

### Career/Program Description

The criminal justice program prepares students for employment with municipal, county, state, and federal law enforcement agencies. This program has both a career and a transfer component.

### Career/Program Information

The program provides students with the skills necessary for comprehending the sociological, psychological, and economic causes of crime; helps students to demonstrate an understanding of the Constitution of the United States and a respect for the rights of all citizens; and helps students to apply logic and critical thinking skills to resolving problems of the criminal justice practitioner.

### Career Opportunities

- Law enforcement officer at the municipal, county, and state levels
- Correctional officer
- Investigator within the county, state, and federal governments
- Probation aide

### Contact Person

Professor Gene Evans, Coordinator  
 (856) 227-7200, Ext. 4623  
 E-mail: gevens@camdencc.edu

# Criminal Justice

Degree: **Associate in Science**

College Code: **CRJ.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
CRJ-101	Administration of Justice	3
CRJ-103	Legal Systems	3
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
SOC-101	Introduction to Sociology	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Semester</b>		
CRJ-104	Juvenile Delinquency	3
CRJ-105	Criminal Law	3
CRJ-106	Contemporary Corrections	3
ENG-102	English Composition II	3
POL-101	Introduction to Political Science <b>or</b>	
POL-103	American Federal Government	3
PSY-101	Basic Psychology	3
		<b>18</b>
<b>Second Year/First Semester</b>		
POL-111	Public Administration	3
CRJ-211	Introduction to Loss Prevention	3
SPE-101	Fundamentals of Speech	3
CRJ-203	Principles of Investigation	3
MTH.....	Mathematics Elective	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
POL-112	Public Personnel Administration	3
PHL-131	Morality & Personal Values <b>or</b>	
ENG.....	Literature Elective	3
CRJ.....	Criminal Justice Elective	3
.....	Social Science Elective	3
.....	Math/Science Elective <b>or</b>	
.....	Computer Information Systems Elective	3/4
		<b>15/16</b>

### Highlight

Students are able to transfer to various colleges offering degrees in criminal justice.

### Career/Program Information

This program is essentially the first two years of a baccalaureate degree in elementary and secondary education. The curriculum is specific in order to facilitate transfer of Camden County College credits. The curriculum is based on New Jersey State Teacher Certification requirements and teacher transferability to education programs in the region.

### Career/Program Opportunities

Although the intent of this program is to transfer to a four-year school of education, students who have earned their associate's degree would qualify for the following positions:

- Group teacher
- Substitute teacher
- Teacher's aid

### Contact Person

Dr. Jane Weber, Coordinator  
 (856) 227-7200, Ext. 4766  
 E-mail: jweber@camdencc.edu

# Elementary/Secondary Education

Degree: **Associate in Science**

College Code: **EDU.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
PSY-101	Basic Psychology	3
SPE-102	Public Speaking	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
		<b>15/16</b>

<b>Second Semester</b>		
ENG-102	English Composition II	3
HIS-121	United States History I <b>or</b>	
HIS-122	United States History II	3
PSY-105	Child Psychology	3
ART-101	Art Appreciation <b>or</b>	
ART-111	Art History <b>or</b>	
MUS-101	Music Appreciation I <b>or</b>	
THE-121	Introduction to Theatre	3
HPE-102	Health and Wellness	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
		<b>18/19</b>

<b>Second Year/First Semester</b>		
SOC-101	Introduction to Sociology <sup>3</sup>	3
GEO-101	Cultural Geography	3
.....	Laboratory Science Elective	4
.....	Elective <sup>2</sup>	3
.....	Elective <sup>2</sup>	3
		<b>16</b>

<b>Second Semester</b>		
EDU-101	Trends in American Education	3
PSY-103	Educational Psychology	3
ENG-121	Introduction to Literature <b>or</b>	
ENG-281	American Literature I <sup>4</sup> <b>or</b>	
ENG-282	American Literature II <sup>4</sup> <b>or</b>	
ENG-271	World Literature I <b>or</b>	
ENG-272	World Literature II	3
.....	Elective <sup>2</sup>	3
.....	Elective <sup>2</sup> <b>or</b>	
.....	Science Elective <sup>2</sup>	3/4
		<b>15/16</b>

<sup>1</sup>Intermediate Algebra may not transfer.

<sup>2</sup>The electives are chosen from those courses which articulate to the student's transfer institution's education program. Students are strongly recommended to check with their curriculum advisor.

<sup>3</sup>A student who intends to choose the History coordinate at Rowan University should enroll in Macroeconomics or Introduction to Political Science in lieu of Introduction to Sociology.

<sup>4</sup>A student who intends to choose the History coordinate at Rowan University OR the Education majors at Rutgers University should enroll in World Literature in lieu of either Introduction to Literature or American Literature.

## Career/Program Description

Engineering uses the physical sciences to design and develop products and systems. It uses problem-solving techniques to find solutions to technical problems and other complex issues facing society.

## Career/Programming Information

The program combines general education courses with math and science courses to establish a foundation for further study of engineering; recommends articulation with four-year colleges of engineering; and establishes and maintains credibility with businesses specializing in design/development engineering.

## Special Admission Requirements

Students entering this program should have had above average achievement in high school science and mathematics and should have taken one year of high school physics, chemistry, and English.

To begin this program, students must have had three years of academic mathematics.

## Career Opportunities

- Design engineer
- Insurance adjuster
- Maintenance engineer
- Maintenance supervisor
- Research and development assistant

## Contact Persons

Professor Larry Chatman, Coordinator  
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E-mail: lchatman@camdencc.edu  
Professor Melvin Roberts, Ext. 4526  
E-mail: mroberts@camdencc.edu

**Recommendations**

Camden County College has specific articulation agreements with the engineering science programs at several colleges and universities in the area. The program successfully transfers to most engineering colleges throughout the country.

# Engineering Science

Degree: **Associate in Science**

College Code: **EGR.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
CAD-101	Computer Aided Engineering Graphics	4
CHM-111	Chemistry I - Science	4
MTH-140	Calculus I	4
PHY-201	Physics III	4
		<b>19</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
CHM-112	Chemistry II - Science	4
CSC-121	Structured Programming (C++)	4
MTH-150	Calculus II	4
PHY-202	Physics IV	4
		<b>19</b>
<b>Second Year/First Semester</b>		
MTH-145	Linear Algebra	4
MTH-210	Calculus III	4
EGR-201	Statics <sup>1</sup> <b>or</b>	
.....	Humanities Elective	3
.....	Social Science Elective <sup>2</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>15</b>
<b>Second Semester</b>		
MTH-220	Differential Equations	4
EGR-211	Engineering Circuit Analysis	3
EGR-202	Dynamics <sup>1</sup> <b>or</b>	
.....	Social Science Elective	3
.....	Humanities Elective	3
.....	Health & Exercise Science Elective	1
		<b>14</b>

<sup>1</sup>Students planning to major in Chemical Engineering should take Organic Chemistry I & II in lieu of Statics and Dynamics.

<sup>2</sup>Microeconomics (ECO-102) is recommended.

### Career/Program Description

Human services encompass a wide spectrum of community work designed to help people. Human services include such formal systems as mental health organizations, developmental disability services, substance abuse programs, and multi-service centers.

### Career/Program Information

The program provides: on site supervision as well as academic coordination between the agencies and the college; awareness of accountability to the educational, societal, and environmental changes that could improve the delivery of human services; methods of evaluating the needs of clients and communities to establish guidelines and experiences which will enhance the personal and professional growth of students; general education courses and appropriate specialized skills courses that prepare graduates for entry-level positions in both public and private institutions, agencies, and programs; and job experience through field work courses.

### Career Opportunities

- Childcare
- Community work
- Early childhood
- Gerontology
- Mental health
- Social service

### Contact Person

Professor Habiba Soudan  
 (856) 227-7200, Ext. 4532  
 E-mail: [hsoudan@camdencc.edu](mailto:hsoudan@camdencc.edu)

# Human Services

Degree: **Associate in Science**

College Code: **HSR.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
SOC-101	Introduction to Sociology	3
PSY-101	Basic Psychology	3
HSR-104	Contemporary Issues in Social Welfare	3
ENG-101	English Composition I	3
POL.....	Political Science Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Semester</b>		
HSR-103	Introduction to Counseling	3
HSR-101	Introduction to Human Services	3
ENG-102	English Composition II	3
.....	Literature, Philosophy and the Arts Elective	3
PSY.....	Psychology Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Year/First Semester</b>		
HSR-105	Group Dynamics	3
SOC-102	Social Problems	3
HSR-102	Social Work Processes	3
.....	Science Elective	3/4
MTH.....	Mathematics Elective	3
HIS.....	History Elective	3
		<b>18/19</b>
<b>Second Semester</b>		
PSY-102	Psychology of Personality Adjustment	3
SOC-201	Sociology of the Family	3
HSR-107	Field Work I	3
.....	General Education Elective	3/4
.....	General Education Elective	3/4
		<b>16/17</b>

### Recommendations

The course transfers to baccalaureate programs in human services or other related social service fields.

# HUMAN SERVICES

## *Early Childhood Option*

Degree: **Associate in Science**  
College Code: **ECH.AS**

### Career/Program Description

Students graduating from the Early Childhood program are prepared to work in various childcare settings. Private and public childcare facilities must meet state requirements for teacher ratio and experience. This program emphasizes meeting career opportunities that address the developmental needs of young children from birth to the eighth year of life.

### Career/Program Opportunities

Positions in nurseries and childcare centers:

- Group teacher
- Substitute teacher
- Teacher assistant

### Contact Person

Professor Habiba Soudan  
(856) 227-7200, Ext. 4532  
E-mail: [hsoudan@camdencc.edu](mailto:hsoudan@camdencc.edu)

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
HSR-133	Curriculum - Early Childhood Education	3
PSY-101	Basic Psychology	3
HSR-135	Art Concepts/Preschool Child	3
POL.....	Political Science Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
HSR-101	Introduction to Human Services	3
ENG-102	English Composition II	3
HSR-132	Children's Health	3
HSR-140	Child Development - Preschool Child	3
HIS.....	History Elective	3
.....	General Education Elective	3
		<b>18</b>
<b>Second Year/First Semester</b>		
HSR-138	Food and Nutrition for the Pre-school Child	3
HSR-137	Language Arts for the Pre-school Child	3
SOC-101	Introduction to Sociology	3
BIO.....	Biology Elective	3/4
.....	Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Semester</b>		
HSR-136	Social Studies & Science Concepts for Pre-School Child	3
HSR-134	Quantitative Concepts for the Pre-school Child	3
HSR-107	Field Work I	3
MTH.....	Mathematics Elective	3
.....	Elective	3
		<b>15</b>

### Recommendations

Students interested in NJ State Teacher Certification for Elementary School should not take this program. This program does not transfer to Rowan University.

## Career/Program Description

Graduates are prepared to enter a four-year program for careers in a variety of clinical and medical laboratories, academic research settings, the biotechnology industry, and diverse commercial laboratories.

## Career/Program Information

- The program qualifies graduates to transfer to various baccalaureate degree programs in the clinical laboratory sciences. It enables graduates to perform various laboratory tasks with skill and accuracy.
- The Associate in Science degree, together with an additional two-year program in cytology, cytogenetics, or medical technology, qualifies students to sit for the national certification examination.

## Special Program Requirements

Students entering this program should have had high school biology, chemistry, and two years of college preparatory mathematics.

## Career Opportunities

This program prepares students for transfer to baccalaureate programs in the following:

- **Cytotechnology:** Cytotechnologists screen human cell samples under the microscope, looking for early signs of cancer and other diseases.
- **Cytogenetics:** Cytogeneticists prepare, study, identify, and interpret normal and abnormal chromosomes.
- **Medical Technology:** Medical technologists perform analytical and diagnostic tests on various body fluids.
- **Biotechnology:** Biotechnologists apply biologic and engineering principles to develop solutions to problems in health care and the manufacturing of pharmaceuticals.

## Contact Person

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 E-mail: pchappell@camdencc.edu

# Laboratory Technology

Degree: **Associate In Science**

College Code: **LBT.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
BIO-111	Biology I - Science	4
CHM-111	Chemistry I - Science	4
ENG-101	English Composition I	3
MTH.....	Mathematics Elective	3/4
.....	Humanities Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>18/19</b>
<b>Second Semester</b>		
BIO-112	Biology II - Science	4
CHM-112	Chemistry II - Science	4
ENG-102	English Composition II	3
MTH.....	Mathematics Elective <b>or</b>	
.....	Laboratory Science Elective	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>15/16</b>
<b>Second Year/First Semester</b>		
BIO-211	Anatomy & Physiology I	4
CHM-221	Organic Chemistry I	4
PSY-101	Basic Psychology	3
ASC-210	Histology & Cytology	3
		<b>14</b>
<b>Second Semester</b>		
BIO-212	Anatomy & Physiology II	4
BIO-221	Microbiology I	4
.....	Humanities Elective	3
.....	Social Science Elective	3
.....	General Education Elective	3/4
		<b>17/18</b>

## Recommendations

Students should select electives based on transfer institution requirements.

Graduates have transferred to such institutions as Thomas Jefferson University.

## Career/Program Description

The program consists of the study of foreign languages and cultures; history; literature, philosophy, and the arts; mathematics and natural sciences; and social sciences. The program is based on a Core-Concentration-Selective principle. Students are recommended to complete their first-year core courses before pursuing elective courses.

## Career/Program Information

The program enables students to understand the following: the social aspect of mankind, i.e., his behavior, culture, and political and social institutions; the aesthetic experiences of mankind through the arts, literature, and philosophy; the historical process, i.e., changes in world civilization through time and the interaction of political, social, and economic institutions; and the concepts underlying the natural sciences.

## Special Program Information

The Liberal Arts and Science curriculum is designed primarily for transfer. In order to maximize transferability of course selections, students are strongly encouraged to seek advisement prior to selection of their concentration. Concentrations are listed below.

- History
- Language and Culture
- Literature, Philosophy, and the Arts
- Math/Science
- Social Science

Please refer to the following pages for information on the concentrations.

## Contact Person

Dr. Sebastian Vasta, Coordinator  
(856) 227-7200, Ext. 4528  
E-mail: svasta@camdencc.edu

## Liberal Arts Requirements

<sup>1</sup>MTH-110 (Intermediate Algebra) does not transfer.

<sup>2</sup>Must take 6 credits in one language.

<sup>3</sup>Social Science Electives (6 credits)

PSY-101	Basic Psychology	3
SOC-101	Introduction to Sociology	3
ANT-101	General Anthropology	3
POL-101	Introduction to Political Science	3
POL-103	American Government	3
ECO-101	Macroeconomics	3

<sup>4</sup>Literature, Philosophy, & the Arts Elective (3/6 credits)

ENG-121	Introduction to Literature	3
ENG-271	World Literature I	3
ENG-272	World Literature II	3
PHL-121	Logic and Reasoning	3
PHL-101	Intro to Philosophy	3
ART-101	Art Appreciation I	3
MUS-101	Music Appreciation I	3
MUS-102	Music Appreciation II	3
THE-121	Introduction to Theatre	3

<sup>5</sup>Laboratory Science Electives (4 credits)

BIO-111	Biology I - Science	4
BIO-112	Biology II - Science	4
PHY-101	Physics I	4
CHM-101	General Chemistry I	4
CHM-111	Chemistry I - Science	4
CHM-140	Chemistry and Society	4

<sup>6</sup>Computer Information System Elective (if selecting)

CSC-101	Computer Literacy	3
CSC-111	Intro to Computer Program.-Basic	3

<sup>7</sup>Select from one of the following Concentrations:  
History Concentration; Literature, Philosophy and the Arts Concentration; Math/Science Concentration; Social Science Concentration; Language and Culture Concentration (see following pages).

# Liberal Arts and Science

Degree: **Associate in Arts**

College Code: **LAS.AA**

Code	Course	Credits
<b>First Year /First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
.....	Social Science Elective <sup>3</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Literature, Philosophy, and the Arts Elective <sup>4</sup>	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
.....	Social Science Elective <sup>3</sup>	3
		<b>18/19</b>
<b>Second Year/First Semester</b>		
SPE-102	Public Speaking	3
.....	Laboratory Science Elective <sup>5</sup>	4
.....	Computer Information Systems Elective <sup>6</sup> <b>or</b>	
.....	Literature, Philosophy, and the Arts Elective <sup>4</sup> <b>or</b>	
.....	Language Elective	3
.....	Concentration <sup>7</sup>	3
.....	Elective	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>
<b>Second Semester</b>		
.....	Concentration <sup>7</sup>	3
.....	Concentration <sup>7</sup>	3
.....	Elective	3/4
.....	Elective	3/4
.....	Elective	3/4
		<b>15/18</b>

## Career/Program Description

Concentrations provide depth of understanding of a particular area of knowledge. Students may explore a History Concentration in preparation for transfer to a variety of majors including History and Political Science.

## Career/Program Information

The Liberal Arts and Science Curriculum is Camden County College's largest and most successful transfer curriculum. The requirements among broad knowledge areas provide a breadth of understanding expected of individuals in the new millennium. Adding to its appeal is the concentration opportunities available in a number of knowledge areas. Although not specifically arranged as a discipline major, the concentrations offer students a wide range of choice in pursuing an area of knowledge in depth.

## Special Program Information

As soon as possible, students are recommended to access curriculum requirements of possible transfer institutions. For students aspiring to major in disciplines related to the concentration area, their specific choices from the list of courses under each concentration should mirror as closely as possible required courses in the first two years of the major at the desired four-year college or university.

## Contact Person

Dr. Theodore Barthold  
(856) 227-7200, Ext. 4431  
E-mail: tbarthold@camdencc.edu

## Liberal Arts Requirements

<sup>1</sup> MTH-110 (Intermediate Algebra) does not transfer.

<sup>2</sup> Must take 6 credits in one language.

<sup>3</sup> Social Science Electives (6 credits)

PSY-101	Basic Psychology	3
SOC-101	Introduction to Sociology	3
ANT-101	General Anthropology	3
POL-101	Introduction to Political Science	3
POL-103	American Government	3
ECO-101	Macroeconomics	3

<sup>4</sup> Literature, Philosophy, & the Arts Elective (3/6 credits)

ENG-121	Introduction to Literature	3
ENG-271	World Literature I	3
ENG-272	World Literature II	3
PHL-121	Logic and Reasoning	3
PHL-101	Intro to Philosophy	3
ART-101	Art Appreciation I	3
MUS-101	Music Appreciation I	3
MUS-102	Music Appreciation II	3
THE-121	Introduction to Theatre	3

<sup>5</sup> Laboratory Science Electives (4 credits)

BIO-111	Biology I - Science	4
BIO-112	Biology II - Science	4
PHY-101	Physics I	4
CHM-101	General Chemistry I	4
CHM-111	Chemistry I - Science	4
CHM-140	Chemistry and Society	4

<sup>6</sup> Computer Information System Elective (if selecting)

CSC-101	Computer Literacy	3
CSC-111	Intro to Computer Program.-Basic	3

<sup>7</sup> Please refer to History Elective category included in the Electives Listing

# LIBERAL ARTS AND SCIENCE

## History Concentration

Degree: **Associate in Arts**

College Code: **HIS.AA**

Code	Course	Credits
<b>First Year /First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
.....	Social Science Elective <sup>3</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Literature, Philosophy, and the Arts Elective <sup>4</sup>	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
.....	Social Science Elective <sup>3</sup>	3
		<b>18/19</b>
<b>Second Year/First Semester</b>		
SPE-102	Public Speaking	3
.....	Laboratory Science Elective <sup>5</sup>	4
.....	Computer Information Systems Elective <sup>6</sup> <b>or</b>	
.....	Literature, Philosophy, and the Arts Elective <sup>4</sup> <b>or</b>	
.....	Language Elective	3
HIS.....	History Concentration <sup>7</sup>	3
.....	Elective	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>
<b>Second Semester</b>		
HIS.....	History Concentration <sup>7</sup>	3
HIS.....	History Concentration <sup>7</sup>	3
.....	Elective	3/4
.....	Elective	3/4
.....	Elective	3/4
		<b>15/18</b>

## Career/Program Description

Concentrations provide depth of understanding of a particular area of knowledge. Students may explore a Language and Culture Concentration in preparation for transfer to a variety of majors including Foreign Language student and International Relations.

## Career/Program Information

The Liberal Arts and Science Curriculum is Camden County College's largest and most successful transfer curriculum. The requirements among broad knowledge areas provide a breadth of understanding expected of individuals in the new millennium. Adding to its appeal is the concentration opportunities available in a number of knowledge areas. Although not specifically arranged as a discipline major, the concentrations offer students a wide range of choice in pursuing an area of knowledge in depth.

## Special Program Information

As soon as possible, students are recommended to access curriculum requirements of possible transfer institutions. For students aspiring to major in disciplines related to the concentration area, their specific choices from the list of courses under each concentration should mirror as closely as possible required courses in the first two years of the major at the desired four-year college or university.

## Contact Person

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# LIBERAL ARTS AND SCIENCE

## *Language and Culture Concentration*

Degree: **Associate in Arts**

College Code: **LNG.AA**

### Liberal Arts Requirements

<sup>1</sup> MTH-110 (Intermediate Algebra) does not transfer.

<sup>2</sup> Must take 6 credits in one language.

<sup>3</sup> Social Science Electives (6 credits)

PSY-101	Basic Psychology	3
SOC-101	Introduction to Sociology	3
ANT-101	General Anthropology	3
POL-101	Introduction to Political Science	3
POL-103	American Government	3
ECO-101	Macroeconomics	3

<sup>4</sup> Literature, Philosophy, & the Arts Elective (3/6 credits)

ENG-121	Introduction to Literature	3
ENG-271	World Literature I	3
ENG-272	World Literature II	3
PHL-121	Logic and Reasoning	3
PHL-101	Intro to Philosophy	3
ART-101	Art Appreciation I	3
MUS-101	Music Appreciation I	3
MUS-102	Music Appreciation II	3
THE-121	Introduction to Theatre	3

<sup>5</sup> Laboratory Science Electives (4 credits)

BIO-111	Biology I - Science	4
BIO-112	Biology II - Science	4
PHY-101	Physics I	4
CHM-101	General Chemistry I	4
CHM-111	Chemistry I - Science	4
CHM-140	Chemistry and Society	4

<sup>6</sup> Computer Information System Elective (if selecting)

CSC-101	Computer Literacy	3
CSC-111	Intro to Computer Program.-Basic	3

<sup>7</sup> Please refer to Language Elective category included in the Electives Listing

Code	Course	Credits
<b>First Year /First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
.....	Social Science Elective <sup>3</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Literature, Philosophy, and the Arts Elective <sup>4</sup>	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
.....	Social Science Elective <sup>3</sup>	3
		<b>18/19</b>
<b>Second Year/First Semester</b>		
SPE-102	Public Speaking	3
.....	Laboratory Science Elective <sup>5</sup>	4
.....	Computer Information Systems Elective <sup>6</sup> <b>or</b>	
.....	Literature, Philosophy, and the Arts Elective <sup>4</sup> <b>or</b>	
.....	Language Elective	3
.....	Language & Culture Concentration <sup>7</sup>	3
.....	Elective	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>
<b>Second Semester</b>		
.....	Language & Culture Concentration <sup>7</sup>	3
.....	Language & Culture Concentration <sup>7</sup>	3
.....	Elective	3/4
.....	Elective	3/4
.....	Elective	3/4
		<b>15/18</b>

## Career/Program Description

Concentrations provide depth of understanding of a particular area of knowledge. Students may explore a Literature, Philosophy and the Arts Concentration in preparation for transfer to a variety of majors including English, Philosophy, Art or Music.

## Career/Program Information

The Liberal Arts and Science Curriculum is Camden County College's largest and most successful transfer curriculum. The requirements among broad knowledge areas provide a breadth of understanding expected of individuals in the new millennium. Adding to its appeal is the concentration opportunities available in a number of knowledge areas. Although not specifically arranged as a discipline major, the concentrations offer students a wide range of choice in pursuing an area of knowledge in depth.

## Special Program Information

As soon as possible, students are recommended to access curriculum requirements of possible transfer institutions. For students aspiring to major in disciplines related to the concentration area, their specific choices from the list of courses under each concentration should mirror as closely as possible required courses in the first two years of the major at the desired four-year college or university.

## Contact Person

Dr. Sebastian Vasta, Coordinator  
(856) 227-7200, Ext. 4528  
E-mail: svasta@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## *Literature, Philosophy and the Arts Concentration*

Degree: **Associate in Arts**

College Code: **LPA.AA**

### Liberal Arts Requirements

<sup>1</sup> MTH-110 (Intermediate Algebra) does not transfer.

<sup>2</sup> Must take 6 credits in one language.

<sup>3</sup> Social Science Electives (6 credits)

PSY-101	Basic Psychology	3
SOC-101	Introduction to Sociology	3
ANT-101	General Anthropology	3
POL-101	Introduction to Political Science	3
POL-103	American Government	3
ECO-101	Macroeconomics	3

<sup>4</sup> Literature, Philosophy, & the Arts Elective (3/6 credits)

ENG-121	Introduction to Literature	3
ENG-271	World Literature I	3
ENG-272	World Literature II	3
PHL-121	Logic and Reasoning	3
PHL-101	Intro to Philosophy	3
ART-101	Art Appreciation I	3
MUS-101	Music Appreciation I	3
MUS-102	Music Appreciation II	3
THE-121	Introduction to Theatre	3

<sup>5</sup> Laboratory Science Electives (4 credits)

BIO-111	Biology I - Science	4
BIO-112	Biology II - Science	4
PHY-101	Physics I	4
CHM-101	General Chemistry I	4
CHM-111	Chemistry I - Science	4
CHM-140	Chemistry and Society	4

<sup>6</sup> Computer Information System Elective (if selecting)

CSC-101	Computer Literacy	3
CSC-111	Intro to Computer Program.-Basic	3

<sup>7</sup> Please refer to Literature, Philosophy, and the Arts Elective category included in the Electives Listing

Code	Course	Credits
<b>First Year /First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
.....	Social Science Elective <sup>3</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Literature, Philosophy, and the Arts Elective <sup>4</sup>	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
.....	Social Science Elective <sup>3</sup>	3
		<b>18/19</b>
<b>Second Year/First Semester</b>		
SPE-102	Public Speaking	3
.....	Laboratory Science Elective <sup>5</sup>	4
.....	Computer Information Systems Elective <sup>6</sup> <b>or</b>	
.....	Literature, Philosophy, and the Arts Elective <sup>4</sup> <b>or</b>	
.....	Language Elective	3
.....	Literature, Philosophy, and the Arts Concentration <sup>7</sup>	3
.....	Elective	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>
<b>Second Semester</b>		
.....	Literature, Philosophy, and the Arts Concentration <sup>7</sup>	3
.....	Literature, Philosophy, and the Arts Concentration <sup>7</sup>	3
.....	Elective	3/4
.....	Elective	3/4
.....	Elective	3/4
		<b>15/18</b>

## Career/Program Description

Concentrations provide depth of understanding of a particular area of knowledge. Students may explore a Math/Science Concentration in preparation for transfer to a variety of majors including Mathematics, Biology, Chemistry, and Physics.

## Career/Program Information

The Liberal Arts and Science Curriculum is Camden County College's largest and most successful transfer curriculum. The requirements among broad knowledge areas provide a breadth of understanding expected of individuals in the new millennium. Adding to its appeal is the concentration opportunities available in a number of knowledge areas. Although not specifically arranged as a discipline major, the concentrations offer students a wide range of choice in pursuing an area of knowledge in depth.

## Special Program Information

As soon as possible, students are recommended to access curriculum requirements of possible transfer institutions. For students aspiring to major in disciplines related to the concentration area, their specific choices from the list of courses under each concentration should mirror as closely as possible required courses in the first two years of the major at the desired four-year college or university.

## Contact Person

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(856) 227-7200, Ext. 4528  
E-mail: svasta@camdencc.edu

## Liberal Arts Requirements

<sup>1</sup> MTH-110 (Intermediate Algebra) does not transfer.

<sup>2</sup> Must take 6 credits in one language.

<sup>3</sup> Social Science Electives (6 credits)

PSY-101	Basic Psychology	3
SOC-101	Introduction to Sociology	3
ANT-101	General Anthropology	3
POL-101	Introduction to Political Science	3
POL-103	American Government	3
ECO-101	Macroeconomics	3

<sup>4</sup> Literature, Philosophy, & the Arts Elective (3/6 credits)

ENG-121	Introduction to Literature	3
ENG-271	World Literature I	3
ENG-272	World Literature II	3
PHL-121	Logic and Reasoning	3
PHL-101	Intro to Philosophy	3
ART-101	Art Appreciation I	3
MUS-101	Music Appreciation I	3
MUS-102	Music Appreciation II	3
THE-121	Introduction to Theatre	3

<sup>5</sup> Laboratory Science Electives (4 credits)

BIO-111	Biology I - Science	4
BIO-112	Biology II - Science	4
PHY-101	Physics I	4
CHM-101	General Chemistry I	4
CHM-111	Chemistry I - Science	4
CHM-140	Chemistry and Society	4

<sup>6</sup> Computer Information System Elective (if selecting)

CSC-101	Computer Literacy	3
CSC-111	Intro to Computer Program.-Basic	3

<sup>7</sup> Please refer to Math/Science Elective category included in the Electives Listing

# LIBERAL ARTS AND SCIENCE

## *Math/Science Concentration*

Degree: **Associate in Arts**

College Code: **MNS.AA**

Code	Course	Credits
<b>First Year /First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
.....	Social Science Elective <sup>3</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Literature, Philosophy, and the Arts Elective <sup>4</sup>	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
.....	Social Science Elective <sup>3</sup>	3
		<b>18/19</b>
<b>Second Year/First Semester</b>		
SPE-102	Public Speaking	3
.....	Laboratory Science Elective <sup>5</sup>	4
.....	Computer Information Systems Elective <sup>6</sup> <b>or</b>	
.....	Literature, Philosophy and the Arts Elective <sup>4</sup> <b>or</b>	
.....	Language Elective	3
.....	Math/Science Concentration <sup>7</sup>	3
.....	Elective	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>
<b>Second Semester</b>		
.....	Math/Science Concentration <sup>7</sup>	3
.....	Math/Science Concentration <sup>7</sup>	3
.....	Elective	3/4
.....	Elective	3/4
.....	Elective	3/4
		<b>15/18</b>

## Career/Program Description

Concentrations provide depth of understanding of a particular area of knowledge. Students may explore a Social Science Concentration in preparation for transfer to a variety of majors including Psychology, Sociology, Anthropology, and Economics.

## Career/Program Information

The Liberal Arts and Science Curriculum is Camden County College's largest and most successful transfer curriculum. The requirements among broad knowledge areas provide a breadth of understanding expected of individuals in the new millennium. Adding to its appeal is the concentration opportunities available in a number of knowledge areas. Although not specifically arranged as a discipline major, the concentrations offer students a wide range of choice in pursuing an area of knowledge in depth.

## Special Program Information

As soon as possible, students are recommended to access curriculum requirements of possible transfer institutions. For students aspiring to major in disciplines related to the concentration area, their specific choices from the list of courses under each concentration should mirror as closely as possible required courses in the first two years of the major at the desired four-year college or university.

## Contact Person

Dr. Sebastian Vasta, Coordinator  
(856) 227-7200, Ext. 4528  
E-mail: svasta@camdencc.edu

## Liberal Arts Requirements

<sup>1</sup> MTH-110 (Intermediate Algebra) does not transfer.

<sup>2</sup> Must take 6 credits in one language.

<sup>3</sup> Social Science Electives (6 credits)

PSY-101	Basic Psychology	3
SOC-101	Introduction to Sociology	3
ANT-101	General Anthropology	3
POL-101	Introduction to Political Science	3
POL-103	American Government	3
ECO-101	Macroeconomics	3

<sup>4</sup> Literature, Philosophy, & the Arts Elective (3/6 credits)

ENG-121	Introduction to Literature	3
ENG-271	World Literature I	3
ENG-272	World Literature II	3
PHL-121	Logic and Reasoning	3
PHL-101	Intro to Philosophy	3
ART-101	Art Appreciation I	3
MUS-101	Music Appreciation I	3
MUS-102	Music Appreciation II	3
THE-121	Introduction to Theatre	3

<sup>5</sup> Laboratory Science Electives (4 credits)

BIO-111	Biology I - Science	4
BIO-112	Biology II - Science	4
PHY-101	Physics I	4
CHM-101	General Chemistry I	4
CHM-111	Chemistry I - Science	4
CHM-140	Chemistry and Society	4

<sup>6</sup> Computer Information System Elective (if selecting)

CSC-101	Computer Literacy	3
CSC-111	Intro to Computer Program.-Basic	3

<sup>7</sup> Please refer to Social Science Elective category included in the Electives Listing

# LIBERAL ARTS AND SCIENCE

## Social Science Concentration

Degree: **Associate in Arts**

College Code: **SOC.AA**

Code	Course	Credits
<b>First Year /First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
.....	Social Science Elective <sup>3</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Literature, Philosophy, and the Arts Elective <sup>4</sup>	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
.....	Social Science Elective <sup>3</sup>	3
		<b>18/19</b>
<b>Second Year/First Semester</b>		
SPE-102	Public Speaking	3
.....	Laboratory Science Elective <sup>5</sup>	4
.....	Computer Information Systems Elective <sup>6</sup> <b>or</b>	
.....	Literature, Philosophy, and the Arts Elective <sup>4</sup> <b>or</b>	
.....	Language Elective	3
.....	Social Science Concentration <sup>7</sup>	3
.....	Elective	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>
<b>Second Semester</b>		
.....	Social Science Concentration <sup>7</sup>	3
.....	Social Science Concentration <sup>7</sup>	3
.....	Elective	3/4
.....	Elective	3/4
.....	Elective	3/4
		<b>15/18</b>

### Career/Program Description

This program is designed to teach the technology, theory, and process of communication. Students participate in internships at local media operations and businesses.

### Career/Program Information

The program enables students to understand the media's obvious and subtle effects on the individual and society and prepares students to understand the importance of mass communication.

### Career Opportunities

- Advertising
- Editing
- Newspaper journalism
- Radio/television: writing and broadcasting

### Contact Person

Professor Drew Jacobs  
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 E-mail: djacobs@camdencc.edu

# LIBERAL ARTS AND SCIENCE *Communications Option*

Degree: **Associate in Arts**

College Code: **COM.AA**

<sup>1</sup> Must take 6 credits in one language

<sup>2</sup> Computer Science (CSC) should be selected for the Computer Information Systems elective.

<sup>3</sup> Communications Electives  
 COM-141 Broadcasting I  
 COM-142 Broadcasting II  
 ENG-221 Creative Writing  
 ENG-211 Advanced Composition  
 ENG-241 Technical Writing  
 THE-131 Voice and Diction  
 THE-232 Oral Interpretation  
 COM-104 Introduction to Public Relations  
 COM-112 Communication Skills  
 SPE-211 Interpersonal Communication  
 SPE-212 Small Group Communication

**Highlights**  
 Students participate in internships at local radio stations, television stations, and newspapers.

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
MTH.....	Mathematics Elective	3/4
.....	Language Elective <sup>1</sup>	3
.....	Social Science Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>18/17</b>

<b>Second Semester</b>		
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Literature, Philosophy, and the Arts Elective	3
MTH.....	Mathematics Elective	3/4
.....	Language Elective <sup>1</sup>	3
.....	Social Science Elective	3
		<b>18/19</b>

<b>Second Year/First Semester</b>		
COM-101	Influence of Mass Media	3
SPE-102	Public Speaking	3
COM-102	Theory of Communication	3
.....	Literature, Philosophy, and the Arts Elective <b>or</b>	
.....	Language Elective	3
.....	Laboratory Science Elective	4
		<b>16</b>

<b>Second Semester</b>		
COM-103	Introduction to Journalism	3
COM-111	Semantics	3
.....	Computer Information Systems Elective <sup>2</sup>	3
.....	Communications Elective <sup>3</sup>	3
.....	Elective	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>

### Career/Program Description

This program prepares students for careers in journalism. In addition to offering a general liberal arts and sciences curriculum, the program examines various media and discusses specific techniques used in combining writing and journalism.

### Career/Program Information

Graduates will be able to apply their writing and photography methods to the print media.

### Career Opportunities

- Magazine photography
- Newspaper photography
- Public relations photography and writing

### Contact Person

Professor Drew Jacobs  
 (856) 227-7200, Ext. 4217  
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# LIBERAL ARTS AND SCIENCE

## Communications Option: Photo-Journalism Track

Degree: **Associate in Arts**

College Code: **PHJ.AA**

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b> World Civilization I	3
PHO-101	Photography I	3
MTH.....	Mathematics Elective	3/4
.....	Language Elective <sup>1</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b> Western Civilization III <b>or</b> World Civilization II <b>or</b> World Civilization III	3
.....	Literature, Philosophy, and the Arts Elective	3
MTH.....	Mathematics Elective	3/4
.....	Language Elective <sup>1</sup>	3
.....	Social Science Elective	3
		<b>18/19</b>
<b>Second Year/First Semester</b>		
COM-101	Influence of Mass Media	3
COM-103	Introduction to Journalism	3
.....	Literature, Philosophy, and the Arts Elective	3
.....	Computer Information Systems Elective <sup>2</sup>	3
.....	Laboratory Science Elective	4
HPE.....	Health & Exercise Science Elective	1
		<b>17</b>
<b>Second Semester</b>		
ART-160	Design I: Two Dimensional	3
SPE-102	Public Speaking	3
PHO-225	Photo Journalism	3
.....	Social Science Elective	3
.....	Elective	3/4
		<b>15/16</b>

### Highlights

- Students participate in internships at local media operations and businesses.
- Students transfer to four-year institutions offering programs in photo-journalism.

<sup>1</sup> Must take 6 credits in one language

<sup>2</sup> Computer Science (CSC) should be selected for the Computer Information Systems Elective

### Career/Program Description

This program is designed especially for those students who wish to specialize early or who are already employed in a related occupation.

### Career/Program Information

The program enables students to understand the media's obvious and subtle effects on the individual and society; prepares students to understand the importance of public relations and advertising; and enables students to understand the management of relationships between an organization and its public.

### Career Opportunities

- Advertising
- Private business (employee, media, government, community, and consumer relations)
- Public institutions
- Public relations agencies (independent public relations consultants, nonprofit organizations, and trade associations)

### Contact Person

Professor Drew Jacobs  
 (856) 227-7200, Ext. 4217  
 E-mail: djacobs@camdencc.edu

# LIBERAL ARTS AND SCIENCE: *Communications Option: Public Relations/Advertising Track*

Degree: **Associate in Arts**

College Code: **PRA.AA**

- <sup>1</sup> Must take 6 credits in one language
- <sup>2</sup> Computer Science (CSC) should be selected for the Computer Information Systems Elective
- <sup>3</sup> Communications Option-Public Relations Electives:
- ART-160 Design I: Two Dimensional
  - COM-102 Theory of Communications
  - COM-111 Semantics
  - ENG-221 Creative Writing
  - PHO-225 Photo Journalism
  - SPE-211 Interpersonal Communications
  - SPE-212 Small Group Communication
  - THE-131 Voice and Diction

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
MTH.....	Mathematics Elective	3/4
.....	Language Elective <sup>1</sup>	3
.....	Social Science Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>

<b>Second Semester</b>		
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Literature, Philosophy, and the Arts Elective	3
MTH.....	Mathematics Elective	3/4
.....	Language Elective <sup>1</sup>	3
.....	Social Science Elective	3
		<b>18/19</b>

<b>Second Year/First Semester</b>		
COM-101	Influence of Mass Media	3
COM-104	Introduction to Public Relations	3
.....	Literature, Philosophy and the Arts Elective	3
.....	Computer Information Systems Elective <sup>2</sup>	3
.....	Laboratory Science Elective	4
		<b>16</b>

<b>Second Semester</b>		
ART-162	Advertising Layout I	3
MKT-123	Introduction to Promotion	3
COM-103	Introduction to Journalism	3
SPE-102	Public Speaking	3
.....	Elective <sup>3</sup>	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>

### Highlights

- Students participate in internships at local media operations and businesses.
- Students transfer to four-year institutions.

### Career/Program Description

This career-oriented program can transfer to baccalaureate programs in computer-related fields. It uses state-of-the-art hardware and software.

### Career/Program Information

The program: prepares graduates for intermediate-level employment in the graphics industry; provides the most advanced equipment available; and enables students to demonstrate knowledge of the changing industry standard and technical development in computer graphics.

### Career Opportunities

- Computer animation
- Computer graphics
- Electronic publishing
- Multimedia

### Contact Person

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 E-mail: powens@camdenc.edu

# LIBERAL ARTS AND SCIENCE

## Computer Graphics Option

Degree: **Associate in Arts**

College Code: **CGR.AA**

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
.....	Language Elective <sup>1</sup>	3
.....	Elective <sup>2</sup>	3
.....	Elective <sup>3</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
CGR-111	Computer Graphic Design I	3
.....	Language Elective <sup>1</sup>	3
.....	Social Science Elective	3
MTH.....	Mathematics Elective	3/4
		<b>18/19</b>
<b>Second Year/First Semester</b>		
CGR-241	Computer Animation I	3
CGR-121	Multimedia Technology I	3
MTH.....	Mathematics Elective	3/4
.....	Social Science Elective	3
.....	Literature, Philosophy, and the Arts Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
CGR-231	Video Imaging Technology I	3
CGR-242	Computer Animation II	3
.....	Literature, Philosophy, and the Arts Elective	3
.....	Laboratory Science Elective	4
.....	Studio Elective	3
		<b>16</b>

### Highlights

There are cooperative education opportunities with local employers. This course transfers to baccalaureate programs in computer-related fields.

<sup>1</sup> Must take 6 credits in one language

<sup>2</sup> Recommended Course: Design I: Two Dimensional (ART-160)

<sup>3</sup> Recommended Course: Basic Drawing (ART-121)

### Career/Program Description

Designed to provide graduates with techniques in graphics and electronic publishing layout skills, the program focuses on the use of application software and hardware. State-of-the-art micro-based laboratories are available to all course students.

### Career/Program Information

The program: prepares graduates for entry-level positions in the electronic publishing business; and acquaints students with equipment commonly found in graphic design companies.

### Career Opportunities

- Advertising agencies
- Computer graphics
- Electronic publishing
- Newspapers

### Contact Person

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# LIBERAL ARTS AND SCIENCE

## Computer Graphics Option: Electronic Publishing Track

Degree: **Associate in Arts**

College Code: **ELP.AA**

<b>Code</b>	<b>Course</b>	<b>Credits</b>
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
.....	Language Elective <sup>1</sup>	3
.....	Elective <sup>2</sup>	3
.....	Elective <sup>3</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Semester</b>		
CGR-101	Electronic Layout & Design	3
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Language Elective <sup>1</sup>	3
.....	Social Science Elective	3
MTH.....	Mathematics Elective	3/4
		<b>18/19</b>
<b>Second Year/First Semester</b>		
CGR-102	Electronic Publishing & Prepress	3
CGR-111	Computer Graphic Design	3
MTH.....	Mathematics Elective	3/4
.....	Literature, Philosophy, and the Arts Elective	3
.....	Social Science Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
CGR-231	Video Imaging Technology	3
CGR-121	Multimedia Technology	3
.....	Literature, Philosophy, and the Arts Elective	3
.....	Laboratory Science Elective	4
.....	Studio Elective	3
		<b>16</b>

<sup>1</sup> Must take 6 credits in one language

<sup>2</sup> Recommended Course: Design I: Two Dimensional (ART-160)

<sup>3</sup> Recommended Course: Basic Drawing (ART-121)

### Career/Program Description

This program is a transfer curriculum that awards the associate in arts degree. The program is designed as the first two years of a typical computer science degree at a baccalaureate institution.

### Career/Program Information

This program: provides articulation with computer science programs in colleges of liberal arts and sciences; provides a study of mathematics, computer theory, and programming; and equips students with a strong liberal arts background.

### Career Opportunities

Computer Science professionals work in a variety of environments in academia, research, industry, government, and private and business organizations in such areas as:

- artificial intelligence
- computer architecture
- computer design
- computer programming
- computer theory
- operating systems and networks

### Contact Persons

Professor Rosemary Boiano, Coordinator  
 (856) 227-7200, Ext. 4481  
 E-mail: rboiano@camdencc.edu  
 Professor William Taylor, Ext. 4425  
 E-mail: wtaylor@camdencc.edu  
 Professor Anita Wright, Ext. 4760  
 E-mail: awright@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## Computer Science Option: Math/Science Track

Degree: **Associate in Arts**

College Code: **MSC.AA**

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
CSC-121	Structured Programming (C++)	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Social Science Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
CSC-122	Computer Science I (C++)	4
MTH-129	Discrete Mathematics	4
.....	Social Science Elective	3
		<b>17</b>
<b>Second Year/First Semester</b>		
PHY-101	Physics I <b>or</b>	
PHY-201	Physics III	4
CSC-223	Computer Science II (C++)	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
.....	Literature, Philosophy, and the Arts Elective	3
		<b>16/17</b>
<b>Second Semester</b>		
PHY-102	Physics II <b>or</b>	
PHY-202	Physics IV	4
CSC-240	Computer Organization	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>14/15</b>

<sup>1</sup> Mathematics Electives (Choose 3 providing prerequisites are met)  
 MTH-111 - Elements of Statistics I, MTH-125 - College Algebra and Trigonometry  
 MTH-145 - Linear Algebra, MTH-140 - Calculus I, MTH-150 - Calculus II  
 MTH-210 - Calculus III

<sup>2</sup> Must take 6 credits in one language

### Career/Program Description

The program teaches students to discover movement as a means of expression and development of ideas. It offers techniques of body control, rhythm, and movement.

### Career/Program Information

The program focuses on artistic, creative, technical, and theoretical training, and emphasizes the students' realization of their creative and performance potential.

### Special Program Requirement

Dance majors will be asked to audition.

### Career Opportunities

- Choreographer
- Dance therapist
- Director of dance company
- Performer
- Teacher

### Contact Person

Dr. Judith Rowlands, Assistant Dean  
 (856) 227-7200, Ext. 4377  
 E-mail: jrowlands@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## Dance Option

Degree: **Associate in Arts**

College Code: **DAN.AA**

Code	Course	Credits
<b>First Year/First Semester</b>		
DAN-111	Ballet I	3
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
.....	Literature, Philosophy, and the Arts Elective <sup>1</sup>	3
.....	Language Elective <sup>2</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Semester</b>		
DAN-112	Ballet II	3
DAN-121	Jazz I	3
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Social Science Elective	3
.....	Language Elective <sup>2</sup>	3
		<b>18</b>
<b>Second Year/First Semester</b>		
DAN-232	Modern Dance I	3
DAN-222	Jazz II	3
.....	Literature, Philosophy, and the Arts Elective	3
SPE-102	Public Speaking	3
MTH.....	Mathematics Elective	3/4
		<b>15/16</b>
<b>Second Semester</b>		
DAN-232	Modern Dance II	3
.....	Dance Elective <b>or</b>	
.....	Theatre Elective	3
.....	Social Science Elective	3
.....	Laboratory Science Elective	4
MTH.....	Mathematics Elective	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>

### Highlights

This course transfers to baccalaureate programs in dance.

Students have the opportunity to do their own choreography for the dance concerts.

<sup>1</sup>It is recommended that students select THE-151

<sup>2</sup>Must take 6 credits in one language

### Career/Program Description

The program prepares students for careers in specific art-related industries. It is designed to enable students to recognize and adhere to professionalism in industrial art.

### Career/Program Information

The program:

- Provides students with a sound course of study
- Prepares graduates to select, gather, and organize work for submission in the exit portfolio
- Prepares graduates to demonstrate knowledge of technical development and changing standards in industry

### Career Opportunities

- Graphics
- Illustration
- Industrial design
- Printmaking

### Contact Person

Dr. Judith Rowlands, Assistant Dean  
 (856) 227-7200, Ext. 4377  
 E-mail: jrowlands@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## *Fine & Applied Arts Option: Applied Arts Track*

Degree: **Associate in Arts**

College Code: **APA.AA**

Code	Course	Credits
<b>First Year/First Semester</b>		
ART-160	Design I: Two Dimensional	3
ART-121	Basic Drawing I	3
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
.....	Language Elective <sup>1</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Semester</b>		
ART-122	Basic Drawing II	3
ART-151	Ceramics & Pottery I	3
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Social Science Elective	3
.....	Language Elective <sup>1</sup>	3
		<b>18</b>
<b>Second Year/First Semester</b>		
ART-141	Sculpture I	3
ART-162	Advertising Layout I	3
.....	Literature, Philosophy, and the Arts Elective <sup>2</sup>	3
MTH.....	Mathematics Elective	3/4
.....	Social Science Elective <sup>2</sup>	3
		<b>15/16</b>
<b>Second Semester</b>		
SPE-102	Public Speaking	3
.....	Studio Elective	3
MTH.....	Mathematics Elective	3/4
.....	Laboratory Science Elective	4
.....	Literature, Philosophy, and the Arts Elective <sup>2</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>

### Highlights

- This program enables students to transfer successfully upon completion.
- Students have the opportunity to show their work in the College's Art Gallery.

<sup>1</sup> Must take 6 credits in one language.

<sup>2</sup> Art History I (ART-111), and Art History II (ART-112), are recommended courses for Art majors.

### Career/Program Description

The program prepares students for careers in specific art-related industries. It is designed to enable students to recognize and adhere to professionalism in art.

### Career/Program Information

The program prepares graduates to select, gather, and organize work for submission in the exit portfolio, and helps students attain the mental, visual, and manual skills necessary for success in artwork.

### Career Opportunities

- Advertising
- Art production
- Gallery management
- Illustrating
- Teaching

### Contact Persons

Dr. Judith Rowlands, Assistant Dean  
 (856) 227-7200, Ext. 4377  
 E-mail: jrowlands@camdencc.edu  
 Professor Larry Dell'Olio, ext. 4413  
 E-mail: ldellolio@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## *Fine and Applied Arts Option: Fine Arts Track*

Degree: **Associate in Arts**

College Code: **FNA.AA**

Code	Course	Credits
<b>First Year/First Semester</b>		
ART-160	Design I: Two Dimensional	3
ART-121	Basic Drawing I	3
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
.....	Language Elective <sup>1</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Semester</b>		
ART-131	Painting I	3
ART-151	Ceramics & Pottery I	3
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Language Elective <sup>1</sup>	3
.....	Social Science Elective	3
		<b>18</b>
<b>Second Year/First Semester</b>		
ART-141	Sculpture I	3
.....	Studio Elective	3
.....	Literature, Philosophy, and the Arts Elective <sup>2</sup>	3
MTH.....	Mathematics Elective	3/4
.....	Social Science Elective	3
		<b>15/16</b>
<b>Second Semester</b>		
SPE-102	Public Speaking	3
.....	Studio Elective	3
MTH.....	Mathematics Elective	3/4
.....	Laboratory Science Elective	4
.....	Literature, Philosophy, and the Arts Elective <sup>2</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>

### Highlights

This program enables students to transfer successfully upon completion.

Students have the opportunity to show their work in the College's Art Gallery.

<sup>1</sup>Must take 6 credits in one language.

<sup>2</sup>Art History I (ART-111), and Art History II (ART-112), are recommended courses for Art majors.

### Career/Program Description

This program is designed for people who desire an international perspective and have an interest in foreign languages. Career opportunities for such people are rising steadily. Thus, degrees in this program may lead to careers in international and cross-cultural settings, language translating, communications, and teaching.

### Career/Program Information

The program provides knowledge of the contributions to art, literature, music, and history by people of different nations; develops global perspective through understanding cultural differences and commonalities; develops an understanding of the relationship between human activity and geographical conditions; and broadens cultural experience through a possible study-abroad program.

### Special Program Requirement

Students must complete an Intermediate II level of a foreign language prior to graduation.

### Career Opportunities

- Communications
- Cross-cultural counseling
- Foreign Service
- International business and affairs
- Translations

### Contact Person

Professor Martine Howard, Chair  
(856) 227-7200, Ext. 4744  
E-mail: mhoward@camdencc.edu

### Recommended Electives

- Computer or business course
- Continuation or start of a second foreign language
- Courses taken abroad
- Work on a second foreign language
- World Literature I and II

Graduates of this program successfully transfer to four-year institutions.

<sup>1</sup> Language Elective: Student must complete an Intermediate level of French, Spanish, Italian or German (if the student completed the Intermediate level after the first year, another language must be taken in the first and second semester of the second year.

<sup>2</sup> Recommended Electives  
-course taken through study abroad  
-continuation or start of a second foreign language  
-business courses for students electing a business emphasis  
-a computer course if necessary

<sup>3</sup> Recommended courses for the two Literature and the Arts Electives: World Literature I (ENG-271), World Literature II (ENG-272)

# LIBERAL ARTS AND SCIENCE

## *International Studies Option*

Degree: **Associate in Arts**

College Code: **INT.AA**

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
SOC-101	Introduction to Sociology	3
.....	Language Elective <sup>1</sup>	3
MTH.....	Mathematics Elective	3/4
HPE.....	Health and Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
GEO-101	Cultural Geography	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
ENG-102	English Composition II	3
SPE-102	Public Speaking	3
.....	Language Elective <sup>1</sup>	3
.....	Elective <sup>2</sup>	3
		<b>18</b>
<b>Second Year/First Semester</b>		
.....	Language Elective <sup>1</sup>	3
.....	Literature, Philosophy, and the Arts Elective <sup>3</sup>	3
.....	Social Science Elective	3
.....	Laboratory Science Elective	4
.....	Elective <sup>2</sup>	3
		<b>16</b>
<b>Second Semester</b>		
COM-145	Intercultural Communications	3
.....	Language Elective <sup>1</sup>	3
.....	Literature, Philosophy, and the Arts Elective <sup>3</sup>	3
MTH.....	Mathematics Elective	3/4
.....	Elective <sup>2</sup>	3
HPE.....	Health and Exercise Science Elective	1
		<b>16/17</b>

### Career/Program Description

The program enables students to study music through active performance, preparation of concerts, and observance of professional artists.

### Career/Program Information

The program enables graduates to develop stage presence, concert acumen, and confidence; and helps graduates foster their creativity and explore new ways of looking at the world.

### Career Opportunities

- Conductor
- Music therapist
- Performer
- Teacher

### Contact Person

Professor Mike Billingsley  
 (856) 227-7200, Ext. 4364  
 E-mail: mbillingsley@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## Music Option

Degree: **Associate in Arts**

College Code: **MUS.AA**

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
MUS-123	Music Theory I	3
MUS-151	Applied Music I	2
MUS .....	Ensemble Elective	1
.....	Language Elective <sup>1</sup>	3
.....	Social Science Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>19</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
MUS-124	Music Theory II	3
MUS-152	Applied Music II	2
MUS .....	Ensemble Elective	1
.....	Language Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Year/First Semester</b>		
MUS-225	Music Theory III	3
MUS-253	Applied Music III	2
MUS .....	Ensemble Elective	1
.....	Literature, Philosophy, and the Arts Elective <sup>2</sup>	3
.....	Social Science Elective	3
MTH.....	Mathematics Elective	3/4
		<b>15/16</b>
<b>Second Semester</b>		
SPE-102	Public Speaking	3
MUS-254	Applied Music IV	2
MUS .....	Ensemble Elective	1
.....	Literature, Philosophy, and the Arts Elective <sup>2</sup>	3
MTH.....	Mathematics Elective	3/4
.....	Laboratory Science Elective	4
		<b>16/17</b>

### Highlights

Students have the opportunity to perform with music organizations.  
 The program transfers to baccalaureate programs in music.

<sup>1</sup> Must take 6 credits in one language

<sup>2</sup> Music History I and Music History II are recommended courses

### Career/Program Description

This program is designed to heighten awareness of new photographic techniques and to develop appreciation for photography. Particular attention is given to the development of an individual perspective of photography.

### Career/Program Information

The program provides: basic darkroom techniques in black and white still photography; experience in all phases of camera operations; and experience with current digital imaging technology.

### Career Opportunities

- Advertising photographer
- Artist
- Commercial photographer
- Photojournalist
- Photo lab technician

### Contact Person

Professor Fred Herr  
 (856) 227-7200, Ext. 4389  
 E-mail: fherr@camdencc.edu

### Career Opportunities

This program prepares students for careers in photography and transfers to four-year institutions.

# LIBERAL ARTS AND SCIENCE

## Photography Option

Degree: **Associate in Arts**

College Code: **PHO.AA**

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
ART-160	Design I: Two Dimensional	3
PHO-101	Photography I	3
.....	Language Elective <sup>1</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
PHO-102	Photography II	3
.....	Social Science Elective	3
.....	Language Elective <sup>1</sup>	3
.....	Literature, Philosophy, and the Arts Elective	3
		<b>18</b>
<b>Second Year/First Semester</b>		
PHO-226	Digital Photography	3
MTH.....	Mathematics Elective	3/4
.....	Social Science Elective	3
.....	Studio Elective	3
SPE-102	Public Speaking	3
		<b>15/16</b>
<b>Second Semester</b>		
PHO-221	Studio Photography	3
MTH.....	Mathematics Elective	3/4
.....	Laboratory Science Elective	4
.....	Literature, Philosophy, and the Arts Elective	3
PHO.....	Photography Elective <sup>2</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>

<sup>1</sup> Must take 6 credits in one language

### Career/Program Description

This program provides students with a concentration of course work in the science of psychology appropriate for a psychology major in addition to a foundation in general education.

### Career/Program Information

This program conforms to the transfer guidelines of Rutgers University-Camden for the Bachelor of Arts Degree as well as with its Psychology Major requirements.

### Special Program Information

Students in this program may select any psychology course to fulfill a psychology elective or they may select a thematic cluster of courses such as: Life-Span-related courses (PSY 105,-106,-107), Mental Health-related courses (PSY 102,-104,-108); or, Work-related courses PSY 110,-111,-112).

### Contact Person

Dr. William H. Curtis, Chair  
(856) 227-7200, Ext. 4480  
E-mail: wcurtis@camdencc.edu.

**Career Opportunities**  
Qualified students in the program are encouraged to join the College's Chapter of the Psi Beta National Honor Society in Psychology which is a member of the Association of College Honor Societies.

<sup>1</sup>PSY-101 Basic Psychology is recommended.

<sup>2</sup>French, German, Italian, Russian or Spanish elective is recommended.

<sup>3</sup>A social science elective other than a psychology elective is recommended.

<sup>4</sup>ENG-271 World Literature I is recommended.

<sup>5</sup>A course in Music Appreciation, Art Appreciation, Introduction to Theatre, Music or Art History is recommended.

# LIBERAL ARTS AND SCIENCE

## Psychology Option

Degree: **Associate in Arts**

College Code: **PSY.AA**

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
MTH-101	Concepts of Math <b>or</b>	
MTH-103	Topics in Math	3
.....	Social Science Elective <sup>1</sup>	3
.....	Language Elective <sup>2</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
MTH-111	Elements of Statistics I	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Social Science Elective <sup>3</sup>	3
.....	Language Elective <sup>2</sup>	3
.....	Literature, Philosophy and the Arts Elective <sup>4</sup>	3
		<b>18</b>
<b>Second Year/First Semester</b>		
SPE-102	Public Speaking	3
PSY.....	Psychology Elective	3
.....	Laboratory Science Elective	4
.....	Elective	3/4
.....	Computer Information Systems Elective <b>or</b>	
.....	Literature, Philosophy and the Arts Elective <sup>5</sup> <b>or</b>	
.....	Language Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>
<b>Second Semester</b>		
PSY.....	Psychology Elective	3
PSY.....	Psychology Elective	3
.....	Elective	3/4
.....	Elective	3/4
.....	Elective	3/4
		<b>15/18</b>

# LIBERAL ARTS AND SCIENCE

## *Sign Language Studies Option*

Degree: **Associate in Arts**  
College Code: **SLS.AA**

### Career/Program Description

This option is designed to meet the needs of students who wish to learn about deafness and sign language in depth but do not wish to become professional interpreters. Although the Sign Language Studies option is similar to the Interpreter Education program, it does not require that students take courses specifically designed to enhance or teach interpreting skills. Instead, the Sign Language Studies Option offers a more general education in liberal arts.

### Career/Program Information

The program provides fluency in American Sign Language; fosters a commitment to empower the deaf in society through support service initiatives; and prepares students to assess the communication needs of the deaf in a variety of settings.

### Career Opportunities

Though this curriculum does not prepare students for specific careers after graduation, the broad liberal arts background assists students in pursuing careers in deafness which require advanced degrees. These careers include audiology, counseling for the deaf, and psychology for the deaf.

### Contact Person

Professor Paul T. Klucsarits, Coordinator  
(856) 227-7200, Ext. 4948  
E-mail: [pklucsarits@camdencc.edu](mailto:pklucsarits@camdencc.edu)

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
SLS-202	American Deaf Culture	3
SLS-204	Audiological Processes	3
.....	Language Elective <sup>1</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Semester</b>		
ENG-102	English Composition I	3
HIS-112	Western Civilization II <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-103	World Civilization III	3
.....	Language Elective <sup>2</sup>	3
.....	Social Science Elective	3
MTH.....	Mathematics Elective	3/4
.....	Elective	3/4
		<b>18/19/20</b>
<b>Second Year/First Semester</b>		
ASL-201	Advanced American Sign Language	3
SLS-203	Introduction to Interpreting	3
MTH.....	Mathematics Elective	3/4
.....	Social Science Elective	3
.....	Literature, Philosophy, and the Arts Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
SLS-201	ASL Syntax and Grammar	3
SLS-205	Field Observation & Practicum	4
.....	Literature, Philosophy, and the Arts Elective	3
.....	Laboratory Science Elective	4
.....	Elective	3
		<b>17</b>

### Recommendations

A general education background prepares students for transfer to upper level institutions in fields relating to the deaf. Specialization within the option increases opportunities for employment in a variety of emerging professions serving the deaf.

<sup>1</sup> Recommended Course - Basic American Sign Language (ASL-101)

<sup>2</sup> Recommended Course - Inter. American Sign Language (ASL-102)

### Career/Program Description

The program is designed to help students demonstrate beginning competencies in speech and theatre. The program focuses on the performance aspects of theatre and on the technical aspects of set and scenery design, construction, stage management, and directing.

### Career/Program Information

This program enables students to gain presence, confidence, and poise, and to develop their voices, bodies, and creativity.

### Career Opportunities

- Acting
- Directing
- Public relations
- Set designing
- Stage managing

### Contact Person

Professor Jennifer Christensen,  
 (856) 227-7200, Ext. 4364  
 E-mail: jchristensen@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## *Speech and Theatre Option*

Degree: **Associate in Arts**

College Code: **SPT.AA**

Code	Course	Credits
<b>First Year/First Semester</b>		
THE-131	Voice and Diction	3
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
THE-161	Production and Performance I	1
.....	Language Elective <sup>1</sup>	3
.....	Literature, Philosophy and the Arts Elective <sup>2</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>17</b>
<b>Second Semester</b>		
THE-141	Acting I	3
THE-151	Dance and Movement	3
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Social Science Elective	3
.....	Language Elective <sup>1</sup>	3
		<b>18</b>
<b>Second Year/First Semester</b>		
THE-232	Oral Interpretation	3
THE-253	Stagecraft I	3
THE-242	Acting II	3
THE-162	Production and Performance II	
.....	Literature, Philosophy, and the Arts Elective	3
MTH.....	Mathematics Elective	3/4
		<b>16/17</b>
<b>Second Semester</b>		
SPE-102	Public Speaking	3
THE-252	Children's Theatre	3
.....	Social Science Elective	3
.....	Laboratory Science Elective	4
MTH.....	Mathematics Elective	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>

<sup>1</sup> Must take 6 credits in one language

<sup>2</sup> Introduction to Theatre (THE-121) is recommended

### Highlights

Students participate immediately in all productions. Theatre majors are required to audition at the College.

Graduates transfer to colleges offering baccalaureate programs in speech, theatre, or dance.

### Career/Program Description

Students discover the many fields of speech communication.

### Career/Program Information

Students: explore interpersonal, small group, and public speaking forms of communication; and focus on the dynamics of speech communications.

### Career Opportunities

- Announcing
- Broadcasting
- Communications consulting
- Law
- Marketing
- Teaching

### Contact Person

Dr. Judith Rowlands, Assistant Dean  
 (856) 227-7200, Ext. 4377  
 E-mail: jrowlands@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## Speech and Theatre Option: Speech Track

Degree: **Associate in Arts**

College Code: **SPE.AA**

Code	Course	Credits
<b>First Year/First Semester</b>		
THE-131	Voice and Diction	3
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
.....	Literature, Philosophy, and the Arts Elective <sup>2</sup>	3
.....	Language Elective <sup>1</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>17</b>
<b>Second Semester</b>		
COM-101	Influence of Mass Media	3
SPE-102	Public Speaking	3
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
.....	Social Science Elective	3
.....	Language Elective <sup>1</sup>	3
		<b>18</b>
<b>Second Year/First Semester</b>		
THE-232	Oral Interpretation	3
SPE-211	Interpersonal Communication	3
.....	Literature, Philosophy, and the Arts Elective <b>or</b>	
.....	Computer Information Systems Elective <sup>3</sup> <b>or</b>	
.....	Language Elective	3
.....	Elective	3/4
MTH.....	Mathematics Elective	3/4
		<b>15/16</b>
<b>Second Semester</b>		
THE-141	Acting I	3
SPE-212	Small Group Communication	3
.....	Social Science Elective	3
.....	Laboratory Science Elective	4
MTH.....	Mathematics Elective	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>

**Highlight**  
 Students become specialists in various areas of speech.

<sup>1</sup> Must take 6 credits in one language

<sup>2</sup> Fundamentals of Speech is recommended, (SPE-101) .

<sup>3</sup> If selecting Computer Information Systems elective, select a Computer Science (CSC) course.

# Liberal Arts and Science

Degree: **Associate in Science**

College Code: **LAS.AS**

## Career/Program Description

This transfer program is for students with a high interest in and an aptitude for science and mathematics. The program prepares students for transfer into four-year colleges or universities primarily as preparation for a pre-professional course of study in such areas as medicine, dentistry, and physical therapy.

## Career/Program Information

The Liberal Arts and Science Program:

- Provides a foundation in general education
- Offers concentrated course work in biology, chemistry, and math
- Provides critical thinking skills for effective problem solving
- Describes major historical events and their impact on society
- Provides methods of critiquing works of art, music or literature

## Contact Person

Dr. Wendy Blume, Dean  
 Math, Science & Health Careers  
 (856) 227-7200, Ext. 4468  
 E-mail: wblume@camdencc.edu

Code	Course	Credits
<b>First Year/First Semester</b>		
Choose two of the following Laboratory Sciences:		
BIO-111	Biology I - Science <b>or</b>	
CHM-111	Chemistry I - Science <b>or</b>	
PHY-101	Physics I	8
MTH-125	College Algebra & Trigonometry <b>or</b>	
MTH-140	Calculus I	4
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
HPE.....	Health & Exercise Science Elective	1
		<b>19</b>
<b>Second Semester</b>		
Choose two of the following Laboratory Sciences:		
BIO-112	Biology II - Science <b>or</b>	
CHM-112	Chemistry II - Science <b>or</b>	
PHY-102	Physics II	8
MTH-140	Calculus I <b>or</b>	
MTH-150	Calculus II	4
ENG-102	English Composition II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
HPE.....	Health & Exercise Science Elective	1
		<b>19</b>
<b>Second Year/First Semester</b>		
MTH-145	Linear Algebra <b>or</b>	
.....	Laboratory Science Elective	4
MTH-150	Calculus II <b>or</b>	
MTH-210	Calculus III <b>or</b>	
.....	Laboratory Science Elective	4
.....	Social Science Elective	3
ENG.....	Literature Elective	3
		<b>14</b>
<b>Second Semester</b>		
MTH-220	Differential Equations <b>or</b>	
.....	Laboratory Science Elective	4
MTH-111	Elements of Statistics <b>or</b>	
.....	Laboratory Science Elective	3/4
BIO-250	Coop I: Science <b>or</b>	
.....	Literature Elective	3
.....	Social Science Elective	3
		<b>13/14</b>

## Recommendations

Students should select courses according to the needs of the transferring institution.

### Career/Program Description

This transfer program is designed for students who have a strong interest in biology and who plan to major in biology at a four-year college or university.

### Career/Program Information

This program prepares students to:

- Enter specialized upper level courses botanical, zoological, genetics, microbiological and other fields
- Meet the academic challenges of new advances in molecular biology
- Utilize practical skills in microscopy, dissection, field work, and data collection

### Career Opportunities

- Researcher in pharmaceutical and biomedical laboratories
- Laboratory technician
- Preparation for pre-professional careers such as Medicine, Dentistry or Veterinary Medicine

### Contact Person

Professor Joseph Glass, Chair  
 (856) 227-7200, Ext. 4464  
 E-mail: jglass@camdenc.edu

# LIBERAL ARTS AND SCIENCE

## *Biology Option*

Degree: **Associate in Science**

College Code: **BIO.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
BIO-111	Biology I - Science	4
CHM-111	Chemistry I - Science	4
MTH-125	College Algebra & Trigonometry <b>or</b>	
MTH-140	Calculus I	4
ENG-101	English Composition I	3
HIS.....	History Elective	3
		<b>18</b>
<b>Second Semester</b>		
BIO-112	Biology II - Science	4
CHM-112	Chemistry II - Science	4
MTH-140	Calculus I <b>or</b>	
MTH-150	Calculus II	4
ENG-102	English Composition II	3
.....	Humanities Elective	3
		<b>18</b>
<b>Second Year/First Semester</b>		
PHY-101	Physics I	4
MTH-150	Calculus II <b>or</b>	
MTH-210	Calculus III <b>or</b>	
.....	Laboratory Science Elective	4
.....	Literature Elective	3
.....	Social Science Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>15</b>
<b>Second Semester</b>		
PHY-102	Physics II	4
MTH-111	Elements of Statistics I <b>or</b>	
BIO-250	Coop I: Science <b>or</b>	
.....	Laboratory Science Elective	3/4
.....	Computer Programming Elective	3
.....	Social Science Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>14/15</b>

### Highlights

Graduates have successfully transferred to Rutgers University, Cornell University, Richard Stockton College of New Jersey, Thomas Jefferson University and other four-year institutions.

### Career/Program Description

The curriculum leads to the bachelor's degree in business administration. Specialized fields in upper division studies include accounting, business administration, economics, finance, human resource management, marketing, computer studies, and other business-related professions.

### Career/Program Information

The program provides general education in communications, math/science, humanities, and computer literacy; and presents a core of studies in accounting, law, management, and economics.

### Recommendations

- Students should contact transfer institution before enrolling in the program.
- Students should enlist the assistance of academic advisors in choosing electives.

### Contact Person

Professor Maria Aria, Coordinator  
 (856) 227-7200, Ext. 4457  
 E-mail: maria@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## *Business Administration Option*

Degree: **Associate in Science**  
 College Code: **BUS.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
MGT-101	Introduction to Business	3
ACC-101	Accounting I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
MTH.....	Mathematics Elective <sup>1</sup>	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
ACC-102	Accounting II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
MGT-102	Introduction to Management	3
.....	Social Science Elective	3
.....	Science Elective <sup>1</sup> <b>or</b>	
MTH.....	Mathematics Elective <sup>1</sup>	3/4
		<b>18/19</b>
<b>Second Year/First Semester</b>		
LAW-101	Legal Environment/Business Law I	3
ECO-101	Macroeconomics	3
.....	Literature, Philosophy, and the Arts Elective	3
.....	General Education Elective	3/4
.....	Computer Information Systems Elective <sup>1</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
ECO-102	Microeconomics	3
.....	Social Science Elective	3
.....	Literature Elective <sup>1</sup>	3
.....	General Education Elective	3/4
.....	Business Elective <sup>2</sup>	3
		<b>15/16</b>

### Highlight

The program prepares students who are interested in Business to transfer to a four-year institution.

<sup>1</sup> Electives should be selected with the assistance of an academic advisor or counselor.  
<sup>2</sup> Business Law II OR Principles of Marketing OR Cost Accounting

## Career/Program Description

The Business Administration Option to the Liberal Arts and Sciences program is designed especially for students who intend to continue their studies toward a baccalaureate degree in computer programming or computer information systems with a minimum of transfer loss.

## Career/Program Information

The program provides Information Systems professionals with a solid background in liberal arts and sciences and sufficient knowledge in business, accounting, programming, and systems to operate effectively in a business computing environment.

## Career Opportunities

An Information Systems major can lead to careers in hardware, software, algorithms, databases, tactics, programming, and man-machine interfaces used to create, capture, organize, modify, store, protect, access, and distribute information for use.

- Business
- Education
- Government
- Industry
- Library
- Public and private sectors
- Research

## Contact Persons

Dr. Richard Carney, Coordinator  
 Telephone: (856) 227-7200, Ext. 4649  
 E-mail: rcarney@camdencc.edu  
 Professor Bernadette Carlin, Ext. 4423  
 E-mail: bcarlin@camdencc.edu  
 Professor Lawrence Jadico, Ext. 4520  
 E-mail: ljadico@camdencc.edu  
 Dr. Thali Rajashekhar, ext. 4429  
 E-mail: trajashekhar@camden.edu

# LIBERAL ARTS AND SCIENCE

## *Business Administration Option: Information Systems Track*

Degree: **Associate in Science**  
 College Code: **INF.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
CSC-101	Computer Literacy <b>or</b>	
.....	Computer Programming Elective	3
ACC-101	Accounting I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
ENG-101	English Composition I	3
OST-110	Microcomputer Keyboarding	1
MTH.....	Mathematics Elective <sup>2</sup>	3/4
		<b>16/17</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
ACC-102	Accounting II	3
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
CSC-111	Introduction to Computer Programming/QBASIC <b>or</b>	
CSC-121	Structured Programming (C++) <sup>1</sup>	3
MTH.....	Mathematics Elective <sup>2</sup>	3/4
		<b>15/16</b>
<b>Second Year/First Semester</b>		
CSC-112	Intermediate QBASIC/Intro Visual BASIC <sup>3</sup> <b>or</b>	
CSC-122	Computer Science I (C++) <sup>3</sup> <b>or</b>	
CSC-161	Introduction to Java <sup>3</sup>	3/4
ECO-101	Macroeconomics	3
.....	Language Elective <b>or</b>	
.....	Literature Elective	3
.....	Literature, Philosophy, and the Arts Elective	3
.....	Social Science Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>
<b>Second Semester</b>		
CSC-213	Visual Basic I <sup>3</sup> <b>or</b>	
CSC-223	Computer Science II (C++) <sup>3</sup> <b>or</b>	
CSC-262	Advanced Java <sup>3</sup>	3
ECO-102	Microeconomics	3
.....	Science Elective	3/4
.....	Social Science Elective	3
.....	Language Elective <b>or</b>	
.....	Literature Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>16/17</b>

<sup>1</sup> Students with programming knowledge should take Structured Programming (C++) (CSC-122).

<sup>2</sup> Choose from the following math electives:

- MTH-125 College Algebra and Trigonometry
- MTH-129 Discrete Mathematics - Co-requisite for Computer Science II (CIS-191)
- MTH-122 Applied Calculus
- MTH-140 Calculus I
- MTH-150 Calculus II
- MTH-111 Elements of Statistics I
- MTH-112 Elements of Statistics II
- MTH-120 Applied Finite Math

<sup>3</sup> Prerequisites listed with course descriptions must be met for all programming languages.

Students should check with transfer institution before selecting Computer Programming and Mathematics courses.

### Career/Program Description

This course of study is designed for students who have a strong interest in chemistry and who plan to work toward a major in chemistry or a related field. Chemistry majors perform laboratory procedures in biotechnological, health care and other related fields. They also enter ancillary fields such as forensic science, engineering and education.

### Career/Program Information

The Liberal Arts and Science: Chemistry Option:

- Provides hands-on experience of current laboratory techniques; teaches the use of the scientific method
- Prepares graduates to transfer to a four-year institution.

### Special Program Requirement

This program is open to all interested students.

### Career Opportunities

- Chemical Engineer
- Laboratory Technician
- Physician
- Physical Therapist
- Physician's Assistant

### Contact Person

Dr. Teresa A. Smith, Chair  
(856) 227-7200 Ext. 4479  
E-mail: tasmith@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## *Chemistry Option*

Degree: **Associate in Science**

College Code: **CHM.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
CHM-111	Chemistry I - Science	4
MTH-140	Calculus I	4
PHY-201	Physics III	4
ENG-101	English Composition I	3
HIS.....	History Elective	3
		<b>18</b>
<b>Second Semester</b>		
CHM-112	Chemistry II - Science	4
MTH-150	Calculus II	4
PHY-202	Physics IV	4
ENG-102	English Composition II	3
.....	Humanities Elective	3
		<b>18</b>
<b>Second Year/First Semester</b>		
CHM-221	Organic Chemistry I	4
MTH-210	Calculus III <b>or</b>	
.....	Laboratory Science Elective	4
ENG.....	Literature Elective	3
.....	Social Science Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>15</b>
<b>Second Semester</b>		
CHM-222	Organic Chemistry II	4
MTH-220	Differential Equations <b>or</b>	
.....	Laboratory Science Elective	4
.....	Social Science Elective	3
.....	Computer Programming Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>15</b>

### Recommendations

Preparation for Chemistry is required for those who have not had high school chemistry. Students should select courses according to the needs of the transferring institution.

### Career/Program Description

The Health and Exercise Science option prepares a student to receive an Associate in Science degree (A.S.) and transfer to a four-year college to major in a variety of related fields in health, physical education, and exercise science.

### Career/Program Information

The Health & Exercise Science Option:

- Provides students with a background sufficient to transfer for advanced degrees
- Exposes students to a variety of careers and areas of study within the major

### Job Opportunities

- Fitness Centers
- YMCA's
- Wellness Centers
- Corporate Fitness Programs

### Contact Person

Nicholas DiCicco, Director  
 (856) 227-7200, Ext. 4264  
 E-mail: ndicicco@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## *Health and Exercise Science Option*

Degree: **Associate in Science**

College Code: **HPE.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
BIO-111	Biology I - Science	4
HPE-101	Introduction to Health and Exercise Science	3
BIO-105	Introduction to Nutrition	3
ENG-101	English Composition I	3
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
		<b>16</b>
<b>Second Semester</b>		
BIO-211	Anatomy & Physiology I	4
MTH-111	Elements of Statistics	3
HIS-112	Western Civilization II <b>or</b>	
HIS-102	World Civilization II	3
ENG-102	English Composition II	3
HPE-195	Concepts of Ind/Dual Sports	3
		<b>16</b>
<b>Second Year/First Semester</b>		
BIO-212	Anatomy & Physiology II	4
PSY-101	Basic Psychology	3
HPE-170	First Aid, Safety & Prevention of Injury	3
HPE-102	Health and Wellness	3
ENG .....	Literature Elective	3
		<b>16</b>
<b>Second Semester</b>		
HPE-104	Health & Personal Living	3
SOC-101	Introduction to Sociology	3
BIO-230	Exercise Physiology	4
CSC-101	Computer Literacy	3
.....	Humanities Elective <sup>1</sup>	3
		<b>16</b>

### Highlights

There are transfer opportunities to the College of New Jersey, Delaware College, Rowan, Rutgers, Temple and West Chester Universities.

<sup>1</sup>Students interested in teaching should take Intro to Dance (DAN-101). Students interested in Athletic Training should take Elementary Spanish (SPA-101).

### Career/Program Description

This program is designed to constitute the first two years of a traditional four-year curriculum. This program is designed for students with a strong interest in mathematics and its applications who plan to transfer to a four-year college or university as a mathematics major or a major in a related field.

### Career/Program Information

- Graduates qualify for transfer to four-year colleges and universities
- Students gain experience in the use of graphing calculators, computer software, online and interactive television classes
- Graduates are highly competitive as mathematics majors at area four-year institutions

### Career Opportunities

- Computer Science
- Economics and Actuarial Sciences
- Education
- Engineering
- Natural Sciences
- Transfer Opportunities in Pure Mathematics, Applied Mathematics, and Statistics

### Contact Persons

Professor Penny Luczek  
 (856) 227-7200, Ext. 4674  
 E-mail: [pluczek@camdencc.edu](mailto:pluczek@camdencc.edu)  
 Professor P. Echeverria  
 (856) 227-7200, Ext. 4496  
 E-mail: [pecheverria@camdencc.edu](mailto:pecheverria@camdencc.edu)

# LIBERAL ARTS AND SCIENCE

## *Mathematics Option*

Degree: **Associate in Science**

College Code: **MTH.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
MTH-140	Calculus I	4
BIO-111	Biology I - Science <b>or</b>	
CHM-111	Chemistry I Science	4
ENG-101	English Composition I	3
HIS.....	History Elective	3
.....	Social Science Elective	4
		<b>18</b>
<b>Second Semester</b>		
MTH-150	Calculus II	4
BIO-112	Biology II - Science <b>or</b>	
CHM-112	Chemistry II Science	4
MTH-129	Discrete Mathematics	4
ENG-102	English Composition II	3
.....	Humanities Elective	3
		<b>18</b>
<b>Second Year/First Semester</b>		
PHY-201	Physics III	4
MTH-210	Calculus III	4
MTH-145	Linear Algebra	4
ENG.....	Literature Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Semester</b>		
PHY-202	Physics IV	4
MTH-220	Differential Equations	4
.....	Social Science Elective	3
.....	Computer Programming Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>15</b>

### Highlights

The top four transfer institutions for mathematics majors are Rowan University, Rutgers University, Drexel University and Temple. Transfer institutions may specify individual requirements. Faculty Advisors in math are available to you at the Math Office at Taft 101.

Visit our Website at  
[www.camdencc.edu/departments/math/welcome.htm](http://www.camdencc.edu/departments/math/welcome.htm)

### Career/Program Description

This program is designed for students who possess a strong interest in physics and who plan to continue a four-year science curriculum in physics or a related field.

### Career/Program Information

The program:

- Presents course work appropriate for a major in physics
- Prepares graduates to enter specialized upper-level courses in physics

### Special Course Requirement

Students are expected to have had a mathematics course equivalent to Intermediate Algebra I prior to taking this course.

### Career Opportunities

- Engineering
- Lasers
- Optics

### Contact Person

Dr. Raman Kolluri, Chair  
 (856) 227-7200, Ext. 4474  
 E-mail: rkolluri@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## *Physics Option*

Degree: **Associate in Science**

College Code: **PHY.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
PHY-101	Physics I <sup>1</sup> <b>or</b>	
CIS-101	Personal Computer Applications	4/3
MTH-140	Calculus I	4
.....	Social Sciences Elective	3
HIS.....	History Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
PHY-102	Physics II <sup>1</sup> <b>or</b>	
LFO-101	Intro to Photonics & Photonics Safety	4
MTH-150	Calculus II	4
.....	Humanities Elective	3
.....	Computer Programming Elective	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>18/19</b>
<b>Second Year/First Semester</b>		
PHY-201	Physics III	4
CHM-111	Chemistry I - Science <b>or</b>	
BIO-111	Biology I - Science	4
PHY-203	Applied Optics	4
ENG.....	Literature Elective	3
		<b>15</b>
<b>Second Semester</b>		
PHY-202	Physics IV	4
MTH-220	Differential Equations	4
CHM-112	Chemistry II - Science <b>or</b>	
BIO-112	Biology II - Science	4
.....	Social Science Elective	3
		<b>15</b>

<sup>1</sup> A student who is a high school graduate with two years of Physics will choose the alternate course.

**Highlights**  
 Students of this program have successfully transferred to Rowan, Rutgers, Temple Universities and other four-year institutions.

### Career/Program Description

Chiropractors are engaged in the prevention of disease and in the promotion of public health and welfare. Essentially, the treatment methods include chiropractic adjustment, dietary advice, physiotherapeutic measures, and professional counseling.

### Career/Program Information

- This program provides an associate's degree which will prepare students for transfer to a chiropractic college.
- Some chiropractic colleges offer a bachelor's degree which is conferred when the student finishes the chiropractic curriculum.
- To become a doctor of chiropractic, the student will need to attend a chiropractic college such as Palmer College of Chiropractic, New York Chiropractic College, Northwestern College of Chiropractic, or Sherman College of Straight Chiropractic.

### Contact Person

Dr. Gail Stewart  
 (856) 227-7200, Ext. 4465  
 E-mail: gstewart@camdencc.edu

### Recommendations

- Most chiropractic schools require 90 transfer credits and suggest additional course work in science, business, and computer studies.
- Students should choose a college of chiropractic as early in their pre-professional career as possible in order to select the appropriate courses.

# LIBERAL ARTS AND SCIENCE

## *Pre-Chiropractic Option*

Degree: **Associate in Science**

College Code: **PCH.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
BIO-111	Biology I - Science	4
CHM-111	Chemistry I - Science	4
MTH-125	College Algebra & Trigonometry	4
HIS-111	Western Civilization I <b>or</b>	
HIS-101	World Civilization I	3
		<b>18</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
BIO-112	Biology II – Science	4
CHM-112	Chemistry II - Science	4
PSY-101	Basic Psychology	3
HIS-112	Western Civilization I <b>or</b>	
HIS-113	Western Civilization III <b>or</b>	
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III	3
		<b>17</b>
<b>Second Year/First Semester</b>		
CHM-221	Organic Chemistry I	4
PHY-101	Physics I	4
SOC-101	Introduction to Sociology	3
HPE-102	Health & Wellness	3
.....	Humanities Elective	3
		<b>17</b>
<b>Second Semester</b>		
CHM-222	Organic Chemistry II	4
PHY-102	Physics II	4
CIS-101	Personal Computer Applications	3
.....	Social Science Elective	3
		<b>14</b>

### Career/Program Description

This program is designed for students who are seeking to transfer to a baccalaureate program. It prepares students academically for transfer into the junior year of a four-year college or university.

### Career/Program Information

The Pre-Nursing Option:

- Enables students to earn an Associate in Science degree
- Prepares students to transfer to baccalaureate programs in nursing or other allied health professions.

### Special Program Requirement

Graduation from an approved secondary school or a GED is required.

### Career Opportunities

- Education
- Management
- Nursing Administration
- Public Health Nursing

### Contact Person

Michelle Von Neida, MSN, RNC, Coordinator  
(856) 227-7200, Ext. 4566  
E-mail: mvonneida@comdencc.edu

# LIBERAL ARTS AND SCIENCE

## Pre-Nursing Option

Degree: **Associate in Science**

College Code: **PRN.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
BIO-111	Biology I - Science	4
CHM-101	General Chemistry I	4
ENG-101	English Composition I	3
PSY-101	Basic Psychology	3
.....	Elective <sup>1</sup>	3
		<b>17</b>
<b>Second Semester</b>		
CHM-102	General Chemistry II	4
ENG-102	English Composition II	3
HPE-181	Basic Life Support "C"	1
MTH-111	Elements of Statistics	3
HIS.....	History Elective	3
		<b>14</b>
<b>Second Year/First Semester</b>		
BIO-221	Microbiology I	4
BIO-211	Anatomy & Physiology I	4
PSY-109	Developmental Psychology <b>or</b> Psychology Elective	3
ALH-210	Coop I: Allied Health <sup>3</sup> <b>or</b> General Education Elective <sup>2</sup>	4/6
.....		
		<b>15/17</b>
<b>Second Semester</b>		
BIO-212	Anatomy & Physiology II	4
BIO-105	Introduction to Nutrition	3
CIS-101	Personal Computer Applications <b>or</b> Computer Literacy	3
.....	Social Science Elective	3
.....	Humanities Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>17</b>

### Highlights

Students graduating in this option are prepared for programs in various allied health disciplines, such as physical therapy, physician's assistant, or occupational therapy. There are articulation agreements with LaSalle University, Widener University, The College of New Jersey, Thomas Jefferson University, Rutgers College and NJIT/UMDNJ.

<sup>1</sup>Suggested electives for basic skills students: Introduction to Health Care Professions ALH-100 OR Medical Terminology OST-161. ALH-211, ALH-100 or OST-161 may not transfer, please contact the transferring institution prior to selecting electives.

<sup>2</sup>Must be one 4-credit or two 3-credit courses.

<sup>3</sup>Take ALH-210 and one 3-credit General Education Elective.

### Career/Program Description

Pharmacy, a rapidly growing profession, is an integral part of today's health care programs. Pharmacists work in both commercial pharmacies as well as hospital pharmacies and are often the only ones aware of the complete history of the patient's medication. The pharmacist also plays a critical role in communicating the action and side effects of medication.

### Career/Program Information

The program prepares graduates to transfer to pharmacy programs in four-year colleges and universities.

### Special Program Requirement

This program is open to all interested students.

### Career Opportunities

- Hospital pharmacy
- Pharmaceutical industry
- Retail pharmacy

### Contact

Dr. Teresa A. Smith, Chair  
 (856) 227-7200 Ext. 4479  
 E-mail: tasmith@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## *Pre-Pharmacy Option*

Degree: **Associate in Science**

College Code: **PPH.AS**

Code	Course	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
BIO-111	Biology I - Science	4
CHM-111	Chemistry I - Science	4
MTH-140	Calculus I <b>or</b>	
MTH-125	College Algebra & Trigonometry	4
HIS.....	History Elective	3
		<b>17</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
BIO-112	Biology II - Science	4
CHM-112	Chemistry II - Science	4
MTH-140	Calculus I <b>or</b>	
MTH-111	Elements of Statistics	3/4
.....	Humanities Elective	3
		<b>17/18</b>
<b>Second Year/First Semester</b>		
CHM-221	Organic Chemistry I	4
PHY-101	Physics I	4
.....	Social Science Elective	3
ENG .....	Literature Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>15</b>
<b>Second Semester</b>		
CHM-222	Organic Chemistry II	4
PHY-102	Physics II	4
CSC-101	Computer Literacy <b>or</b>	
CSC-111	Introduction to Computer Prog/QBASIC	3
ECO-101	Macroeconomics <b>or</b>	
ECO-102	Microeconomics	3
HPE.....	Health & Exercise Science Elective	1
		<b>15</b>

### Highlights

The average national salary for pharmacists is \$70,000 a year. Graduates of this program have been accepted into pharmacy programs at Temple University and the University of the Sciences.

### Career/Program Description

The registered nurse (RN) is a health care professional academically and clinically prepared to care for patients in a variety of health care settings. Nurses help people reach their full potential for optimal health maintenance and wellness throughout their life span.

### Career/Program Information

Graduates of the program:

- Will earn a diploma from the nursing school and a degree from the College
- Are prepared to sit for the NCLEX-RN exam for registered nurses
- Are part of the health care team, concerned with all aspects of a person's well being.

### Special Program Requirements

- Graduation from an approved secondary school or a GED
- Submission of a high school transcript and/or a GED certificate to the School of Nursing
- Completion of the basic skills requirements
- Completion of high school biology and chemistry with a "C" or better
- Interview with a member of the School's admissions committee
- Two letters of reference
- NET testing
- SAT score of 450 math, 450 verbal (minimum), valid if taken within the last 5 years

### Accreditation

Helene Fuld School of Nursing is approved by the New Jersey Board of Nursing and is accredited by the National League for Nursing Accrediting Commission.

### Career Opportunities

- Case manager
- Hospice nurse
- School nurse
- Staff nurse: pediatrics, trauma, maternal-child, emergency room, operating room

### Contact Persons

College contact: Michelle Von Nieda, MSN, RNC, Coordinator  
(856) 227-7200, Ext. 4566

E-mail: mvonnieda@camdencc.edu

Nursing School contact: Admissions Office  
(856) 374-0100

### Recommendations

Adult learners or recent high school graduates without SAT scores will be evaluated on past, current, or future college course work.

Direct articulation into an RN-BSN program is available to graduate nurses.

# NURSING: COOPERATIVE PROGRAM

## *Helene Fuld School of Nursing*

Degree: **Associate in Science, Diploma in Nursing**

College Code: **NHF.AS**

Code	Course	Credits
<b>First Year/Fall Semester</b>		
NHF-100	Nursing I - HF	5
BIO-211	Anatomy & Physiology I	4
BIO-221	Microbiology I	4
PSY-101	Basic Psychology	3
		<b>16</b>
<b>Spring Semester</b>		
NHF-110	Nursing II - HF	7
BIO-212	Anatomy & Physiology II	4
PSY-109	Developmental Psychology	3
ENG-101	English Comp I	3
		<b>17</b>
<b>Second Year/Fall Semester</b>		
NHF-200	Nursing III - HF	8
CHM-101	General Chemistry I	4
BIO-105	Introduction to Nutrition	3
ENG-102	English Comp II	3
		<b>18</b>
<b>Spring Semester</b>		
NHF-210	Nursing IV - HF	8
SOC-101	Introduction to Sociology	3
CSC-101	Computer Literacy	3
		<b>14</b>
<b>Third Year/Fall Semester</b>		
NHF-300	Nursing V - HF	9
HIS.....	History Elective	3
		<b>12</b>
<b>Spring Semester</b>		
NHF-310	Nursing VI - HF	9
.....	Humanities Elective	3
		<b>12</b>

### Career/Program Description

The registered nurse (RN) is a health care professional academically and clinically prepared to care for patients in a variety of health care settings. Nurses help people to reach their full potential for optimal health maintenance and wellness throughout their life span.

### Career/Program Information

- Graduates of the program will earn a diploma from the nursing school and a degree from the College.
- Graduates are prepared to sit for the NCLEX-RN exam for registered nurses.
- Students are part of the health care team, concerned with all aspects of a person's well being.

### Special Program Requirements

- Graduation from an approved secondary school or a GED
- Submission of a high school transcript and/or a GED certificate to the School of Nursing
- Completion of the basic skills requirements
- Completion of high school biology and chemistry with a "C" or better
- Interview with a member of the School's admissions committee
- Two letters of reference
- SAT composite score of 900

### Accreditation

Our Lady of Lourdes School of Nursing is approved by the New Jersey Board of Nursing and is accredited by the Department of Diploma Programs of the National League for Nursing Accrediting Commission.

### Career Opportunities

- Hospice nurse
- Case manager
- School nurse
- Staff nurse: pediatrics, trauma, maternal-child, emergency room and operating room

### Contact Persons

College contact: Michelle Von Nieda, MSN, RNC, Coordinator  
(856) 227-7200, Ext. 4566

E-mail: mvonnieda@camdencc.edu

Nursing School contact: Coordinator of Academic Affairs  
(856) 757-3723

# NURSING: COOPERATIVE PROGRAM

## *Our Lady of Lourdes School of Nursing*

Degree: **Associate in Science, Diploma in Nursing**

College Code: **NOL.AS**

Code	Course	Credits
<b>First Year/Fall Semester</b>		
NOL-100	Intro to Nursing I <sup>1</sup>	2
BIO-211	Anatomy & Physiology I	4
CHM-101	General Chemistry I	4
ENG-101	English Composition I	3
PSY-101	Basic Psychology	3
		<b>16</b>
<b>Spring Semester</b>		
BIO-212	Anatomy & Physiology II	4
BIO-221	Microbiology I	4
ENG-102	English Composition II	3
CIS-101	Personal Computer Applications <b>or</b>	
CSC-101	Computer Literacy	3
		<b>14</b>
<b>Second Year/Fall Semester</b>		
NOL-200	Nursing I	6
PSY-109	Developmental Psychology	3
SOC-101	Intro to Sociology	3
BIO-105	Intro to Nutrition	3
		<b>15</b>
<b>Spring Semester</b>		
NOL-210	Nursing II	8
PHL-232	Biomedical Ethics	3
NOL-220	Pharmacology for Nursing	3
		<b>14</b>
<b>Third Year/Fall Semester</b>		
NOL-300	Nursing III	9
.....	Humanities Electives	3
		<b>12</b>
<b>Spring Semester</b>		
NOL-310	Nursing IV	9
NOL-320	Trends and Issues in Nursing	3
		<b>12</b>

<sup>1</sup>Open to all Camden County College students

### Program Requirements

All students must be American Heart Association (AHA) CPR certified prior to admission and must maintain certification throughout the program. Introduction to Nursing (NOL-100) may be taken during either the Fall or Spring semester. Students not yet accepted into Our Lady of Lourdes School of Nursing must meet CCC prerequisite requirements for Anatomy & Physiology I & II. Humanities elective may be taken at any time prior to the fall semester of the senior year.