



# TRANSFER PROGRAMS

*Transfer Programs are designed primarily for students planning to continue for a Bachelors Degree after completing the Associates Degree.*

## 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.

## 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

## Employment Opportunities

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

## Contact Person

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

**Highlights**

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

# 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 <sup>1</sup>	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 <sup>1</sup>	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 Information Systems Elective	3
.....	Social Science Elective <sup>1</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>14/15</b>

<sup>1</sup>Secondary education majors should take Basic Psychology (PSY-101) and Educational Psychology (PSY-103) for the two social science electives and Historical Trends in American Education (EDU-101) for the humanities elective.

## 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.

## 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.
- This program is designed for the student who wishes to transfer to a four-year college or university.

## Contact Persons

Professor Maria Aria, Coordinator  
(856) 227-7200, Ext. 4457

E-mail: maria@camdencc.edu

Professor Jill Russell, Ext. 4546

E-mail: jrussell@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>

### Highlights

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

## 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.

## 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.

## Employment 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

Professor Lawrence Jadico, Coordinator  
(856) 227-7200, Ext. 4520

E-mail: [ljadico@camdencc.edu](mailto:ljadico@camdencc.edu)

Professor Bernadette Carlin, Ext. 4423

E-mail: [bcarlin@camdencc.edu](mailto:bcarlin@camdencc.edu)

Professor James Hudgings, Ext. 4387

E-mail: [jhudgings@camdencc.edu](mailto:jhudgings@camdencc.edu)

Dr. Thali Rajashekhar, ext. 4429

E-mail: [trajashekhara@camden.edu](mailto:trajashekhara@camden.edu)

Professor Peter Grillo, Ph.D., Ext. 4736

E-mail: [pgrillo@camdencc.edu](mailto:pgrillo@camdencc.edu)

Professor Melvin Howell, Ext. 3105

E-mail: [mhowell@camdencc.edu](mailto:mhowell@camdencc.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	3/4
MTH.....	Mathematics Elective <sup>2</sup>	3/4
		<b>15/16/17</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 <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 <b>or</b>	
CSC-262	Advanced Java <sup>3</sup>	3/4
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>16/17/18</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.

## 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.

## 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.

## Employment Opportunities

- Chemical Engineer
- Education
- 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>		
ENG-101	English Composition I	3
CHM-111	Chemistry I - Science	4
MTH-140	Calculus I	4
PHY-201	Physics III	4
HIS .....	History Elective	3
		<b>18</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
CHM-112	Chemistry II - Science	4
MTH-150	Calculus II	4
PHY-202	Physics IV	4
.....	Social Science Elective <sup>1</sup>	3
		<b>18</b>
<b>Second Year/First Semester</b>		
CHM-221	Organic Chemistry I	4
BIO-111	Biology I: Science	4
MTH-210	Calculus III	4
ENG .....	Literature Elective	3
HPE .....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Semester</b>		
CHM-222	Organic Chemistry II	4
BIO-112	Biology II: Science	4
CHM-210	Fundamentals of Biochemistry <b>or</b>	
.....	Computer Programming Elective <sup>2</sup>	3/4
.....	Social Science Elective <sup>1</sup>	3
HPE .....	Health & Exercise Science Elective	1
		<b>15/16</b>

### Recommendations

Preparation for Chemistry (CHM-010) is required for those who have not had high school chemistry. Students should select courses according to the needs of the transferring institution.

<sup>1</sup> Secondary education majors should take Basic Psychology (PSY-101) and Educational Psychology (PSY-103) for the two social science electives.

<sup>2</sup> CSC-121 Structured Programming (C++) and CSC-161 Introduction to Java are transferable programming courses.

## 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.

## 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.

## Employment Opportunities

- Advertising
- Editing
- Newspaper journalism
- Radio broadcasting
- \* Audio Production
- Corporate & Industrial Telecommunications
- Cable
- Internet
- Research
- TV Broadcasting & Producing

## Contact Person

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

- <sup>1</sup> Must take 6 credits in one language
- <sup>2</sup> Computer Science (CSC) course should be selected for the Computer Information Systems elective.
- <sup>3</sup> Communications Electives
- COM-103 Introduction to Journalism
  - COM-104 Introduction to Public Relations
  - COM-105 Media Literacy
  - COM-141 Broadcasting
  - COM-145 Intercultural Communications
  - COM-201 Electronic News Reporting
  - COM-203 Writing for Electronic Media
  - COM-204 Writing, Editing & Layout/Print
  - COM-205 Audio Production
  - ENG-111 Hon English Comp I
  - ENG-112 Hon English Comp II
  - ENG-211 Advanced Composition
  - ENG-241 Technical Writing
  - PHO-225 Photojournalism
  - SPE-211 Interpersonal Communication
  - SPE-212 Small Group Communications
  - THE-131 Voice and Diction
  - THE-232 Oral Interpretation

### Highlights

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

### WDBK-FM 91.5

Volunteer to serve in various positions available at the station; programming, music, production, news, sports, public affairs, underwriting & research.

# LIBERAL ARTS AND SCIENCE *Communications Option*

Degree: **Associate in Arts**

College Code: **COM.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	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
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 <b>or</b>	3
COM-201	Electronic News Reporting <b>or</b>	
COM-203	Writing for Electronic Media	
COM-143	Introduction to Electronic Media	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>

## 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.

## Program Information

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

## Employment Opportunities

- Magazine photography
- Newspaper photography
- Public relations photography and writing
- Freelance photography
- Wire Services
- Picture agencies
- Book Illustrator
- Internet

## Contact Person

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

# 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>	
HIS-101	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>	
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-103	Introduction to Journalism <b>or</b>	3
COM-201	Electronic News Reporting <b>or</b>	
COM-203	Writing for Electronic Media	
.....	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>

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

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

### Highlights

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

Volunteer to serve as a staff photographer for *[The Campus Press]* the campus newspaper or *Bridges*, the Literary publication.

## Program Description

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

## 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.

## Employment Opportunities

- Advertising
- Corporations (employee, media, government, community, and consumer relations)
- Nonprofit organizations and trade associations
- Independent public relations agencies
- Integrated marketing communications
- Governments

## Campus Opportunities

Working with student organizations, clubs and some non-profit agencies in the county, students in the public relations course learn how to research, plan and communicate a public relations proposal.

## 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) course 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 <b>or</b>	3
COM-201	Electronic News Reporting <b>or</b>	
COM-203	Writing for Electronic Media	
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.

## Program Description

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

## Program Information

The program:

- Prepares graduates for intermediate-level employment in the graphics industry
- Provides the most advanced equipment available
- Enables students to demonstrate knowledge of the changing industry standard and technical development in computer graphics

## Employment Opportunities

- Computer animation
- Computer graphics
- Electronic publishing
- Multimedia

## Contact Persons

Professor Phyllis Owens, Coordinator  
(856) 227-7200, Ext. 4682

E-mail: powens@camdencc.edu

Professor Elaine Reeder, Ext. 4556

E-mail: ereeder@camdencc.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)

## 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.

## Program Information

The program:

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

## Employment Opportunities

- Advertising agencies
- Computer graphics
- Electronic publishing
- Newspapers

## Contact Persons

Professor Phyllis Owens, Coordinator  
 (856) 227-7200, Ext. 4682  
 E-mail: powens@camdencc.edu  
 Professor Elaine Reeder, Ext. 4556  
 E-mail: ereeder@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## Computer Graphics Option: Electronic Publishing Track

Degree: **Associate in Arts**

College Code: **ELPAA**

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>		
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 I	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 I	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)

## 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.

## 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
- Equips students with a strong liberal arts background

## Employment 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. 4761

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

Dr. Richard Carney, Ext. 4649

E-mail: rcarney@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	4
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Social Science Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</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	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	4
MTH.....	Mathematics Elective <sup>1</sup>	3/4
.....	Language Elective <sup>2</sup>	3
.....	Literature, Philosophy, and the Arts Elective	3
		<b>17/18</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

## 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.

## 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.

## Employment 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: [gevans@camdencc.edu](mailto:gevans@camdencc.edu)

### Highlights

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

# 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-105	Criminal Law	3
ENG-101	English Composition I	3
SOC-101	Introduction to Sociology <b>or</b>	
PSY-101	Basic Psychology	3
CSC-101	Computer Literacy <sup>1</sup>	3
		<b>15</b>
<b>Second Semester</b>		
CRJ-104	Juvenile Delinquency	3
CRJ-106	Contemporary Corrections	3
CRJ-203	Principles of Investigation	3
ENG-102	English Composition II	3
MTH.....	Mathematics Elective	3/4
POL-101	Introduction to Political Science <b>or</b>	
POL-103	American Federal Government	3
		<b>18/19</b>
<b>Second Year/First Semester</b>		
CRJ-251	Crime Analysis	3
CRJ-103	Legal Systems	3
POL-111	Public Administration	3
SPE-101	Fundamentals of Speech	3
.....	Social Science Elective	3
HPE.....	Health & Exercise Science Elective	2
		<b>17</b>
<b>Second Semester</b>		
CRJ.....	Criminal Justice Elective	3
POL-112	Public Personnel Administration	3
PHL-131	Introduction to Ethics	3
HIS.....	History Elective	3
.....	Laboratory Science Elective	4
		<b>16</b>

<sup>1</sup>Students who pass a qualifying exam are encouraged to take CIS-206 Advanced Computer Concepts

## 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. This option offers equal concentration in classical, ballet, modern and jazz. Each semester the students participate in a dance concert and in theatre musicals.

## 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.

## Employment 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>

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

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

**Highlights**

This course transfers to baccalaureate programs in dance.

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

## Program Description

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.

## Program Information

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 Extended 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.

### Program Information

Secondary Education students interested in a math, biology, chemistry or physics co-major should follow the curriculum for the Liberal Arts and Science Mathematics Option, the Liberal Arts and Science Biology Option, the Liberal Arts and Science Chemistry Option, the Liberal Arts and Science Physics Option and not the Elementary/Secondary Education curriculum.

## 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.

## Program 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.

## Employment Opportunities

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

## Contact Persons

Professor Larry Chatman, Coordinator  
(856) 227-7200, Ext. 4523  
E-mail: lchatman@camdencc.edu  
Professor Melvin Roberts, Ext. 4526  
E-mail: mroberts@camdencc.edu

### Highlights

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	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.

## Program Description

The program is designed to constitute the first two years of a baccalaureate degree in English. It prepares a student for transfer to the junior year at a four-year college or university.

## Program Information

The English Option is primarily designed for students who wish to transfer as English majors to four-year colleges and universities. It offers course preparatory to advanced study in writing and literature. The program provides basic college level writing courses as well as opportunities for creative writing, and offers surveys of major literary fields such as American, English, and World Literature. Strong writing skills and experience in the interpretation of literature are valuable in a wide variety of professions as well as in the traditional careers of teaching, writing and editing.

## Special Program Information

As soon as possible, students are recommended to access curriculum requirements of possible transfer institutions.

## Employment Opportunities

- Teaching
- Writing
- Editing

## Contact Persons

Professor Claire Berger  
 (856) 227-7200, Ext. 4713  
 E-mail: cberger@camdencc.edu  
 Professor David Daniels  
 (856) 227-7200, Ext. 4370  
 E-mail: ddaniels@camdencc.edu

<sup>1</sup> Introduction to Literature is suggested, especially for those students whose experience in literature is limited.

<sup>2</sup> Both language electives must be in the same language.

**Note**

While many colleges and universities accept most if not all of the literature courses the student chooses to take toward his or her major, there are some institutions that will only accept courses in World Literature and Shakespeare.

# LIBERAL ARTS AND SCIENCE *English Option*

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

Code	Course (lecture/lab)	Credits
<b>First Year/First Semester</b>		
ENG-101	English Composition I	3
HIS-101	World Civilization I <b>or</b>	
HIS-111	Western Civilization I	3
MTH.....	Math Elective	3/4
.....	Language Elective <sup>2</sup>	3
.....	Social Science Elective	3
HPE.....	Health and Exercise Science Elective	1
<b>Second Semester</b>		<b>16/17</b>
ENG-102	English Composition II	3
ENG-210	English Grammar	3
HIS-102	World Civilization II <b>or</b>	
HIS-103	World Civilization III <b>or</b>	
HIS-112	Western Civilization II <b>or</b>	
HIS-113	Western Civilization III	3
MTH	Math Elective	3/4
.....	Language Elective <sup>2</sup>	3
.....	Literature, Philosophy & The Arts Elective <sup>1</sup>	3
<b>Second Year/First Semester</b>		<b>18/19</b>
ENG-281	American Literature I <b>or</b>	
ENG-282	American Literature II <b>or</b>	
ENG-271	World Literature I <b>or</b>	
ENG-272	World Literature II <b>or</b>	
ENG-261	English Literature I <b>or</b>	
ENG-262	English Literature II <b>or</b>	
ENG-131	Shakespeare	3
SPE-102	Public Speaking	3
.....	Social Science Elective	3
.....	Computer Information Systems Elective <b>or</b>	
.....	Literature, Philosophy & the Arts Elective <b>or</b>	
.....	Language Elective	3
.....	Elective	3
HPE.....	Health and Exercise Science Elective	1
<b>Second Semester</b>		<b>16</b>
ENG-281	American Literature I <b>or</b>	
ENG-282	American Literature II <b>or</b>	
ENG-271	World Literature I <b>or</b>	
ENG-272	World Literature II <b>or</b>	
ENG-261	English Literature I <b>or</b>	
ENG-262	English Literature II <b>or</b>	
ENG-131	Shakespeare	3
.....	Laboratory Science Elective	4
.....	Elective	3
.....	Elective	3
.....	Elective	3
		<b>16</b>

## 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 and transfer into BA programs.

## Program Information

The program:

- Provides students with a sound course of study
- Prepares graduates to create, select and organize work for submission in the exit portfolio
- Prepares graduates to demonstrate knowledge of technical development and changing standards in industry
- Teaches students to problem solve
- Teaches students how to make connections between culture & design
- Prepares students to communicate ideas

## Academic Opportunities

- Independent Study
- Service Learning
- Art Coops/Internships
- Visiting Artists/Lectures/Trips

## Employment Opportunities

- Graphics
- Illustration
- Industrial design
- Printmaking
- Fashion design
- Interior design
- Architecture
- Cartooning/Animation

## Contact Persons

Professor Larry Dell' Olio  
(856) 227-7200, Ext. 4413  
E-mail: ldelloio@camdencc.edu  
Professor Kay Klotzbach, Ext. 4342  
E-mail: kklotzbach@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.

## Program Description

The program prepares students for careers in specific art-related fields. It is designed to enable students to recognize and adhere to professionalism in art making & presentation & transfer into BA programs.

## Program Information

The program prepares graduates to create, 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 making art.

The purpose of the program is threefold:

- To provide students with basic information necessary to begin work in their primary area of study
- To provide students with a strong comprehensive foundation in liberal arts and art history
- To provide students with a nurturing environment where they can analyze, criticize and examine their art and consider the artist's role in society.

## Academic Opportunitites

- Independent Study
- Service Learning
- Art Coop/Internships
- Visiting Artists/Lectures/Trips

## Employment Opportunities

- Painter
- Sculptor
- Gallery management
- Art History
- Art Therapy
- Teaching
- Ceramic artist

## Contact Persons

Professor Kay Klotzbach  
(856) 227-7200, Ext. 4342  
E-mail: kklotzbach@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>

<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.

### Highlights

This program enables students to transfer successfully upon completion.

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

## 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, athletic training, and exercise science.

## 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

## Employment Opportunities

- Teaching physical education and health
- Fitness Centers
- YMCA's
- Wellness Centers
- Corporate Fitness Programs
- Public & Private Schools
- Sports Teams
- Athletic Programs

In the 21st Century, employment opportunities in the areas of health, physical education, exercise science, fitness, sports medicine and coaching will continue to be in high demand. Television and other forms of communication have made people more aware of the negative effects of an inactive lifestyle on personal health and wellness. As a result, schools, communities and private corporations are seeking leadership in fitness, exercise, sports and health-related careers.

A student interested in a career in health and physical education should demonstrate an interest in working with individual who may vary in age from pre-school to senior citizen. Instruction occurs in large group, small group and/or individual settings depending on the specialization. Specific professional opportunities include teaching health and physical education (K-12) in public and private schools; directing adults in corporate, private and recreational fitness programs; coaching school and recreational teams; and working in sports medicine and allied health settings.

The continued need for professionals in health and physical education is further advanced by two additional facts. State and federal regulations reinforce the importance of having required health and physical education for students at all educational levels. Furthermore, the Healthy People 2010 are national goals which promote fitness, nutritional, and wellness standards for all citizenry.

## Contact Person

Dr. 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 <sup>1</sup>	3
FNS-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 <sup>2</sup>	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 ..... <sup>3</sup>	Literature Elective	3
		<b>16</b>
<b>Second Semester</b>		
HPE-104	Health & Personal Living	3
SOC-101	Introduction to Sociology	3
HPE-220	Exercise Physiology <sup>3</sup>	4
CSC-101	Computer Literacy	3
..... <sup>4</sup>	Humanities Elective <sup>4</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> Offered in the day in the Fall, night in the Spring.

<sup>2</sup> Offered in the Fall only.

<sup>3</sup> Offered Spring semester day only.

<sup>4</sup> Students interested in teaching should take Dance & Movement. Students interested in Fitness Management or Athletic Training should take Spanish.

## 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.

## 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, Chair  
(856) 227-7200, Ext. 4431  
E-mail: tbarthold@camdencc.edu

# LIBERAL ARTS AND SCIENCE

## *History Concentration*

Degree: **Associate in Arts**

College Code: **HIS.AA**

### Liberal Arts Requirements

<sup>1</sup> MTH-109 (Intermediate Algebra Extended) 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
BIO-140	Microbial World	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

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>

## 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.

## 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
- Job experience through field work courses

## Transfer Opportunities

Many of our students go on to earn bachelor's degrees in human services. The most popular transfer destinations include:

- Rutgers University School of Social Work
- Rutgers University Liberal Arts Program
- New Jersey City University
- Rowan University
- The Richard Stockton College of New Jersey
- Thomas Edison State College of New Jersey

## Employment Opportunities

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

## Contact Person

Professor Habiba Soudan, Coordinator  
(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>

## Highlights

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

## 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 Employment Opportunities that address the developmental needs of young children from birth to the eighth year of life.

## Transfer Opportunities

Many of our students go on to earn bachelor's degrees in human services. Camden County College maintains articulation agreements with many colleges and universities, promoting an easy transfer process for students to enter four-year institutions. The most popular transfer destinations include:

- New Jersey City University
- Rutgers University
- Thomas Edison State College of New Jersey
- Widener University

## Employment Opportunities

Positions in nurseries and childcare centers:

- Assistant Teacher
- Family Child Care Director
- Infant Room Teacher
- K-3 Teacher's Aide
- Pre-Kindergarten Group Teacher
- Special Needs Individual Aide
- Toddler Group Teacher
- 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)

### Recommendations

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

# HUMAN SERVICES

## Early Childhood Option

Degree: **Associate in Science**

College Code: **ECH.AS**

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>

## Program Description

This program is designed for people who desire an international perspective and have an interest in foreign languages. Employment 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.

## 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.

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

## Special Program Requirement

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

## Employment Opportunities

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

## Recommended Electives

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

## Contact Person

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

<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>

## 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.

## 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.

## Employment 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

Patricia A. Chappell, Director  
 (856) 227-7200, Ext. 4330  
 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.

## 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.

## 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

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

# LIBERAL ARTS AND SCIENCE

## *Language and Culture Concentration*

Degree: **Associate in Arts**

College Code: **LNG.AA**

### Liberal Arts Requirements

<sup>1</sup> MTH-109 (Intermediate Algebra Extended) 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
BIO-140	Microbial World	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>

## Program Description

This program is designed especially for those students who wish to pursue a career in the law, politics, or public service. As part of the program, internships are available to provide on-site training and experience in local government offices. As a transfer curriculum, this option provides the first two years of a traditional four-year baccalaureate program.

## Special Program Information

As soon as possible students are recommended to access curriculum requirements of possible transfer institutions. This program provides four electives which can be used to tailor student needs to that transfer institution.

## Contact Person

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

<sup>1</sup>MTH-109 (Intermediate Algebra Extended) does not transfer

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

<sup>3</sup>POL-101 Intro to Political Science is recommended

<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>POL-103 American Federal Government is recommended

<sup>6</sup>Laboratory Science Electives (4 credits)

BIO-111 Biology I Science	4
BIO-112 Biology II Science	4
BIO-140 The Microbial World	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>7</sup>Computer Information System Elective (if selecting)

CSC-101 Computer Literacy	3
CSC-111 Intro to Computer Program-Basic <sup>3</sup>	

<sup>8</sup>Co-op Credits usually do not transfer

# LIBERAL ARTS AND SCIENCE

## *Law, Government, & Politics Option*

Degree: **Associate in Arts**

College Code: **GOV.AA**

Code	Course (lecture/lab)	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>5</sup>	3
		<b>18/19</b>
<b>Second Year/First Semester</b>		
SPE-102	Public Speaking	3
.....	Laboratory Science Elective <sup>6</sup>	4
.....	Computer Information Systems Elective <sup>7</sup> <b>or</b>	
.....	Literature, Philosophy, and the Arts Elective <sup>4</sup> <b>or</b>	
.....	Language Elective	3
HIS-121	U.S. History I	3
.....	Elective	3/4
HPE	Health & Exercise Science Elective	1
		<b>17/18</b>
<b>Second Semester</b>		
.....	Political Science Elective <b>or</b>	
POL-121	Political Science Co-op <sup>8</sup>	3
HIS-122	U.S History II	3
.....	Elective	3/4
.....	Elective	3/4
.....	Elective	3/4
		<b>15/18</b>

## 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-Elective principle. Students are recommended to complete their first-year core courses before pursuing elective courses.

## 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
- 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

Professor Jennifer Hoheisel, Coordinator  
(856) 227-7200, Ext. 4676  
E-mail: [jhoheisel@camdenc.edu](mailto:jhoheisel@camdenc.edu)

## Liberal Arts Requirements

<sup>1</sup>MTH-109 (Intermediate Algebra Extended) 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
BIO-140	Microbial World	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>

## 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.

## 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

## Employment Opportunities

- Education
- Natural Sciences
- Engineering
- Decision Science and Operations Research
- Transfer opportunities in Pure and Applied Mathematics, Statistics, Biology and Chemistry
- Transfer health career programs such as pre-medical, pre-dental and physical therapy

## Contact Person

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

# Liberal Arts and Science

Degree: **Associate in Science**

College Code: **LAS.AS**

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.

## 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.

## 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

Professor Jennifer Hoheisel, Coordinator  
(856) 227-7200, Ext. 4676  
E-mail: jhoheisel@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-109 (Intermediate Algebra Extended) 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
BIO-140	Microbial World	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

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>

### Second Semester

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>

### Second Year/First Semester

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>

### Second Semester

.....	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>

## 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.

## 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

Professor Jennifer Hoheisel, Coordinator  
(856) 227-7200, Ext. 4676  
E-mail: jhoheisel@camdencc.edu

## Liberal Arts Requirements

<sup>1</sup> MTH-109 (Intermediate Algebra Extended) 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
BIO-140	Microbial World	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

# 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>

## Program Description

This program constitutes the first two years of a traditional four-year curriculum. It 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 in a related field. Students gain experience in the use of graphing calculators and computer software. Graduates are highly competitive as mathematics majors at four-year institutions.

## Program Information

The entry-level math course for the Mathematics Option is Calculus I (MTH-140). Please note that a solid foundation in algebra and trigonometry is essential for success in Calculus I. Students in need of additional training prior to Calculus I have the option of taking the Pre-Calculus I (MTH-120) and Pre-Calculus II (MTH-130) sequence or the faster-paced College Algebra & Trigonometry (MTH-125).

## Employment Opportunities

- Computer Science
- Economics and Actuarial Sciences
- Education
- Engineering
- Management Science and Operations Research
- Natural Sciences

## Contact Persons

Professor Dipti Bardhan, Chair  
(856) 227-7200, Ext. 4364  
E-mail: dbardhan@camdencc.edu

### Highlights

The top four area transfer universities for mathematics majors are Rowan, Rutgers, Drexel and Temple. Transfer institutions may specify individual requirements. Faculty advisors in Math are available to you in Taft 101. Visit our Website at [www.camdencc.edu/departments/math/welcome.htm](http://www.camdencc.edu/departments/math/welcome.htm)

# 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 <sup>1</sup>	3
		<b>17</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 <sup>1</sup>	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 <sup>1</sup>	3
.....	Computer Programming Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>15</b>

<sup>1</sup> Secondary education majors should take Basic Psychology (PSY-101) and Educational Psychology (PSY-103) for the two social science electives and Historical Trends in American Education (EDU-101) for the humanities elective.

## Program Description

The Camden County College music program emphasizes a practical approach to music. It is important for students to experience musical learning hands-on. Music students at Camden County College are exposed to lectures, discussions, professional clinics and performances based on traditions and figures of musical history.

## Program Information

An in-depth study of music theory, aural training, and music history serves as a foundation for students to develop their own artistic personalities. The curriculum explores the development of classroom music activities (singing, playing, composing, etc.) and a wide variety of performance experience. Students take part in numerous large and small music ensembles performing regularly throughout each semester. Through the use of music technology in our classrooms, students are able to compose, record, and listen to music in any learning situation. Graduates of this program successfully transfer to four-year institutions.

## Employment Opportunities

- Composer/Arranger
- Conductor
- Music Librarian
- Music Therapist
- Newspaper Critic/Reporter
- Producer
- Professional Musician/Recording Artist
- Sound Mixer
- Teacher--Elementary, Secondary, Post Secondary, and Studio
- Tuner/Technician/Instrumental Repair

## Contact Person

Dr. Judith Rowlands  
 (856) 227-7200, Ext. 4364  
 E-mail: jrowlands@camdencc.edu

### Highlights

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

# 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>

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

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

## Helene Fuld Cooperative Nursing Program

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

College Code: **NHF.AS**

### 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 the life span.

### 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
- Minimum GPA of 2.5

### 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 (NLNAC).

### Employment Opportunities

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

### Contact Persons

College contact: Judith Dunn, Nursing Coordinator  
(856) 227-7200, Ext. 4566  
Nursing School contact: Admissions Office  
(856) 374-0100

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
FNS-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>

### 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.

# Our Lady of Lourdes Cooperative Nursing Program

Degree: **Associate in Science, Diploma in Nursing**  
 College Code: **NOLAS**

**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.

**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 (Equivalent courses may be taken at CCC)
- Interview with a member of the School's admissions committee
- Two letters of reference
- SAT composite score of 900 is recommended
- Minimum GPA of 2.5
- NET (Nurse Entrance Test) is required.

**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.

**Employment Opportunities**

- Position as a registered nurse in: hospitals, clinics, home care agencies, long term care, hospices.
- Additional information is available at [olnursing.com](http://olnursing.com).

**Contact Persons**

College contact: Judith Dunn, Nursing Coordinator  
 (856) 227-7200, Ext. 4566  
 Nursing School contact: Coordinator of Academic Affairs  
 (856) 782-2104  
[reillyd@lourdesnet.org](mailto:reillyd@lourdesnet.org)

**Program Requirements**

All students must be CPR certified (BLS for health care professionals) before beginning Nursing I. Students not yet accepted into Our Lady of Lourdes School of Nursing must meet CCC prerequisite requirements for Anatomy & Physiology I & Microbiology I. Humanities elective may be taken at any time prior to Nursing IV.

Code	Course	Credits
<b>First Year/Fall Semester</b>		
NOL-100	Introduction 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	Introduction to Sociology	3
FNS-105	Introduction 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>NOL-100 is open to all Camden County College students and available both fall & spring semesters

## 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.

## 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.

## Contact Person

Judith Dunn, Nursing Coordinator  
(856) 227-7200, Ext. 4566

# NURSING *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 <b>or</b> <sup>2</sup>	
.....	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>	
CSC-101	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.

Students should check with the transferring institution of their choice.

<sup>1</sup>Suggested electives for basic skills students: Introduction to Health Care Professions ALH-100 OR Medical Terminology HIT-120. ALH-210, ALH-100 and HIT-120 may not transfer, please contact the transferring institution prior to selecting electives.

<sup>2</sup>Take ALH-210 and one three-credit General Education Elective or two 3-credit General Education Electives or one 4-credit General Education Elective

## Program Description

Students will learn the technical aspects of the medium as well as learning how to solve visual problems and communicate ideas through photographs. The program provides: basic black and white darkroom techniques; all phases of camera operations; studio experience; and experience with current digital imaging technology.

## Employment Opportunities

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

## Contact Person

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

# 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	3
HPE.....	Health & Exercise Science Elective	1
		<b>17/18</b>

### Highlights

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

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

## Program Description

This program is designed for students with a strong interest either in physics, engineering, or photonics. The credits in this program are transferable to four-year colleges for majors in physics and any branch of engineering.

## Program Information

This program provides an Associate Degree in physics that can be transferred to a four-year program in physics, Astronomy or any branch of engineering. The program can lead to higher education in photonics or optical sciences. With further training, this program allows the student to join the workforce in lasers, fiber optics, and optical communications.

## Special Course Requirement

Mathematics at the level of Intermediate Algebra (MTH-109) is a prerequisite for this program.

## Employment Opportunities

- Advanced physics
- Astronomy
- Material science
- Lasers
- Fiber optics
- Education

## Contact Person

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

### Highlights

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

# 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>	
CSC-101	Computer Literacy	3/4
MTH-140	Calculus I	4
.....	Social Sciences Elective <sup>2</sup>	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>	
CIS-206	Advanced Computer Concepts/Apps.	3/4
MTH-150	Calculus II	4
.....	Humanities Elective <sup>3</sup>	3
.....	Computer Programming Elective	3/4
HPE.....	Health & Exercise Science Elective	1
		<b>17/18/19</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
LFO-101	Introduction to Photonics & Photonics Safety	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 <sup>2</sup>	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.

<sup>2</sup>Those students interested in secondary education should take Basic Psychology (PSY-101) and Educational Psychology (PSY-103) for the two social science electives.

<sup>3</sup>Historical Trends in American Education (EDU-101) for the humanities elective.

## 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.

Chiropractors require keen observation to detect physical abnormalities. It also takes considerable manual dexterity, but not unusual strength or endurance to perform adjustments.

Chiropractors should be able to work independently and handle responsibility. As in other health-related occupations, empathy, understanding, and the desire to help others are good qualities for dealing effectively with patients.

## 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.

## Employment Opportunities

Newly licensed chiropractors can set up a new practice, purchase an established one, or enter into partnership with an established practitioner. They also may take a salaried position with an established chiropractor, a group practice, or a healthcare facility.

Job prospects are expected to be good for persons who enter the practice of chiropractic. Employment of chiropractors is expected to grow faster than the average for all occupation through the year 2012 as consumer demand for alternative healthcare grows. Median annual earnings of salaried chiropractors were \$65,330 in 2002. Source: 2004-2005 Occupational Outlook Handbook

## Contact Person

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

## Program Description

Prospective pharmacists should have scientific aptitude, good communication skills, and a desire to help others. They also must be conscientious and pay close attention to detail because the decisions they make affect human lives.

Very good employment opportunities are expected for pharmacists over the 2002-12 period because the number of degrees granted in pharmacy are expected to be less than the number of job openings created by employment growth and the need to replace pharmacists who retire or otherwise leave the occupation. Recently, enrollments in pharmacy programs are rising as more students are attracted by high salaries and good job prospects. Despite this increase in enrollments, pharmacist jobs should still be more numerous than those seeking employment.

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.

## Program Information

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

## Employment Opportunities

- Hospital pharmacy
- Pharmaceutical industry
- Retail pharmacy

## Contact

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

# LIBERAL ARTS AND SCIENCE

## *Pre-Pharmacy Option*

Degree: **Associate in Science**

College Code: **PPHAS**

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	4
HIS.....	History Elective	3
		<b>18</b>
<b>Second Semester</b>		
ENG-102	English Composition II	3
BIO-112	Biology II - Science	4
BIO-211	Anatomy & Physiology I	4
CHM-112	Chemistry II - Science	4
.....	Computer Programming Elective <sup>1</sup> <b>or</b>	
.....	Social Science Elective	3
		<b>18</b>
<b>Second Year/First Semester</b>		
BIO-212	Anatomy & Physiology II	4
CHM-221	Organic Chemistry I	4
PHY-101	Physics I	4
ENG.....	Literature Elective	3
HPE.....	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Semester</b>		
CHM-222	Organic Chemistry II	4
PHY-102	Physics II	4
PSY-101	Basic Psychology	3
ECO-101	Macroeconomics <b>or</b>	
ECO-102	Microeconomics <sup>2</sup>	3
HPE.....	Health & Exercise Science Elective	1
		<b>15</b>

<sup>1</sup> CSC-121 Structured Programming (C++) and CSC-161 Introduction to Java are transferable programming courses.

<sup>2</sup> Consult with Transfer Institution

## 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.

## 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.

## 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](mailto:wcurtis@camdencc.edu).

### Campus 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>

## 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.

## 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.

## Employment 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 Sally Ann Emilius, Coordinator  
 (856) 227-7200, Ext. 4968  
 TTY: (856) 374-5045  
 E-mail: semilius@camdencc.edu

# LIBERAL ARTS AND SCIENCE *Sign Language Studies Option*

Degree: **Associate in Arts**

College Code: **SLS.AA**

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	American Sign Language III	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.

## 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.

## 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

Professor Alvin Fischer, Coordinator  
(856) 227-7200, Ext. 4434  
E-mail: afischer@camdenc.edu

## Liberal Arts Requirements

<sup>1</sup> MTH-109 (Intermediate Algebra Extended) 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
BIO-140	Microbial World	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

# 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>

## 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.

## Program Information

This program:

- Enables students to gain presence, confidence and poise
- Enables students to develop their voices and creativity
- Prepares students for transfer into a BA or BFA program at a four-year institution
- Teaches the business of the theatre through hands-on opportunities
- Prepares students for producing student one-act plays
- Prepares students to produce a range of plays from Shakespeare to children's plays

## Employment Opportunities

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

## Contact Person

Professor Marjorie Sokoloff,  
(856) 227-7200, Ext. 4737  
E-mail: msokoloff@camdencc.edu

### 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.

# 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

## Program Description

The ability to speak clearly, eloquently, and effectively has been recognized as the hallmark of an educated person since the beginning of recorded history.

Modern day communication studies also stress the role of citizenship in a civil and democratic society. The 20<sup>th</sup> century has seen the field of speech and rhetoric grow to include communication in the workplace, in families, in mass media, and in advertising, to name a few. Contemporary students of communication draw on theories and practices common in the fields of: anthropology, psychology, sociology, linguistics, semiotics, and rhetoric. The study of communication today includes all forms of: interpersonal, small group, organizational, intercultural and international, and public and mass communication. The field of communication considers how people communicate as individuals, in society, and in various cultures.

## Program Information

Students:

- Explore interpersonal, small group, and public speaking forms of communication
- Focus on the dynamics of speech communications.

## Employment Opportunities

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

## Contact Persons

Professor William Long  
(856) 227-7200, Ext. 4259

E-mail: wlong@camdencc.edu

Professor Sara Jane Baxter  
(856) 227-7200, Ext. 4362

E-mail: sbaxter@camdencc.edu

Professor Karen Hamburg  
(856) 227-7200, Ext. 4325

E-mail: khamburg@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.

## Program Description

This fine arts degree in studio arts program prepares students for transfer into four-year art colleges as well as providing foundation art skills for those pursuing careers in the visual arts.

## Program Information

This program will:

- Provide students with a foundation in fine art
- Prepare students for further study in the arts
- Provide a concentration of course work appropriate for a studio artist
- Develop an understanding of aesthetics in order to evaluate the art product
- Ensure transferability of course work to four-year art colleges
- Prepare students to produce a portfolio of work

## Program Objectives

Upon successful completion of all course work, students will be able to:

- Demonstrate an understanding of vocabulary and analytical skills necessary to participate in a dialogue about an art work
- Create and present various solutions to solving visual problems
- Communicate effectively in a visual manner
- Demonstrate competency in drawing, design and their art specialization
- Identify the major art movements in the evolution of art
- Discuss current contemporary art in relation to their own art

## Contact Person

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

### STUDIO ELECTIVES

(Student may choose 4 classes from this list)

#### Photography Courses:

PHO 103 Photography I - AFA Majors  
PHO 104 Photography II - AFA Majors  
PHO 111 History of Photography  
PHO 224 Color Photography I  
PHO 227 Studio Photography - AFA Majors  
PHO 228 Non-Traditional Photography - AFA Majors  
PHO 229 Photography & Portraiture - AFA Majors

#### Sculpture Courses:

ART 143 Sculpture I - AFA Majors  
ART 144 Sculpture II - AFA Majors

#### Ceramic Courses:

ART 153 Ceramics and Pottery I - AFA Majors  
ART 154 Ceramics and Pottery II - AFA Majors  
ART 251 Ceramics and Pottery III

#### Painting/Drawing Courses:

ART 135 Life Drawing II  
ART 136 Watercolor  
ART 145 Painting I - AFA Majors  
ART 146 Painting II - AFA Majors

# Studio Art

Degree: **Associate of Fine Arts in Studio Art**

College Code: **STA.AFA**

Code	Course (lecture/lab)	Credits
<b>First Year/First Semester</b>		
ENG 101	English Composition I	3
ART 111	Art History I	3
ART 123	Basic Drawing I - AFA Majors	3
ART 165	Color Theory & Practice	3
ART 166	Design I – AFA Majors	3
HPE...	Health & Exercise Science Elective	1
		<b>16</b>
<b>First Year/Second Semester</b>		
ENG 102	English Composition II	3
ART 112	Art History II	3
ART 124	Basic Drawing II - AFA Majors	3
ART 167	Design II – AFA Majors	3
.....	Studio Elective	3
.....	Social Science Elective	3
		<b>18</b>
<b>Second Year/First Semester</b>		
ART 134	Life Drawing	3
ART 253	Art Seminar	3
PHO 230	Digital Photography - AFA Majors	3
.....	Studio Elective	3
.....	Literature Elective	3
HPE...	Health & Exercise Science Elective	1
		<b>16</b>
<b>Second Year/Second Semester</b>		
HIS...	History Elective	3
.....	Studio Electives (2)	6
.....	Humanities Elective	3
.....	Math or Science Elective	3/4
		<b>15/16</b>