITS

This program has a waiver to list specific courses to complete Common Core requirements.

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I* (or ENA101 depending on placement)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following:</i>	3
MAT 115 College Algebra and Trigonometry*	
MAT117 Algebra and Trigonometry* (depending on placement)	
MAT119 Statistics with Elementary Algebra*	
MAT120 Elementary Statistics* (depending on placement)	

Life and Physical Sciences: 4 credits

SCB203 Human Anatomy and Physiology I (STEM)*	4
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B. FLEXIBLE CORE: 13 credits**

To complete the degree requirements from the Flexible Core, students are advised to select the following:

SCB204 Human Anatomy and Physiology II (STEM)	4
SSY101 General Psychology*	3
SSY230 Abnormal Psychology	3
SSY240 Developmental Psychology	3

***Additional Common Core courses will be required when transferring to a CUNY College.*

PROGRAM CORE: 37 CREDITS

Health Sciences: 2 credits

HSF090 First Year Seminar for Health Sciences	0
SCN195 Community Health	2

Occupational Therapy Assistant Core: 35 credits

SCO101 Introduction to Occupational Therapy	3
SCO110 Legal and Ethical Aspects of Occupational Therapy	2
SCO114 Documentation in Occupational Therapy	2
SCO175 Clinical Reasoning in Occupational Therapy	2
SCO200 Physical Aspects of Human Growth & Development	2
SCO204 Occupational Therapy Process: Psychosocial Dysfunction and Geriatric Conditions	4
SCO205 Occupational Therapy Process: Physical and Developmental Disabilities	4
SCO214 Occupational Therapy Skills and Functional Activities I	3
SCO215 Occupational Therapy Skills and Functional Activities II	3
SCO230 Functional Pathology	3
SCO284 Occupational Therapy Clerkship for Psychosocial/ Dysfunction and Geriatric Conditions	1.5
SCO285 Occupational Therapy Clerkship for Physical/ Developmental Disabilities	1.5
SCO294 Occupational Therapy Fieldwork in Psychosocial Dysfunction and Geriatric Conditions	2
SCO295 Occupational Therapy Fieldwork in Physical and Developmental Disabilities	2

**Key courses for candidacy*

TOTAL CREDITS:

63

PARALEGAL STUDIES

www.laguardia.edu/ParalegalStudies Program

Director: Professor Andrea Irias

airias@lagcc.cuny.edu

Students who complete the Paralegal Studies curriculum, which is administered by the Business and Technology Department, will receive the Associate in Applied Science (AAS) degree. The program, which is approved by the American Bar Association, has the following goals:

1. To give students the necessary substantive knowledge and practical skills to qualify them for entry-level positions as paralegals
2. To prepare students for successful transfer to a four-year college
3. To give students the foundation for lifelong career and personal growth

Paralegals, or legal assistants, assist lawyers in a wide range of activities. Lawyers remain responsible for paralegals' work (in general, paralegals may not themselves give legal advice, set fees or represent clients in court). In the litigation area, for example, paralegals may interview prospective clients, research the law, prepare court documents and assist at trials. Paralegals who work on corporate legal matters may prepare contracts, maintain records and

ensure that a corporation has complied with various statutes and government regulations. Paralegals who work on real estate matters may prepare mortgage agreements and other documents relating to real estate transactions and assist at closings.

While the major employers of paralegals are private law firms, there are also job opportunities with government agencies, including district attorneys' offices, and a variety of other employers. In addition, the curriculum may be highly suitable for students who contemplate pursuing other law-related careers, such as careers in law enforcement, or who seek a broad, practical knowledge of the law for its own sake.

The Paralegal Studies curriculum has been carefully designed to balance paralegal specialty and related courses with a broad liberal arts background. Students gain valuable practical experience through internships. Paralegal specialty courses are taught by experienced attorneys.



Photo: ©LaGCC

Paralegal Studies: AAS Degree

PATHWAYS COMMON CORE: 21 CREDITS

This program has a waiver to list specific courses to complete Common Core requirements.

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following:</i>	3
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT 119 Statistics with Elementary Algebra (depending on placement scores)	3
MAT120 Elementary Statistics	3

Life and Physical Science: 3 credits*

B. FLEXIBLE CORE: 9 credits

*Select three courses from the flexible core categories below.
Note: Only one course may be selected from a category and select courses from three different disciplines.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are required to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website

PARAMEDIC

Not accepting new students at this time.

PROGRAM CORE: 39 CREDITS

Business and Technology: 5 credits

BTF101 First Year Seminar for Business	2
BTM110 Business Law	3

Paralegal Studies: 30 credits

BTP101 Introduction to Paralegal Studies	3
BTP203 Family Law	3
BTP204 Legal Research and Writing (capstone)	3
BTP205 Civil Litigation	3
BTP209 Criminal Law and Procedure	3
BTP211 Computer Applications for Paralegals	3
BTP212 Immigration Law	3

Select three of the following:

BTP201 Administrative Law	3
BTP202 Wills, Trusts and Estates	3
BTP207 Real Estate Law for Paralegals	3
BTP208 The Law of Business Enterprise for Paralegals	3
BTP213 Bankruptcy Law	3

Experiential Learning: 3 credits

Select one of the following courses:

BTP206 Paralegal Internship	3
BTI202 Business Internship II	3

Unrestricted elective: 1 credit

* For a list of approved courses, go to: www.laguardia.edu/Pathways/

TOTAL CREDITS: 60

Paralegal Studies Certificate

Paralegal Studies: 18 credits

BTP101 Introduction to Paralegal Studies	3
BTP204 Legal Research and Writing	3
BTP205 Civil Litigation	3
BTP211 Computer Applications for Paralegals	3

Select two of the following courses:

BTP201 Administrative Law	3
BTP202 Wills, Trusts and Estates	3
BTP203 Family Law	3
BTP207 Real Estate Law for Paralegals	3
BTP208 The Law of Business Enterprises for Paralegals	3
BTP209 Criminal Law and Procedure	3
BTP212 Immigration Law	3
BTP213 Bankruptcy Law	3

TOTAL CREDITS: 18

This program is not eligible for Financial Aid.

PHILOSOPHY

www.laguardia.edu/Philosophy

Program Director: Dr. Cheri Carr

ccarr@lagcc.cuny.edu

The Philosophy Program, administered by the Humanities Department, leads to an Associate in Arts (AA) degree. Philosophy majors study the core areas of philosophy and acquire the critical thinking abilities that are essential for success in all careers and areas of life. Philosophy, which means in the Greek “love of wisdom,” expands horizons, develops the mind and acquaints students with the great literature and intellectual heritage fundamental to our culture and society. It is a discipline that seeks to answer life’s most important questions: Who am I? Am I free? What is real? What is true? What is my moral compass? Does God exist? How can I create a meaningful life? In addition to helping students excel in all areas of academic study, philosophy has also been called “the ultimate transferable work skill” because it helps students develop the abilities that employers in all fields value: how to think critically, reason effectively, communicate clearly, solve problems intelligently, make enlightened decisions and construct thoughtful, well-grounded beliefs. *The Times of London* writes of philosophy in America: “The great virtue of philosophy is that it teaches not only what to think, but more importantly how to think...The employability rate for philosophers is 98.9%, impressive by any standard.”

LaGuardia’s nationally recognized and respected program in Philosophy and Critical Thinking offers a wide variety of courses that will prepare students for successful transfer to 4-year institutions and provides a firm foundation from which graduates may launch accomplished careers in law, business, medicine, journalism, publishing, computer science, education, history psychology, and many other areas. This is especially the case for students who go on for graduate or professional degrees, whether in philosophy or another

field. In addition to taking courses, philosophy students at LaGuardia are encouraged to participate in extra-curricular opportunities such as the very energetic Philosophy Club that meets every week to discuss provocative issues, view and discuss films and take field trips. Students are also invited to submit articles to the LaGuardia philosophy journal, “The Gadfly.” The Philosophy Program is also actively involved in the Honors Program, which provides additional academic opportunities for qualifying students.

The Philosophy area provides a supportive and stimulating environment for its students, creating a community of thinkers dedicated to the pursuit of reflective understanding. The faculty work closely with philosophy majors as mentors to help them plan their curriculum, guide their career explorations, apply for scholarships, and transfer successfully to the right 4-year college. Many students take double majors when they transfer — one in philosophy and another in, say, psychology or English — with a view to careers as psychologists or creative writers. Philosophy easily combines in this way with work in many professional fields. The Philosophy Program’s curriculum has been developed in close consultation with Brooklyn College, and students may transfer there as juniors to the Philosophy Major. In addition, articulations with other branches of CUNY including Queens, Lehman, and Baruch ensure that all philosophy courses are fully transferable.



Photo: ©LaGCC

Philosophy: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I 3
(or ENA101 depending on placement)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one course from the following: 3
MAT107 Mathematics and the Modern World
MAT123 Modern Problem Solving (Depending on placement)
MAT115 College Algebra and Trigonometry
MAT117 Algebra and Trigonometry
(depending on placement)
MAT119 Statistics with Elementary Algebra
(depending on placement)
MAT120 Elementary Statistics

Life and Physical Sciences: 3 credits

Select one of the following courses: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCC102 Chemistry of Photography
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Liberal Arts: 3 credits

First Year Seminar for Liberal Arts Social Science and Humanities 3

Humanities: 3 credits

Select one of the following courses: 3
HUN190 Ethics and Society
HUN192 Art and Society
HUN195 Art in New York

Social Science: 3 credits

Select one of the following courses: 3
SSH103 Western Civilization from Ancient Times to the Renaissance
SSH104 Western Civilization from the Renaissance to Modern Times
SSH105 World History from Ancient Times to 1500
SSH106 World History from 1500 to the Present

Philosophy: 21 credits

HUP101 Introduction to Philosophy 3
HUP275 Landmarks in Philosophy 3

Select five of the following courses: 15
HUP102 Critical Thinking
HUP104 Ethics and Moral Issues
HUP105 Philosophy of Religion
HUP106 Social & Political Philosophy
HUP107 Philosophy of Art
HUP108 Environmental Ethics
HUP109 Philosophy of Law
HUP112 Logic and Philosophy
HUP114 Medical Ethics
HUP116 Latin American Philosophy
HUP117 Medieval and Renaissance Philosophy
HUP118 African Philosophy
HUP121 Eastern Philosophical Traditions
HUP122 Philosophy of Gender and Sex
HUP125 Introduction to Philosophy of Science
HUP215 Philosophy of Love
HUP221 Philosophy of Mind

TOTAL CREDITS:

60

PHYSICAL SCIENCES

www.laguardia.edu/majors

Program Director: Dr. John Toland
jtoland@lagcc.cuny.edu

Program Director: Dr. Christopher Farley
cfarley@lagcc.cuny.edu

The Physical Sciences Program, offered through the Natural Sciences Department, leads to an Associate of Science Degree (AS) through either the Chemistry or Physics Tracks. The Chemistry and Physics Tracks in the Physical Sciences program articulate with the Chemistry and Physics Bachelor's degree programs respectively at York College, CUNY. The course requirements for both tracks in the Physical Sciences major will satisfy most of the lower division requirements of most Chemistry and Physics Bachelor's degree, making the program transferable to four-year colleges both within and outside of CUNY.

The program gives students the solid scientific and mathematical foundation required for advanced coursework in the physical sciences. Both tracks require a year of calculus and one semester of both general chemistry and general physics. The Chemistry Track requires an additional semester of general chemistry and two semesters of organic chemistry. The Physics Track requires students to take an additional year of physics and semester of calculus. The laboratories in the physical science courses familiarize students with techniques and equipment commonly found in both chemistry and physics research laboratories such as titration, acid-base extraction, digital and analog sensor calibration, thin layer chromatography, aspirin synthesis, circuit design and use of multi-meters and oscilloscopes. The capstone course integrates the skills learned throughout the introductory course work and requires students to work on independent research projects with more advanced equipment such as light and mass spectrometers, scanning electron microscopes, lasers, and digital oscilloscopes. The capstone course prepares students to participate in guided research with a LaGuardia faculty member, a faculty member at the student's transfer college or to participate in an internal or external undergraduate summer research program.

The Physical Sciences program prepares students for transfer to numerous other academic programs besides those in chemistry and physics, including but not limited to physical oceanography, geology, forensic sciences, pharmacology, pharmacy, and many medical and engineering fields. The program's emphasis on student research and rigorous course work will enable students to transfer seamlessly to these four-year programs.

Physical Sciences: AS Degree

PATHWAYS COMMON CORE: 33 CREDITS

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I (or ENA101 depending on placement)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

MAT115 College Algebra and Trigonometry	3
MAT117 Algebra and Trigonometry (Depending on Placement)	3

Life & Physical Sciences: 4 credits

SCC201 General Chemistry I	4
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B. FLEXIBLE CORE: 20 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category. Note: Students can select only two courses from any one discipline.

World Cultures and Global Issues	Creative Expression
US Experience in its Diversity	Individual and Society

Scientific World –

MAT200 PreCalculus I	4
SCP231 General Physics I	4

Students are advised to select one Urban Study course to complete college requirement.

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed in the program handbook.

PROGRAM CORE: 27 CREDITS

First Year Seminar in Natural Sciences: 2 credits

NSF101 First Year Seminar	2
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CHEMISTRY TRACK

Math/Science: 22 credits

MAT201 Calculus I	4
MAT202 Calculus II	4
SCC202 General Chemistry II	4
SCC251 Organic Chemistry I	5
SCC252 Organic Chemistry II	5

PHYSICS TRACK

Math/Science: 23 credits

MAT201 Calculus I	4
MAT202 Calculus II	4
MAT203 Calculus III	4
SCP232 General Physics II	4
SCP233 Modern Physics	4
Unrestricted electives: 2 credits	

Capstone Course: 3 credits

SCP 211 Research Methods in Physical Sciences	3
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TOTAL CREDITS:

60

PHYSICAL THERAPIST ASSISTANT

www.laguardia.edu/pta

Program Director: Dr. Clarence Chan

cchan@lagcc.cuny.edu

The Physical Therapist Assistant Program, administered by the Health Sciences Department, leads to an Associate in Applied Science (AAS) degree and its graduates are eligible for certification by the New York State Education Department, Office of the Professions. The program is approved by the New York State Education Department and accredited by the Commission on Accreditation of Physical Therapy Education (CAPTE), 3030 Potomac Ave., Suite 100, Alexandria, VA 22305-3085, website: www.capteonline.org. Passing the National Certification Exam after graduation is required.

Graduates work under the supervision of a licensed physical therapist in a variety of settings including: outpatient practices, hospitals, nursing homes, rehabilitation centers, schools and sports centers. Physical Therapist Assistants carry out the plan of care established by the Physical Therapist, and work with patients who have neuromuscular, musculoskeletal, cardiopulmonary and integumentary impairments.

The interventions performed by the Physical Therapist Assistant include therapeutic exercise, aerobic conditioning, gait training, pain management, heat and cold treatment, massage, electrotherapy and muscle re-education. The program consists of classroom and laboratory courses at the College, as well as clinical affiliations in different physical therapy settings.

Special progression standards exist for physical therapist assistant majors. Students take courses in the “pre-clinical” phase of the major. To progress to the “technical” phase, specific criteria must be met as described in the program’s admissions handbook. The handbook is available from the Program Director in Room E300, the PTA program website, and from the Admissions Office. Achievement of the progression standards does not guarantee advancement to the technical phase of the program. Completion of 50 volunteer hours in physical therapy with a letter from the physical therapy supervisor is required prior to entering the technical phase.

Physical Therapist Assistant: AAS Degree

PATHWAYS COMMON CORE: 26 CREDITS

This program has a waiver to list specific courses to complete Common Core requirements.

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I*	3
(or ENA101 depending on placement)	
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following:</i>	3
MAT 115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry*	
<i>(depending on placement)</i>	
MAT120 Elementary Statistics	
MAT119 Statistics with Elementary Algebra*	
<i>(depending on placement)</i>	

Life and Physical Sciences: 4 credits

SCB203 Human Anatomy and Physiology I (STEM)*	4
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B. FLEXIBLE CORE: 13 credits**

To complete the degree requirements from the Flexible Core, students are advised to select the following:

SCB204 Human Anatomy and Physiology II	4
SSY101 General Psychology*	3
SSY240 Developmental Psychology	3

<i>Select one of the following courses:</i>	3
HUP102 Critical Thinking	
HUC106 Public Speaking	

** *Additional Common Core courses will be required when transferring to a CUNY College.*

PROGRAM CORE: 42 CREDITS

Health Science: 5 credits

HSF090 First Year Seminar for Health Sciences	0
SCN195 Community Health	2
SCO230 Functional Pathology	3

PTA Core: 37 credits

SCT101 Introduction to Physical Therapy	2
SCT102 Ethical and Legal Concepts for PT	2
SCT203 Clinical Kinesiology	4
SCT211 Therapeutic Procedures I	4
SCT212 Therapeutic Procedures II	3
SCT220 Mobility Skills in Physical Therapy	3
SCT221 Functional Gait Training Skills	3
SCT230 Orthopedic Therapeutic Exercise	4
SCT231 Neuromuscular Rehabilitation	4
SCT290 PTA Clinical Education and Seminar I	2
SCT291 PTA Clinical Education and Seminar II	3
SCT292 PTA Clinical Education and Seminar III	3

* *Key courses for candidacy*

TOTAL CREDITS: 68



Photo: ©LaGCC

PRACTICAL NURSING CERTIFICATE

www.laguardia.edu/practical-nursing-program/
Program Director: Professor Faith Armstrong
farmstrong@lagcc.cuny.edu

The Practical Nursing Program, coordinated by the Health Sciences Department, offers a certificate in Practical Nursing. Graduates will be eligible to sit for the National Council of State Boards Licensure Examination for Practical Nurse (NCLEX-PN).

This certificate program is approved by the NYS Education Department (www.op.nyed.gov) and divided into two phases, pre-clinical and clinical. The Program is a 48-credit, certificate-bearing program organized to be rigorous but supportive of adult learners from diverse cultural and literacy experiences. It provides students with the opportunity to complete the course of study in 10 months after completion of the pre-clinical phase. The program prepares men and women to function as practical nurses, performing tasks and responsibilities within the framework of case finding, health teaching, health counseling, and the provision of supportive and restorative care in health care facilities that offer chronic and acute care services within the scope of the Nursing Practice Act. The classroom instruction for each nursing course is complemented by campus laboratory experience and clinical practice in area health care facilities. Teaching-learning strategies employed to help ensure students' learning include ePortfolio, collaborative group activities, and writing intensive assignments. The curriculum is designed for students with a high school diploma or GED. Students must move through a prescribed curriculum and may not take courses out of sequence.

Students admitted into this program are considered to be in the phase, students must meet specific criteria. Admission to the clinical phase of the program is competitive due to the program's limited capacity; therefore students should strive for a high GPA in all required courses. Achievement of the progression standards does not guarantee advancement to the clinical phase.

Beginning the Fall 2009 semester all students applying for candidacy in the Nursing Program must provide documentation to show proof of residency in New York State.

Students in the clinical phase may be required to undergo a Criminal Background Check as part of placement at hospitals or other off-campus clinical training sites. In addition, the Office of the Professions of the New York State Education Department requires that a criminal background check be conducted prior to granting a license to practice nursing.

Completion of the recommended general education and clinical courses during the clinical phase of the Practical Nursing Certificate Program is comprised of two 12-week and one 6-week semester. The clinical experiences in area institutions which supplement classroom theory are provided in a variety of practice settings, including hospitals, nursing homes and community health care facilities.

PN to Nursing Pathway: Licensed practical nurses may be eligible for an advanced standing pathway, which may exempt them from the first year of required designated nursing courses. The Pathway requires PN licensure and successfully passing the NYS Coalition for Educational Mobility's Transition Course before applying for the 3-credit Bridge Course which begins the Pathway track into the final year of the Nursing Program leading to the AAS degree. Further information on Pathway articulation and admission is available in the Registered Nursing Student Handbook.

Notes:

- > Beginning in the fall 2009 semester all students applying for candidacy in the Nursing Program must provide documentation to show proof of residency in New York State. Students in the clinical phase may also be required to undergo a Criminal Background Check as part of placement at hospitals or other off campus clinical training sites. For full details on this requirement, see page 208.
- > No grade lower than "C-" will be accepted for any required Math and Science course. Science courses in which students earn a "C-," "D+," "D," or "D-" may be repeated with permission of the Chairperson of the Natural Sciences Department. When Key Courses with grades of "C-," "D+," "D," "D-," or "F" are repeated, both course grades will be calculated in the Key Course average.
- > All students must file for Candidacy in order to progress to the clinical phase. To be considered, students must register for Candidacy (4199) in either the Fall I or Spring I session immediately preceding the semester they plan to begin clinical courses.
- > Students will be dropped from the program for grades less than "C." In addition, a requirement for completion is satisfactory evaluation in each clinical area. Students must earn a passing grade on a comprehensive Nursing Exam and a grade of 100 on a final dosage calculation examination.

Practical Nursing Certificate Curriculum

Pre-Clinical Courses

ENG101 English Composition I*	3
SSY101 General Psychology*	3
MAT106 Mathematics of Medical Dosages*	2
SCB203 Human Anatomy & Physiology I	4
SCB204 Human Anatomy & Physiology II	4

Clinical Courses

SCL101 Fundamentals of Practical Nursing	6
SCL103 Concepts in Pharmacology & Nutrition	3
SCL105 Mental Health Nursing - PN	3
SCL114 Parent-Child Nursing - PN	6
SCL120 Transition to Practical Nursing	2
SCL119 Medical-Surgical Nursing - PN	9
SSY240 Developmental Psychology I	3

TOTAL CREDITS: 48

* Pre-clinical Key Courses



PSYCHOLOGY

www.laguardia.edu/psychology

Program Director: Dr. Lara Beaty

lbeaty@lagcc.cuny.edu

Program Coordinator: Dr. Lily Shohat

lilys@lagcc.cuny.edu

The Social Science Department administers the Psychology Program, which leads to an Associate in Arts (AA) degree. Students selecting this degree will be prepared to transfer into psychology programs at four-year institutions with a solid foundation in the discipline. In particular, York College will accept all the credits of our AA degree towards their Bachelor of Arts (BA) degree program in psychology. Students who receive their AA in psychology will be exposed to an extraordinarily diverse field. The Program has full time faculty members specializing in many diverse fields, among them, clinical, developmental, social and experimental psychology; they teach, advise and mentor the students majoring in psychology.

Psychology is a science that is deeply rooted in both basic and applied research; it also has many clinical and educational applications. From delivering mental health care to individuals, to providing consultation to various communities and organizations, psychology as a discipline revolves around understanding mechanisms that shape behavior and mental processes. This understanding can be used towards improving human relations. Psychology students develop valuable skills ranging from collecting, analyzing, and interpreting data, to working with statistics and experimental designs. Psychology offers rigorous training in the scientific method,

exposure to thorough, objective research, the analysis of data, and the reporting of findings with clarity that prepares psychology majors for future careers. These skills can be used in a wide variety of work settings, from human services to business, criminal justice, health and recreation. The study of psychology, with its emphasis on evidence-based critical thinking, helps one become a better student of other subjects. The additional insight gained from psychology courses and a required internship helps students in general, whether they are functioning as parents at home, managers on the job, or professionals in other fields, to understand their own motivation and behavior in a more comprehensive way.

Studying psychology will help develop people skills (communicating with and relating to individuals from diverse backgrounds), analytical skills (for example, figuring out why a certain problem occurs and how to minimize or eliminate it), writing skills (for example, writing a logically developed report), and research skills (for example, using statistics, tables, and graphs to analyze problems and communicate relevant findings). Many of these skills are aspects of LaGuardia Community College's core competencies and studying psychology will enhance students' proficiencies in these areas.



Photo: ©LaGCC

Psychology: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I 3
(or ENA101 depending on placement)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses: 3
MAT107 Mathematics and the Modern World
MAT123 Modern Problem Solving (Depending on placement)
MAT115 College Algebra and Trigonometry
MAT117 Algebra and Trigonometry
(depending on placement)
MAT119 Statistics with Elementary Algebra
(depending on placement)
MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

Select one of the following courses: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience* (This course is
recommended as the best preparation for psychology majors.)
SCC101 Topics in Chemistry
SCC102 Chemistry of Photography
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 credits

Select one course from each of the five flexible core categories
AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to
complete college requirement. To complete the degree
requirements from the Flexible Core, students are advised to
select courses from the recommended course selections listed
on the program website. Note: Student can select only two
courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Psychology: 21 credits

SYF101 First-Year Seminar for Psychology 3
SSY101 General Psychology 3
SSY240 Developmental Psychology I 3
SSY230 Abnormal Psychology 3
SSY250 Social Psychology 3

Select one course from the following: 3
SSY200 Personality
SSY205 Psychology of Gender
SSY241 Developmental Psychology II

Select one course from the following: 3
SSN184 Environmental Psychology
SSN280 Urban Black Psychology

Social Science: 6 credits

Select one course from the following: 3
SSA101 Cultural Anthropology
SSS100 Introduction to Sociology

Select one course from the following: 3
SSH101 Themes in American History to 1865
SSH102 Themes in American History since 1865
SSH103 Western Civilization from Ancient Times
to the Renaissance
SSH104 Western Civilization from the Renaissance
to Modern Times
SSH105 World History from Ancient Times to 1500
SSH106 World History from 1500 to the Present
SSH110 East Asia Civilization and Societies
SSH231 Afro-American History
SSH232 Survey of Latin American and Caribbean History

Select one course from the following: 3
SSY203 Experiential Learning in Psychology
Unrestricted Elective

TOTAL CREDITS:

60

PUBLIC AND COMMUNITY HEALTH

www.laguardia.edu/Public-Community-Health/

Program Director, Dr. Justin Brown
 jbrown@lagcc.cuny.edu

The Public & Community Health (PCH) program offered through the Health Sciences Department leads to an Associate of Science Degree. This program was developed with the vision of providing a degree program for students who have in an interest in a career in Public or Community Health settings. The PCH program is designed for seamless progression into the upper division baccalaureate programs at CUNY and elsewhere in Community Health Education, Health Administration, Health Science or Public Health.

Public and Community Health: AS Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (or ENA101 depending on placement)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT123 Modern Problem Solving (Depending on placement)	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement)	
MAT119 Statistics with Elementary Algebra (depending on placement)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCC102 Chemistry of Photography	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 credits

18

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
 US Experience in its Diversity
 Creative Expression
 Individual and Society
 Scientific World

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

Students are advised to select SSY101 Psychology from the Scientific World Core. This course is a pre-requisite for SCN195 Community Health. Students are also encouraged to take SSS100 Introduction to Sociology (Individual and Society).

PROGRAM CORE: 30 CREDITS

Health Sciences

HSF090 First Year Seminar for Health Sciences	0
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Select one of the following courses: 3

SCH150 Drugs, Society and Human Behavior	
SCH210 Human Sexuality	
SCD200 Introductory Nutrition	

Community Health: 12 credits

SCH160 Health and Wellness	3
SCN194 HIV/AIDS, Science & Society	3
SCN195 Community Health	2
SCN196 Community Health Research	1
SCH285 Health and Diversity	3

Public Health: 12 credits

SCH205 History/Principles of Public Health	3
SCH215 Social Determinants	3
SCH225 Health Behavior Change	3
SCH235 Epidemiology	3

Unrestricted electives: 3 credits

3

TOTAL CREDITS:

60

RADIOLOGIC TECHNOLOGY

www.laguardia.edu/rt

Program Director: Professor Theresa Licari
tlicari@lagcc.cuny.edu

The Radiologic Technology Program is coordinated by the Health Sciences Department, and provides students with the educational and clinical training leading to an Associate in Applied Science (AAS) degree. The program has been approved by the New York State Department of Education.

The Radiologic Technology program prepares students to enter the workforce as entry-level radiographers. Upon successful completion of state license/certification, graduates will be able to work in a variety of health care settings. Hospitals, nursing homes, outpatient radiography centers and research facilities are just a few examples where radiographers are employed.

Students applying to the Radiologic Technology major are admitted to the pre-clinical phase of the program. To progress to the clinical phase of the program, students must apply for candidacy.

New York State Department of Health requires a valid social security number (SSN) to obtain a license.

Candidacy Requirements:

- > Complete four key courses (ENG101, SCB203, MAT115, and SSN187)
- > Minimum GPA in key courses 2.50
- > No grade lower than a C will be accepted for science courses (SCB203/SCB204).

Students who are accepted for candidacy and advised by the Radiologic Technology program director will progress to the clinical phase of the program. Students who are not accepted for candidacy will not be eligible to register for courses in the clinical phase of the Radiologic Technology program.

For further information please view advisement video on website laguardia.edu/RT/ or come to room C252.

*** The Prerequisite for SSN187 is waived for students in the Radiologic Technology program.

Radiologic Technology: AAS Degree

PATHWAYS COMMON CORE: 20 CREDITS

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I*	3
(or ENA101 depending on placement)	
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

MAT115 College Algebra and Trigonometry	3
MAT117 Algebra and Trigonometry (depending on placement)	

Life and Physical Sciences: 4 credits

SCB203 Human Anatomy and Physiology I	4
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B. FLEXIBLE CORE: 7 credits**

To complete the degree requirements, students are advised to select the following:

Scientific World

SCB204 Human Anatomy and Physiology II	4
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U.S. Experience in its Diversity

SSN187 Urban Sociology***	3
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*** Additional Common Core courses will be required when transferring to a CUNY College.*

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

PROGRAM CORE: 47 CREDITS

Health Science

HSF090 First Year Seminar for Health Sciences	0
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Radiologic Technology

SCX101 Radiologic Technology I	3
SCX102 Radiologic Technology II	3
SCX105 Radiologic Procedures I /w Lab	4
SCX106 Radiologic Procedures II /w Lab	4
SCX109 Clinical I	2
SCX110 Principles of Radiologic Exposure I	3
SCX111 Principles of Radiologic Exposure II	3
SCX119 Clinical II	2
SCX129 Clinical III	2
SCX201 Radiologic Technology III	3
SCX205 Radiologic Technology Procedures III with Lab	4
SCX209 Clinical IV	2
SCX219 Clinical V	2
SCX229 Clinical VI	2
SCX240 Cross Sectional Anatomy	1
SCX245 Pathology and Fracture Radiography	2
SCX250 Imaging Modalities I	3
SCX260 Film Evaluation and Critique	2

**Pre-clinical course*

TOTAL CREDITS: 67

SPANISH-ENGLISH TRANSLATION

www.laguardia.edu/Academics/Majors/Spanish-English-Translation

Program Director: Dr. Ana Maria Hernandez

hernandezan@lagcc.cuny.edu

The Spanish-English Translation major, housed in the Department of Education and Language Acquisition, is fully articulated with Hunter College. Students can earn an Associate of Arts (AA) degree from LaGuardia Community College and continue working toward a Bachelor of Arts (BA) degree in Spanish-English and English-Spanish Translation at Hunter College. This program is designed to allow LaGuardia students to earn 60 credits in core academic foundations which meet all lower division requirements for candidates for the Spanish Major's concentration in Spanish-English/English-Spanish Translation and Interpretation at Hunter College. Students are encouraged to complete the BA degree since it opens many career opportunities in translation and interpretation in the court system, hospitals, state and municipal agencies, corporations and nonprofit organizations.

Students entering the Spanish-English Translation Program will not receive credit for prior knowledge of Spanish.

Spanish-English Translation: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I 3
(or ENA101 depending on placement)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses: 3
MAT107 Mathematics and the Modern World
MAT123 Modern Problem Solving (Depending on placement)
MAT115 College Algebra and Trigonometry
MAT117 Algebra and Trigonometry
(depending on placement)
MAT119 Statistics with Elementary Algebra
(depending on placement)
MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

Select one of the following courses: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCC102 Chemistry of Photography
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 credits

18

Select one course from each of the five flexible core categories and one additional course from any flexible core category.

To complete the degree requirements for the Flexible Core, students are advised to select courses from the recommended course selections listed in the program handbook.

World Cultures and Global Issues
U.S. Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

PROGRAM CORE: 30 CREDITS

LIF101 First Year Seminar for Liberal Arts:
Social Science and Humanities 3

Humanities: 3 credits

HUC106 Public Speaking 3

Social Science: 3 credits

Select one of the following courses: 3
SSA101 Cultural Anthropology
SSA120 People & Cultures of the Caribbean
SSP101 US Policies & Power

Education & Language Acquisition: 21 credits

ELS200 Latin American Literature I 3
ELS209 Spanish Grammar and Usage 3
ELS204 Latin American Civilizations 3
ELS210 Advanced Spanish Composition 3
ELL101 Introduction to Language 3
ENG/ELL110 English Grammar and Syntax 3

Select one of the following courses: 3

ELN101 Introduction to Bilingualism
ELN194 The Puerto Rican Community Minority Group Experience

TOTAL CREDITS: 60

THEATER PROGRAM

www.laguardia.edu/theater

Program Director: Dr. Stefanie Sertich

ssertich@lagcc.cuny.edu

The Theater Program, offered through the Humanities Department, leads to an Associate of Science (AS) degree and provides students with skills and knowledge necessary to pursue a wide spectrum of careers in the theater and entertainment industry.

Students develop performance-based skills through a combination of classroom training and theater experience. Participation in productions — classic and modern plays, musicals, developmental readings, and student productions — will be a part of every students' program.

Students also gain a foundation in academic theater. Studies include the ability to analyze, critically assess and write about theater through rigorous courses in theatre history, dramatic analysis and the contemporary New York theater scene.

This balanced approach to the AS in Theater degree provides students with a strong foundation in which to pursue a career in performance or production (acting, directing, design, stage managing, producing) or a scholarly career (critic, dramaturge, historian, teacher, playwright). Students transferring to a senior college will have the option of pursuing a Bachelor of Arts, Bachelor of Science, or a Bachelor of Fine Arts degree.

Through internships with New York City based theater organizations, students gain vital knowledge and hands-on experience in the production and creation of theatre. Additionally, through a partnership with the LaGuardia Performing Arts Center (LPAC), students have the opportunity to observe and work with top theatre and entertainment professionals in the creation of new works.

Theater Program: AS Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I 3
(or ENA101 depending on placement)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses: 3
MAT107 Mathematics and the Modern World
MAT123 - Modern Problem Solving
(depending on placement)
MAT115 College Algebra and Trigonometry
MAT117 Algebra and Trigonometry
(depending on placement)
MAT119 Statistics with Elementary Algebra
(depending on placement)
MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

Select one of the following courses: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCC102 Chemistry of Photography
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

HAF090 First Year Seminar for Theater and Photography

Theater Required: 24 credits

HUT101 Art of Theatre 3
HUT110 Acting I 3
HUT111 Acting II 3
HUT115 Script Analysis 3
HUT122 Introduction to Design for the Theatre 3
HUT210 Theatre: Pre-history to Renaissance 3
HUT250 Voice and Movement for the Stage 3
HUT299 Experiential Learning in Theatre 3

Theater Electives: 6 credits

Select two of the following courses 6
HUT175 Directing for the Stage
HUT195 Theatre Production Workshop
HUM201 American Musical Theatre Workshop 1
HUM202 American Musical Theatre Workshop 2
HUT220 Contemporary Latina/o Theatre
HUT230 Acting III: Auditioning

TOTAL CREDITS: 60

THERAPEUTIC RECREATION

www.laguardia.edu/therapeutic-recreation

Program Director: Dr. Tameka Battle

tbattle@lagcc.cuny.edu

The Therapeutic Recreation Program, coordinated by the Health Sciences Department, offers a course of study that leads to an Associate of Science (AS) degree. The Therapeutic Recreation program will also allow students to continue their studies in the program at Lehman College where they will complete a Bachelor in Science degree in Therapeutic Recreation or Recreation Education.

Therapeutic Recreation, also known as Recreation Therapy, is an occupation that utilizes recreation and other activity-based interventions (techniques/programs) to address the assessed needs of individuals with illnesses and/or disabling conditions, as a means to psychological and physical health, recovery and well-being.

LaGuardia's Therapeutic Recreation Program curricula is designed to equip students with the necessary skills and competencies required to function efficiently as Recreation Therapists, Recreation Leaders/Assistants in the field of Therapeutic Recreation. The TR program is a non-candidacy program that may attract students who wish to pursue a career in the Allied Health field without the candidacy requirements of other Health Sciences programs. Students must have a minimum GPA of a 2.5 and have earned a grade of at least a C (75) in all required program courses AND all College-Level Course Pre-requisites at LaGuardia Community College in order to be considered for transfer.

Therapeutic Recreation (TR) is one of the fastest growing health-related professions. According to the U.S. Bureau of Labor Statistics, employment in recreation therapy positions is projected to grow faster than the average, with a more focused increase in the care needs of the aging population.

An increase in opportunities is also expected with school-aged children with disabilities.

** After graduation, students would be able to obtain employment in titles such as Recreation Assistants or Recreation Leaders*

The TR program includes successful completion of a 60 hour supervised clinical internship that prepares students for careers working with individuals with developmental, mental, and physical disabilities in various healthcare settings, such as hospitals, nursing homes, correctional facilities, wilderness programs, community centers, schools, assisted living facilities and senior centers.

Therapeutic Recreation AS Degree

PATHWAYS COMMON CORE: 32 CREDITS

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I (or ENA101 depending on placement)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

MAT119 Statistics with Elementary Algebra (depending on placement)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 4 credits

SCB203 Human Anatomy & Physiology	4
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B. FLEXIBLE CORE: 19 Credits

19

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Note: To complete the degree requirements from the flexible core, students are required to take SCB204 (Scientific World) and SSY240 (Individual and Society).

PROGRAM CORE: 28 CREDITS

Health Sciences

HSF090 First Year Seminar for Health Sciences	0
SCN195 Community Health	2

Humanities

HUP102 Critical Thinking	3
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Social Science

SSY101 General Psychology	3
SSY230 Abnormal Psychology	3
SSY241 Developmental Psychology II	3

Therapeutic Recreation

HTR100 Introduction to Recreation & Leisure	3
HTR101 Introduction to Therapeutic Recreation	3
HTR102 Professional Issues in Therapeutic Recreation	3
HTR200 Therapeutic Recreation in Long Term Care	3
HTR201 Therapeutic Recreation Clinical Fieldwork	2

TOTAL CREDITS:

60

VETERINARY TECHNOLOGY

www.laguardia.edu/VeterinaryTech

Program Director: Dr. Tara Scales

tscales@lagcc.cuny.edu

The Veterinary Technology Program provides for both classroom and clinical training in the areas of small and large animal care and laboratory animal science. It is coordinated by the Health Sciences Department and leads to an Associate in Applied Science (AAS) degree. The program meets requirements set forth by the New York State Department of Education, is accredited by the American Veterinary Medical Association and will prepare the graduate for the licensing exam to be a Veterinary Technician.

Veterinary Technicians work under the supervision of a veterinarian in a wide variety of tasks. These include such services as: collection of specimens and performance of tests on blood and urine; preparation of animal patients and equipment for surgery; routine nursing of medical and surgical patients; exposure and development of radiographs; supervision of subordinate hospital personnel; and routine business management procedures.

Special progression standards exist for veterinary technology majors. Students admitted into this program since Fall 1999 are considered to be in the “pre-clinical” phase of the major. To progress to the “clinical” phase, students must meet specific criteria which are described in the Veterinary Technology Student Handbook. This handbook is available online at: laguardia.edu/uploadfiles/-main_site/context/academics-docs/vet-tech-hand-handbook.pdf. Achievement of the progression standards does not guarantee advancement to the clinical phase. Only a small number of students are admitted to the clinical phase due to program capacity. Students admitted to the clinical phase will be required to assist in care and handling of the program’s animals as part of course requirements.

Please check with the Vet Tech Office for the latest information on specific health requirements for admission to the clinical phase of the program.

Veterinary Technology: AAS Degree

PATHWAYS COMMON CORE: 19 CREDITS

A. REQUIRED CORE: 10 credits

English: 6 credits

ENG101 English Composition I*	3
(or ENA101 depending on placement)	
ENG102 Writing through Literature	3

Life and Physical Sciences: 4 credits

SCC110 Foundations of Chemistry (STEM)*	4
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B. FLEXIBLE CORE: 9 credits**

To complete the degree requirements, students are advised to select the following:

Scientific World: 3 credits

Students are required to take SCB208 as it is the prerequisite for SCB209.

Students are advised to select 6 additional credits from the following categories. 1 course must fulfill the urban studies requirement.

World Cultures and Global Issues
US Experience in it's Diversity
Creative Expression
Individual and Society

*** Additional Common Core courses will be required when transferring to a CUNY College.*

PROGRAM CORE: 46 CREDITS

Health Sciences

HSF090 First Year Seminar for Health Sciences	0
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Mathematics

MAT106 Medical Math Dosages*	2
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Natural Science

SCB209 Vertebrate Anatomy and Physiology II	3
SCB260 General Microbiology	4

Veterinary Technology

SCV101 Introduction to Veterinary Technology	3
SCV151 Shelter Medicine and Management	2
SCV201 Research Animal Technology	4
SCV210 Veterinary Nursing I	4
SCV211 Veterinary Nursing II	4
SCV212 Veterinary Radiography	3
SCV213 Veterinary Laboratory Techniques	3
SCV214 Farm Animal Nursing	3
SCV220 Principles of Exotic Animal Medical Care	2
SCV231 Vet Tech Internship I	2
SCV234 Vet Tech Internship II	2
SCV247 Veterinary Pathophysiology	2
SCV262 Pharmacology & Toxicology	3

**Key courses for candidacy*

TOTAL CREDITS:

65
