

PROGRAMS OF STUDY

The College offers numerous curricula leading to the Associate in Arts (A.A.), Associate in Science (A.S.), and Associate in Applied Science (A.A.S.) degrees, as well as special Certificate programs, the requirements for which are listed in this section.

Programmatic requirements vary according to specific curricula. In planning a course of study, students should be guided by specific program requirements listed in this section.

LIBERAL ARTS AND SCIENCES

The College offers two degrees in Liberal Arts and Sciences which provide flexibility in planning a two-year academic program. The degrees are differentiated by the proportion of Liberal Arts and Sciences as mandated by law.

The Associate in Arts degree in Liberal Arts and Sciences: Humanities and Social Science devotes three-quarters of the coursework to the liberal arts and sciences.

Students pursuing an Associate in Arts degree may prepare for transfer to upper-division study in subject areas such as:

- | | |
|-------------------|---------------------------|
| Anthropology | History |
| Economics | Philosophy |
| English | Physical/Health Education |
| Finance | Political Science |
| Foreign Languages | Psychology |
| Geography | Sociology |

The Associate in Science degree in Liberal Arts and Science: Mathematics and Science devotes one-half of the coursework to the Liberal Arts and Sciences.

Students pursuing this degree may prepare for transfer to upper-division study in subject areas such as:

- | | |
|-------------|-------------------|
| Biology | Mathematics |
| Chemistry | Physics |
| Engineering | Physical Sciences |

ASSOCIATE IN ARTS PROGRAM, LIBERAL ARTS AND SCIENCES: Humanities and Social Science

(Hegis Code 5649)

Total Credits Required = 66

Course Requirements

- Language Arts
- English Composition6
- Literature3
- Communication Arts3
- Humanities
- Nine credits, from at least two different humanities departments and must include at least three credits in the fine and performing arts, no more than three credits in English, and no more than three credits in communications9
- Natural and Physical Sciences
- One course in laboratory science and one course in laboratory or non-laboratory science7-8
- Mathematics
- One course in mathematics and one course in mathematics or computer science6-8
- Social Science
- Four courses from at least three different social science departments and must include at least one course in history12
- Physical Education2
- Electives9-18
- Culture and Diversity6
- Two courses (6 credits) from two of the following three subcategories. Appropriate courses from other categories may be used to satisfy this two-course requirement. No course may be used to satisfy more than one of either a, b, c
 - a. Western Heritage
 - b. Global Awareness and Non-Western Cultures
 - c. Pluralism and Diversity

ASSOCIATE IN SCIENCE PROGRAM, LIBERAL ARTS AND SCIENCES: Mathematics and Science

(Hegis Code 5649)

Total Credits Required = 66

Course Requirements

- Mathematics
- Must be one of the following a two-course sequences: MAT 122-123 or MAT 111-122 (for students not placed into MAT 122)8
- Natural or Physical Science Sequence
- Must include at least one of the following two-course sequences: BIO 109-110, CHE 151-152, PHY 101-102, PHY 122-123, PHY 151-152 or AHS 131-1328
- Science or Mathematics Electives
- Any of the mathematics or science courses listed above except for MAT 111. Also, any of the following: BIO level 200 or higher, CHE level 201 or higher, PHY level 200 or higher, SCI 103, 104, 105, 106, 107, 108, 109, 110, 120, 150, 203, MAT 131, MAT level 200 or higher, CMP 21014-16
- English Composition6
- Humanities6
- Social Science6
- Physical Education2
- Electives0-13
- Other Liberal Arts15
- Appropriate courses from other categories may be used to satisfy this five-course (15 credits) requirement. No course may be used to satisfy more than one category in this section.
 - Fine and Performing Arts (3 cr.)
 - Literature (3 cr.)
 - Communication Arts (3 cr.)
 - Culture and Diversity (6 cr.) Two courses from two of the following three subcategories:
 - a. Western Heritage
 - b. Global Awareness and Non-Western Cultures
 - c. Pluralism and Diversity

Business: ACCOUNTING

A.S. Program (Hegis Code 5002)

Total Credits = 66-69**First Semester**

| | |
|---------------------------------------|------|
| ACC 101 Accounting I | .3 |
| ECO 207 Principles of Macroeconomics | .3 |
| ENG 101 Composition I | .3 |
| Mathematics Elective (except MKT 101) | .3-4 |
| Social Science Elective | .3 |
| 15-16 | |

Second Semester

| | |
|---------------------------------------|------|
| ACC 102 Accounting II | .3 |
| ECO 208 Principles of Microeconomics | .3 |
| ENG 102 Composition II | .3 |
| Mathematics Elective (except MKT 101) | .3-4 |
| Social Science Elective | .3 |
| HED Health Elective | .2-3 |
| 17-19 | |

Third Semester

| | |
|--|----|
| ACC 201 Intermediate Accounting I | .3 |
| LAW 103 Business Law I | .3 |
| CMP 115 Computers in Business | .3 |
| COM 103 Public Speaking or COM 101 Oral Communications | .3 |
| Laboratory Science Elective | .4 |
| PED Activity Course(s) | .1 |
| 17 | |

Fourth Semester

| | |
|------------------------------------|----|
| ACC 202 Intermediate Accounting II | .3 |
| LAW 104 Business Law II | .3 |
| Business Elective | .3 |
| Humanities Elective | .3 |
| Laboratory Science Elective | .4 |
| PED Activity Course(s) | .1 |
| 17 | |

Business: ACCOUNTING

A.A.S. Program (Hegis Code 5002)

Total Credits = 68-69**First Semester**

| | |
|----------------------------------|------|
| ACC 101 Accounting I | .3 |
| BUS 110 Introduction to Business | .3 |
| LAW 103 Business Law I | .3 |
| MKT 101 Business Math | .3 |
| ENG 101 Composition I | .3 |
| HED Health Elective | .2-3 |
| 17-18 | |

Second Semester

| | |
|--|----|
| ACC 102 Accounting II | .3 |
| LAW 104 Business Law II | .3 |
| MAT 102 Introduction to Statistics | .3 |
| COM 103 Public Speaking or COM 101 Oral Communications | .3 |
| Business Elective* | .3 |
| PED Activity Course(s) | .1 |
| 16 | |

Third Semester

| | |
|---------------------------------|----|
| ACC 203 Federal Income Tax | .3 |
| ACC 125 Computerized Accounting | .4 |
| ACC 208 Cost Accounting | .4 |
| Laboratory Science Elective | .4 |
| Social Science Elective | .3 |
| 18 | |

Fourth Semester

| | |
|-----------------------------------|----|
| ACC 206 Payroll Systems and Taxes | |
| CMP 105 Electronic Spreadsheets | .4 |
| OFT 245 Administrative Management | .3 |
| Humanities Elective | .3 |
| Social Science Elective | .3 |
| PED Activity Course(s) | .1 |
| 17 | |

*If student cannot type 20-25 words per minute OFT 100-Fundamentals of Keyboarding should be used as the Business Elective. Otherwise, suggested courses: OFT 244, MKT 100, CMP 115, BUS 116 or by advisement.

AFRICAN AMERICAN STUDIES

A.A. Program (Hegis Code 5622)

Total Credits = 66**First Semester**

| | |
|---|----|
| AFR 140 African American History I | .3 |
| AFR 185 African American Culture | .3 |
| AFR 110 African American Dance Ensemble or PED Activity Course(s) | .1 |
| Humanities Elective (as advised) | .3 |
| ENG 101 Composition I | .3 |
| Mathematics Elective | .3 |
| 16 | |

Second Semester

| | |
|---|----|
| AFR 141 African American History II | .3 |
| AFR 142 History of African Civilization | .3 |
| Humanities Elective (as advised) | .3 |
| ENG 102 Composition II | .3 |
| Mathematics Elective | .3 |
| HED 201 Personal and Family Health | .2 |
| 17 | |

Third Semester

| | |
|---------------------------------------|----|
| AFR 170 Black Social Philosophy | .3 |
| AFR 130 African American Literature I | .3 |
| Social Science Elective (as advised) | .3 |
| Elective (as advised) | .3 |
| Laboratory Science Elective | .4 |
| PED Activity Course(s) | .1 |
| 17 | |

Fourth Semester

| | |
|--|----|
| AFR 201 History of the Black Woman II | .3 |
| AFR 131 African American Literature II | .3 |
| AFR 203 Afro-Caribbean World | .3 |
| Social Science Elective (as advised) | .3 |
| Laboratory Science Elective | .4 |
| 16 | |

AMERICAN SIGN LANGUAGE

A.A. Program (Hegis Code 5599)

Total Credits = 66-69**First Semester**

| | |
|-----------------------------------|------|
| ASL 152 American Sign Language I* | .3 |
| COM 101 Oral Communications | .3 |
| ENG 101 Composition I | .3 |
| SOC 201 Introduction to Sociology | .3 |
| Mathematics Elective | .3-4 |
| PED Activity Course(s) | .1 |
| 16-17 | |

Second Semester

| | |
|---|------|
| ASL 153 American Sign Language II* | .3 |
| *ASL 226 Communications and Culture in the Deaf Community | .3 |
| ENG 102 Composition II | .3 |
| Mathematics Elective | .3-4 |
| Laboratory Science Elective | .4 |
| PED Activity Course(s) | .1 |
| 17-18 | |

Third Semester

| | |
|-------------------------------------|----|
| *ASL 252 American Sign Language III | .3 |
| COM 220 Communication and Language | .3 |
| English Elective** | .3 |
| Laboratory Science Elective | .4 |
| PSY 203 General Psychology I | .3 |
| 16 | |

Fourth Semester

| | |
|------------------------------------|------|
| *ASL 253 American Sign Language IV | .3 |
| HED Health Elective | .2-3 |
| Social Science Electives | .6 |
| General Electives*** | .6 |
| 17-18 | |

*These classes may not be offered every semester. ASL 252 and ASL 253 will be offered at least once a year.

*Placement by departmental advisement

** Recommended: ENG 226

*** Recommended general elective: COM 222

ART*

A.S. Program (Hegis Code 5610)

Total Credits = 66-69**First Semester**

| | |
|----------------------------------|----|
| ART 105 Principles of 2-D Design | .3 |
| ART 106 Principles of 3-D Design | .3 |
| Art History Elective | .3 |
| Laboratory Science Elective | .4 |
| English 101 Composition I | .3 |
| PED Activity Course(s) | .1 |
| 17 | |

Second Semester

| | |
|-------------------|----|
| ART 111 Drawing 1 | .3 |
| Art Electives | .6 |

| | |
|-----------------------------|---|
| Laboratory Science Elective | 4 |
| English 102 Composition II | 3 |
| PED Activity Course(s) | 1 |
| 17 | |

Third Semester

| | |
|-------------------------|-----|
| Art Electives | 6 |
| Humanities Elective | 3 |
| Mathematics Elective | 3-4 |
| Social Science Elective | 3 |
| HED Health Elective | 2-3 |
| 17-19 | |

Fourth Semester+

| | |
|-------------------------|-----|
| Art Electives | 6 |
| Humanities Elective | 3 |
| Mathematics Elective | 3-4 |
| Social Science Elective | 3 |
| 15-16 | |

+Option: Art Internship by referral as a 3 cr. Art elective.

* Please check with an Art Department Advisor for the advisement pattern that best suits your area of interest.

ART STUDIES

A.A. Program (Hegis Code 5610)

Total Credits = 66-68

First Semester

| | |
|-------------------------|-----|
| ART 105 2-D Design | 3 |
| ART 111 Drawing I | 3 |
| ENG 101 Composition I | 3 |
| Social Science Elective | 3 |
| Mathematics Elective | 3-4 |
| PED Activity Course(s) | 1 |
| 16-17 | |

Second Semester

| | |
|----------------------------------|-----|
| ART 106 3-D Design | 3 |
| ART 130 Microcomputer Graphics I | 3 |
| ENG 102 Composition II | 3 |
| Social Science Elective | 3 |
| Mathematics Elective | 3 |
| HED Health Elective | 2-3 |
| 17-18 | |

Third Semester

| | |
|-----------------------------|---|
| Art History Elective** | 3 |
| English Elective | 3 |
| Social Science Elective | 3 |
| Laboratory Science Elective | 4 |
| Humanities Elective | 3 |
| PED Activity Course(s) | 1 |
| 17 | |

Fourth Semester

| | |
|-----------------------------|---|
| Art Elective | 3 |
| English Elective | 3 |
| Humanities Elective | 3 |
| Social Science Elective | 3 |
| Laboratory Science Elective | 4 |
| 16 | |

** Choose from ART 201, 202, 203, 102, 103, 104 or 124

BUSINESS ADMINISTRATION

A.S. Program (Hegis Code 5004)

Total Credits = 66-69

First Semester

| | |
|---------------------------------------|-----|
| ACC 101 Accounting I | 3 |
| LAW 103 or LAW 104 Business* | |
| ENG 101 Composition I | 3 |
| Elective* | 3 |
| Mathematics Elective (except MKT 101) | 3-4 |
| PED Activity Course(s) | 1 |
| 16-17 | |

Second Semester

| | |
|--------------------------------------|-----|
| ECO 207 Principles of Macroeconomics | 3 |
| ACC 102 Accounting II | 3 |
| MKT 100 Marketing | 3 |
| ENG 102 Composition II | 3 |
| BUS 110 Introduction to Business | 3 |
| HED Health Elective | 2-3 |
| 17-18 | |

Third Semester

| | |
|--|-----|
| Mathematics Elective | 3-4 |
| CMP 115 Computers in Business | 3 |
| ECO 208 Principles of Microeconomics | 3 |
| COM 103 Public Speaking or COM 101 Oral Communications | 3 |
| Laboratory Science Elective | 4 |
| 16-17 | |

Fourth Semester

| | |
|----------------------------------|---|
| BUS 112 Principles of Management | 3 |
| Electives* | 6 |
| Humanities Elective | 3 |
| Laboratory Science Elective | 4 |
| PED Activity Course(s) | 1 |
| 17 | |

* Electives are selected in consultation with departmental advisor and are based on the student's future needs.

CIVIL ENGINEERING TECHNOLOGY

A.A.S. Program (Hegis Code 5309)

Total Credits = 67

First Semester

| | |
|---|---|
| CET 101 Construction Methods and Practices | 2 |
| CET 103 Introductory Civil Engineering Tech | 2 |
| CET 150 Blueprint Reading | 3 |
| ENS 105 Intro to CAD | 2 |
| ENG 101 Composition I | 3 |
| MAT 109 Algebra & Trigonometry | 4 |
| 16 | |

Second Semester

| | |
|---------------------------------|---|
| CET 111 Structural Drawing I | 2 |
| CET 201 Construction Estimating | 2 |
| CET 218 Statics of Structures | 3 |
| CET 231 Elementary Surveying | 3 |
| ENG 111 Technical Writing | 3 |

| | |
|----------------------|---|
| MAT 111 Pre-Calculus | 4 |
| 17 | |

Summer Session

| | |
|-------------------------|---|
| Social Science Elective | 3 |
|-------------------------|---|

Third Semester

| | |
|--------------------------------|---|
| CET 211 Structural Drawing II | 2 |
| CET 219 Mechanics of Materials | 3 |
| CET 222 Materials Testing Lab | 1 |
| CET 232 Route Surveying | 3 |
| COM 101 Oral Communications | 3 |
| PHY 101 General Physics I | 4 |
| PED Activity Course(s) | 1 |
| 17 | |

Fourth Semester

| | |
|---------------------------------|---|
| CET 223 Structural Steel Design | 3 |
| CET 225 Soils and Foundations | 3 |
| CET 240 Hydraulics | 3 |
| Social Science Elective | 3 |
| PHY 102 General Physics II | 4 |
| PED Activity Course(s) | 1 |
| 17 | |

COMMERCIAL ART: DIGITAL TECHNOLOGIES

A.A.S. Program (Hegis Code 5012)

Total Credits = 65-67

First Semester

| | |
|--|-----|
| ART 105 Principles of 2-D Design | 3 |
| ART 111 Drawing I or ART 125 Photography I | 3 |
| ART 130 Microcomputer Graphics I | 3 |
| ENG 101 Composition I | 3 |
| Mathematics Elective | 3-4 |
| PED Activity Course(s) | 1 |
| 16-17 | |

Second Semester

| | |
|-------------------------------|-----|
| ART 131 Electronic Imaging | 3 |
| ART 137 Computer Illustration | 3 |
| ART 140 Visual Communications | 3 |
| ENG 102 Composition II | 3 |
| HED Health Elective | 2-3 |
| Social Science Elective | 3 |
| 17-18 | |

Third Semester

| | |
|--|---|
| ART 133 Desktop Publishing and Computer Graphics | 3 |
| ART 138 3-D Microcomputer Graphics | 3 |
| ART 139 Multimedia Authoring | 3 |
| ART 239 Interactive Multimedia for the Web | 3 |
| Laboratory Science Elective | 4 |
| PED Activity Course(s) | 1 |
| 17 | |

Fourth Semester

| | |
|--|---|
| ART 237 2-D Computer Animation | 3 |
| ART 238 3-D Computer Animation | 3 |
| ART 240 Advanced Workshop Print/Multimedia | 3 |
| Social Science Elective | 3 |
| Humanities Elective | 3 |
| 15 | |

Note: It is suggested that students pursuing this degree program consult with an advisor in the Art Department. Some students may elect to pursue specific careers in computer graphics. An example of an option that emphasizes print design skills is listed below.

**Print Design Option
(four course substitutions):**

ART 108 Advertising Art, instead of ART 139 Multimedia Authoring, in the third semester. ART 114 Graphic Design, instead of ART 138 3-D Microcomputer Graphics, in the third semester. ART 107 Prepress for Commercial Artists, instead of ART 237 2-D Computer Animation, in the fourth semester. ART 113 Package Design, instead of ART 238 3-D Computer Animation, in the fourth semester.

COMMUNICATION ARTS

A.A. Program (Hegis Code 5008)

Total Credits = 66-69

First Semester

| | |
|-----------------------------|--------------|
| COM 101 Oral Communications | 3 |
| ENG 101 Composition I | 3 |
| Mathematics Elective | 3-4 |
| Social Science Elective | 3 |
| Humanities Elective* | 3 |
| PED Activity Course(s) | 1 |
| | 16-17 |

Second Semester

| | |
|--------------------------------|--------------|
| COM 103 Public Speaking | 3 |
| ENG 102 English Composition II | 3 |
| Mathematics Elective | 3-4 |
| Social Science Elective | 3 |
| Laboratory Science Elective | 4 |
| PED Activity Course(s) | 1 |
| | 17-18 |

Third Semester

| | |
|---|-----------|
| Two COM courses (to be selected from the options below**) | 6 |
| English Elective | 3 |
| Social Science Elective | 3 |
| Laboratory Science Elective | 4 |
| | 16 |

Fourth Semester

| | |
|--|--------------|
| One COM course (to be selected from options below**) | 3 |
| English or General Elective | 3 |
| Social Science Elective | 3 |
| Humanities Elective | 3 |
| General Elective | 3 |
| HED Health Elective | 2-3 |
| | 17-18 |

* Course other than Communications

** COM course options:

- COM 121**Small Group Communication
- COM 125**Effective Listening
- COM 220**Communication and Language
- COM 222**Nonverbal Communication
- COM 224**Intercultural Communication
- COM 119**Oral Interpretation
- COM 123**Argumentation and Debate
- COM 124**Communication for Business and the Professions

COMPUTER REPAIR TECHNOLOGY

A.A.S. Program (Hegis Code 5105)

Total Credits = 67-69

First Semester

| | |
|---|-----------|
| TCT 141 Telecommunications Circuits | 4 |
| CMP 103 Microcomputer Hardware and Software | 4 |
| ENG 101 Composition I | 3 |
| Mathematics Elective | 4 |
| PED Activity Course(s) | 1 |
| | 16 |

Second Semester

| | |
|---|--------------|
| TCT 144 Digital Electronics of Telecommunications | 4 |
| CMP 110 Data Communications and the Internet | 3 |
| COM 101 Oral Communications | 3 |
| Mathematics Elective | 3-4 |
| Social Science Elective | 3 |
| | 16-17 |

Third Semester

| | |
|---|--------------|
| CRT 201 Personal Computer Equipment Servicing I | 4 |
| Network Elective* | 4 |
| Laboratory Science (by advisement) | 4 |
| Social Science Elective | 3 |
| HED 201 or 251 | 2-3 |
| | 17-18 |

Fourth Semester

| | |
|--|-----------|
| CRT 202 Personal Computer Equipment Servicing II | 4 |
| Humanities Elective | 3 |
| Network Elective* | 4 |
| Technical Electives** | 6 |
| PED Activity Course(s) | 1 |
| | 18 |

* Network Electives include CMP 208 Network Management, CMP 209 Network Server Configuration, TCT 253 Telecommunications III-LANS, TCT 254 Telecommunications IV.

** Technical Electives include CMP courses, TCT courses

COMPUTER SCIENCE

A.S. Program (Hegis Code 5101)

Total Credits = 65-69

Students who do not qualify for MAT 122 and CMP 210 must seek advisement for MAT and CMP placement and should note that more than four semesters may be required to complete the degree program.

First Semester

| | |
|----------------------------|--------------|
| CMP 210 Computer Science I | 4 |
| MAT 122 Calculus I | 4 |
| ENG 101 Composition I | 3 |
| Social Science Elective | 3 |
| HED Health Elective* | 2-3 |
| | 16-17 |

Second Semester

| | |
|---|-----------|
| CMP 211 Computer Science II | 4 |
| MAT 241 Discrete Mathematical Functions | 3 |
| MAT 123 Calculus II | 4 |
| ENG 102 Composition II | 3 |
| Humanities Elective | 3 |
| | 17 |

Third Semester

| | |
|---|--------------|
| CMP 217 C Programming | 3 |
| CMP 251 Data Structures | 3 |
| CMP/MAT Elective** | 3-4 |
| Social Science Elective | 3 |
| PHY 151 Physics for Scientists and Mathematicians I | 4 |
| PED Activity Course(s) | 1 |
| | 17-18 |

Fourth Semester

| | |
|--|--------------|
| CMP 207 Assembling Language | 4 |
| CMP/MAT Elective** | 3-5 |
| PHY 152 Physics for Scientists and Mathematicians II | 4 |
| PED Activity Course(s) | 1 |
| Humanities Elective | 3 |
| | 15-17 |

* Any student who chooses the 2-credit HED 201 as his/her health elective must choose at least one four-credit elective elsewhere in the program, to ensure the graduation requirements of 66 total credits.

** CMP/MAT elective will be CMP 220, MAT 225, MAT 131, MAT 200 and MAT 235. MAT 234 and MAT 226 are also acceptable as CMP/MAT electives if students have the pre-requisites.

CRIMINAL JUSTICE

A.S. Program (Hegis Code 5505)

Total Credits = 66-69

Students pursuing the A.S. Degree in Criminal Justice are required to take CRJ 105, 212 & 225. Additionally, the student must take one course each from the following three areas of concentration: Policing, Probation/Parole/Corrections, and Private Security.

First Semester

| | |
|--|-----------|
| ENG 101 Composition I | 3 |
| SOC 201 Introduction to Sociology | 3 |
| CRJ 105 (req.) Foundations of the Justice System | 3 |
| CRJ Elective Police Area of Concentration | 3 |
| Laboratory Science Elective | 4 |
| | 16 |

Second Semester

| | |
|---|-----------|
| ENG 102 Composition II | 3 |
| PSY 203 General Psychology I | 3 |
| Criminal Justice Elective PSA Area of Concentration | 3 |
| Criminal Justice Elective | 3 |
| Laboratory Science Elective | 4 |
| PED Activity Course(s) | 1 |
| | 17 |

Third Semester

| | |
|----------------------------------|--------------|
| Mathematics Elective | 3-4 |
| CRJ 225 (req.) Criminal Law | 3 |
| CRJ Probation/Parole/Corrections | |
| Area of Concentration | 3 |
| Humanities Elective | 3 |
| Social Science Elective | 3 |
| PED Activity Course(s) | 1 |
| Total Credits | 16-17 |

Fourth Semester

| | |
|---|--------------|
| Mathematics Elective | 3-4 |
| CRJ 212 (req.) Research Problems in CRJ | 3 |
| Criminal Justice Elective | 3 |
| Humanities Elective | 3 |
| Social Science Elective | 3 |
| HED 200, 201, 251, | |
| 271 or 293 | 2-3 |
| Total Credits | 17-19 |

DESIGN (FASHION) APPAREL

A.A.S. Program (Hegis Code 5012)

Total Credits = 70-71

First Semester

| | |
|--------------------------------|-----------|
| APD 101 Draping and Design I* | 4 |
| APD 120 Garment Construction** | 3 |
| ART 135 Design Fundamentals | 3 |
| ENG 101 Composition I | 3 |
| Social Science Elective | 3 |
| PED Activity Course(s) | 1 |
| Total Credits | 17 |

Second Semester

| | |
|----------------------------------|--------------|
| APD 121 Fashion History | 3 |
| APD 102 Draping and Design II*** | 4 |
| APD 110 Flat Pattern Design I** | 2 |
| ART 136 Fashion Art Techniques I | 3 |
| RET 115 Textiles | 3 |
| HED Health Elective | 2-3 |
| Total Credits | 17-18 |

Third Semester

| | |
|-----------------------------------|-----------|
| APD 103 Draping & Design III*** | 4 |
| APD 111 Flat Pattern Design II*** | 2 |
| ART 235 Fashion Art Techniques II | 3 |
| Laboratory Science Elective | 4 |
| Social Science Elective | 3 |
| PED Activity Course(s) | 1 |
| Total Credits | 17 |

Fourth Semester

| | |
|------------------------------------|-----------|
| APD 104 Design Studio*** | 4 |
| APD 122 Apparel Design Seminar | 3 |
| ART 236 Fashion Art Techniques III | 3 |
| COM 101 Oral Communications | |
| ENG 102 Composition II | 3 |
| Mathematics Elective | 3-4 |
| Total Credits | 16 |

Summer

| | |
|-------------------------------|---|
| APD 142 | |
| Field Training Internship**** | 3 |

* Prerequisite or co-requisite and permission of instructor

** Permission of instructor

*** Prerequisite

**** Prerequisites and permission of instructor

ELECTRICAL ENGINEERING TECHNOLOGY

A.A.S. Program (Hegis Code 5310)

Total Credits = 68-70

First Semester

| | |
|----------------------------------|-----------|
| ELT 103 Elementary Engineering I | 1 |
| ELT 110 Technical Practices | 2 |
| ELT 112 Resistive Circuits | 4 |
| ENG 101 Composition I | 3 |
| Mathematics (by advisement)* | 4 |
| PED Activity Course(s) | 1 |
| Total Credits | 15 |

Second Semester

| | |
|------------------------------|-----------|
| ELT 113 Electronics I | 4 |
| ELT 115 Reactive Circuits | 4 |
| ELT 214 Digital I | 3 |
| Mathematics (by advisement)* | 4 |
| PED Activity Course(s) | 1 |
| Total Credits | 16 |

Summer

| | |
|-------------------------|----------|
| Social Science Elective | 3 |
| English Elective*** | 3 |
| Total Credits | 6 |

Third Semester

| | |
|------------------------------------|--------------|
| ELT 213 Electronics II | 4 |
| ELT 215 Digital II | 3 |
| ELT 217 Lab in Digital Electronics | 1 |
| Technical Elective by advisement** | 3-4 |
| COM 101 Oral Communications | 3 |
| Total Credits | 14-15 |

Fourth Semester

| | |
|---|--------------|
| ELT 310 Advanced Topics in Digital Technology | 4 |
| ELT 330 Electronic Communication | 4 |
| Technical Electives (by advisement)** | 6-7 |
| Social Science Elective | 3 |
| Total Credits | 17-18 |

* Math and technical electives are selected in consultation with departmental adviser and are based on the student's future needs (entering industry or continuing educational pursuits towards a Bachelor's degree in technology). There must be a minimum of 16 credits in math and sciences. Math selection is based on results of college Math placement exam; minimum requirement is MAT 109 and MAT 111.

** Technical electives and Physics include: PHY 101-102 ELT 203 Automatic Control Theory II.

*** ENG 111 Technical Writing course is recommended.

ENGINEERING SCIENCE

A.S. Program (Hegis Code 5609)

Total Credits = 69-71

First Semester

| | |
|--|--------------|
| ENS 101 Graphics* | 1 |
| ENS 103 Elementary Engineering I | 1 |
| PHY 122 Mechanics | 4 |
| CHE 151 Inorganic Chemistry I | 4 |
| MAT 122 Calculus I | 4 |
| ENG 101 Composition I | 3 |
| NCC 101 The College Experience (by advisement) | 1 |
| Total Credits | 17-18 |

Second Semester

| | |
|-----------------------------------|-----------|
| ENS 104 Elementary Engineering II | 2 |
| ENS 205 Statics | 3 |
| PHY 123 Waves, Fluids, Heat | 4 |
| CHE 152 Inorganic Chemistry II | 4 |
| MAT 123 Calculus II | 4 |
| PED Activity Course(s) | 1 |
| Total Credits | 18 |

Third Semester

| | |
|-----------------------------------|-----------|
| ENS 206 Dynamics | 3 |
| ENS 225 Circuit Analysis I | 4 |
| PHY 222 Electricity and Magnetism | 4 |
| MAT 225 Multivariable Calculus | 4 |
| ENG 102 Composition II | 3 |
| Total Credits | 18 |

Fourth Semester

| | |
|---|--------------|
| Technical Electives** | 6-7 |
| MAT 234 Elementary Differential Equations | 3 |
| ECO 208 Principles of Microeconomics | 3 |
| Elective*** | 3 |
| PED Activity Course(s) | 1 |
| Total Credits | 16-17 |

* ENS 105 available as per departmental approval.

** Engineering Technical Electives are selected based upon the student's intended Engineering major as follows: Electrical Engineering: ENS 226 Circuit Analysis II, PHY 223 Modern Physics and Lab; Mechanical/Civil: ENS 207 Mechanics of Materials, ENS 230 Engineering Thermodynamics; Chemical Engineering: This concentration must be declared before the first semester of attendance and requires a unique pattern with an emphasis on Chemistry.

*** This course should be taken in summer session to allow for a more complete selection of Engineering electives and a lighter load during the academic year.

Business: FASHION BUYING AND MERCHANDISING

A.A.S. Program (Hegis Code 5004)

Total Credits = 71-73

First Semester

| | |
|--|-----------|
| FBM 120 Introduction to the Fashion Industry | 3 |
| MKT 100 Marketing | 3 |
| RET 107 Principles of Retailing | 3 |
| ENG 101 Composition I | 3 |
| Social Science Elective* | 3 |
| PED Activity Course(s) | 1 |
| Total Credits | 16 |

Second Semester

Fashion Area Electives
(Choose two)**6-7
RET 119 Retail Buying3
MKT 103 Principles of Sales3
RET 115 Textiles3
PED Activity Course(s)1

16-17

Summer and/or Fifth Semester

COM 101 Oral Communications or
ENG 102 Composition II3
HED Health Elective2-3
Mathematics Elective3

8-9

Third Semester

FBM 130 Fashion and Home Accessories ..3
FBM 160 Seminar in Contemporary
Fashion Buying and Merchandising3
RET 111 Retail Merchandising or
MKT 101 Business Math (as advised)3
Business Area Elective***3
Laboratory Science Elective4

16

Fourth Semester****

FBM 142 Field Training3
FBM 110 Fashion Advertising3
RET 109 Visual Merchandising3
Humanities Elective (as advised)3
Social Science Elective (as advised)*3

15

* Social Science Electives include: PSY, SOC, HIS, and ECO. Day students should not elect ECO in the first semester.

** Fashion Area Electives include: FBM 121, FBM 125, FBM 140 or INT 101, FBM 150, APD 120, APD 121, INT 102, and INT 104.

*** Business Area Electives include: MKT, RET, FBM, APD, INT, BUS, CMP, OFT, LAW.

****Day students take these courses for one-half of the semester and are on cooperative training during the remaining half of the semester. Hours per week during school attendance are, therefore, doubled.

FOOD AND NUTRITION

A.S. Degree (Hegis Code 5404)

Total Credits = 66-70

First Semester

ENG 101 Composition I3
HTL 174 Fundamentals
of Food Production3
Math Elective*3-4
PSY 203 General Psychology I3
AHS 131 Anatomy and Physiology I4
PED Activity Elective(s)1

17-18

Second Semester

ENG 102 Composition II3
HTL 176 Advanced Food Production3
HTL 171 Food and

Beverage Operations I3
Social Science Elective3
AHS 132 Anatomy and Physiology II4
PED Activity Elective(s)1

17

Third Semester

BIO 115 Human Nutrition4
NTR 158 Social and Cultural
Aspects of Food3
CHE 131 General Chemistry I4
Humanities Elective*3
HED Health Elective2-3

16-17

Fourth Semester

HTL 172 Food Services
Cost Analysis3
Science Elective*3-4
Humanities Elective*3
CHE 132 General Chemistry II
or other Laboratory Science*4
Mathematics Elective*3-4

16-18

* Selections to be made according to future transfer goals.

**FOOD SERVICE ADMINISTRATION,
RESTAURANT MANAGEMENT**

A.A.S. Program (Hegis Code 5010)

Total Credits = 68-69

First Semester

HTL 161 Hospitality Management3
HTL 171 Food and Beverage
Operations3
HTL 175 Food and
Beverage Merchandising3
ENG 101 Composition I3
MKT 101 Business Math3
PED Activity Course(s)1

16

Second Semester

HTL 162 Hospitality Human Resources3
HTL 165 Facilities Planning and Design3
HTL 172 Food Services Cost Analysis3
HTL 174 Fundamentals
of Food Production3
Mathematics Elective3
PED Activity Course(s)1

16

Summer Session

HTL 242 Hospitality Internship3

Third Semester

HTL 176 Advanced Food
Production Techniques3
HTL 178 Event Planning3
ACC 101 Principles of Accounting I3
COM 101 Oral Communications3
HED Health Elective2-3
Social Science Elective3

17-18

Fourth Semester

HTL Elective*3
HTL 205 Food and Beverage

Operations Research Seminar3
Humanities Elective3
Laboratory Science Elective4
Social Science Elective3

16

* Choose from HTL 150 (Introduction to Tourism), HTL 155 (International Hospitality Industry), HTL 174 (Fundamentals of Food Production), HTL 180 (Front Office Management), HTL 190 (International Wines and Beverages), or MKT 100 (Marketing), or NTR 158 (Social and Cultural Aspects of Foods), NTR 195 (Nutrition Through the Life Cycle) or NTR 183 (Dietary Mgmt).

**HOTEL TECHNOLOGY
ADMINISTRATION**

A.A.S. Program (Hegis Code 5010)

Total Credits = 68-69

First Semester

HTL 161 Hospitality Management3
HTL 171 Food and Beverage
Operations3
HTL 175 Food and Beverage
Merchandising3
ENG 101 Composition I3
MKT 101 Business Math3
PED Activity Course(s)1

16

Second Semester

HTL 162 Hospitality Human
Resources3
HTL 165 Facilities Planning
and Design3
HTL 172 Food Services
Cost Analysis3
MKT 103 Principles of Sales3
Mathematics Elective (MAT 101
or MAT 102)3
PED Activity Course(s)1

16

Summer Session

HTL 242 Hospitality Internship3

Third Semester

HTL 178 Event Planning3
HTL 180 Front Office Management3
ACC 101 Principles of Accounting I3
COM 101 Oral Communications3
Social Science Elective3
HED Health Elective2-3

17-18

Fourth Semester

HTL Elective*3
HTL 200 Hotel Operations
Research Seminar3
Laboratory Science Elective4
Social Science Elective3
Humanities Elective3

16

* Choose from HTL 150 (Introduction to Tourism), HTL 155 (International Hospitality Industry), HTL 174 (Fundamentals of Food

Production), HTL 180 (Front Office Management), HTL 190 (International Wines and Beverages), or MKT 100 (Mgmt).

HUMAN SERVICES

A.A. Program (Hegis Code 5506)

Total Credits = 66-68

First Semester

| | |
|---|-----------|
| ENG 101 Composition I | 3 |
| SOC 201 Introduction to Sociology | 3 |
| PSY 203 General Psychology I | 3 |
| BIO 101 General Biology I | 4 |
| CSW 117 Introduction to Community Service | 3 |
| PED Activity Course(s) | 1 |
| | 17 |

Second Semester

| | |
|----------------------------------|--------------|
| ENG 102 Composition II | 3 |
| Fine/Perf Arts Elective* | 3 |
| Laboratory Science Elective | 3-4 |
| HIS 104 American History II | 3 |
| CSW 200 Community Service Skills | 3 |
| PED Activity Course(s) | 1 |
| | 16-17 |

Third Semester

| | |
|---|--------------|
| English Literature Elective | 3 |
| HED 271 Alcoholism, Addictions and Abusive Behavior | 3 |
| MAT/CMP Elective | 3-4 |
| Humanities Elective** | 3 |
| CSW 205 Community Service Internship | 3 |
| | 15-16 |

Fourth Semester

| | |
|------------------------------|-----------|
| Social Science Elective** | 3 |
| MAT 102 Statistics | 3 |
| Communications Elective | 3 |
| Humanities Elective** | 3 |
| Culture/Diversity Elective** | 6 |
| | 18 |

* NO "STUDIO" CLASSES

** Speak to advisor re: requirements of intended transfer institution

INFORMATION TECHNOLOGY

A.A.S. Program (Hegis Code 5101)

Total Credits = 67-70

First Semester

| | |
|---|--------------|
| ITE 101 Intro to Information Technology | 3 |
| CMP 104 Programming Logic and Problem Solving | 3 |
| NCC 101 The College Experience | 1 |
| Mathematics Elective (MAT 102 or higher) | 3-4 |
| ENG 101 Composition I | 3 |
| BUS/ACC Elective ² | 3 |
| | 16-17 |

Second Semester

| | |
|--------------------------|--|
| ITE 153 Operating System | |
|--------------------------|--|

| | |
|--|--------------|
| Management | 4 |
| ITE 154 Web Programming I | 3 |
| Mathematics Elective (MAT 102 or higher) | 3-4 |
| ENG 102 or COM 101 | 3 |
| Humanities Elective ⁴ | 3 |
| PED Activity Course(s) | 1 |
| | 17-18 |

Third Semester

| | |
|--|--------------|
| CMP 110 Data Communications and the Internet | 3 |
| CMP 208 Network Management | 4 |
| CMP 218 Java Programming | 4 |
| HED Health Elective | 2-3 |
| Social Science Elective ³ | 3 |
| PED Activity Course(s) | 1 |
| | 17-18 |

Fourth Semester

| | |
|--------------------------------------|-----------|
| CMP 252 Database Management | 4 |
| CMP Elective ¹ | 6 |
| Social Science Elective ³ | 3 |
| Laboratory Science | 4 |
| | 17 |

1. Computer Elective: Choose from CMP 209, CMP 214 (co-req CMP 252), ITE 254, CMP 490.

2. Business Electives: BUS 100, BUS 110, BUS 111, BUS 112, LAW 103, OFT 245 and ACC 101.

3. Choices of African American History (including AFR 185), Economics, Finance, Geography, History, Interdisciplinary Global Studies, Political Science, Psychology, Sociology.

4. Choice of Africana Studies (as listed in catalog) Art, Communications, English, Foreign Languages, Library, MDC 102, MDC 103, Music, Philosophy, Reading, Theatre/Dance.

INTERIOR DESIGN

A.A.S. Program (Hegis Code 5012)

Total Credits = 68-70

First Semester

| | |
|---|-----------|
| ENG 101 Composition I | 3 |
| INT 101 Interior Design Studio | 3 |
| INT 203 Presentation Techniques for Interior Designer | 3 |
| ENS 101 Graphics | 1 |
| INT 104 Color for Home Furnishings and Design | 3 |
| ART 111 Drawing | 3 |
| PED Activity Course(s) | 1 |
| | 17 |

Second Semester

| | |
|--|--------------|
| INT 102 History of Furnishing and Design | 3 |
| INT 105 Design Studio II | 3 |
| INT 201 Resources and Materials | 3 |
| Mathematics Elective | 3-4 |
| Social Sciences Elective | 3 |
| PED Activity Course(s) | 1 |
| | 16-17 |

Third Semester

| | |
|---------------------------------|--|
| INT 103 Trends in Furniture and | |
|---------------------------------|--|

| | |
|------------------------------------|--------------|
| Lighting Design | 3 |
| INT 301 Interior Design Studio III | 3 |
| ENS 105 Introduction to CAD | 2 |
| Social Sciences Elective | 3 |
| Laboratory Science Elective | 4 |
| HED Health Elective | 2-3 |
| | 17-18 |

Fourth Semester

| | |
|---|-----------|
| CET 107 Codes and Construction | 3 |
| INT 107 Professional Practices and Business Techniques | 3 |
| INT 401 Interior Design Studio IV | 3 |
| Humanities Elective | 3 |
| COM 101 Interpersonal Communication or ENG 102 Composition II | 3 |
| INT 142 Field Training | 3 |
| | 18 |

Business: LOGISTICS AND TRANSPORTATION MANAGEMENT

A.A.S. Program (Hegis Code 5011)

Total Credits = 67-68

First Semester

| | |
|---|--------------|
| LOG 101 Principles of Transportation and Logistics Management I | 3 |
| CMP Elective* | 3-4 |
| CMP 103 Microcomputer Hardware and Software | 4 |
| MAT 102 Introduction to Statistics | 3 |
| ENG 101 Composition I | 3 |
| | 16-17 |

Second Semester

| | |
|--|-----------|
| LOG 102 Principles of Transportation and Logistics Management II | 3 |
| LOG 106 Intermodal Transportation and Logistics in International Trade | 3 |
| MAT 109 or higher | 4 |
| STA 110 Introduction to Statistical Research Design | 3 |
| ENG 102 Composition II | 3 |
| PED Activity Course(s) | 1 |
| | 17 |

Third Semester

| | |
|--|-----------|
| LOG 103 Systems of Intermodal Transportation | 3 |
| LOG Elective | 3 |
| SCI 109 Environmental Science I | 4 |
| ECO 207 Principles of Macroeconomics | 3 |
| MAT 103 Applied Statistics | 3 |
| PED Activity Course(s) | 1 |
| | 17 |

Fourth Semester

| | |
|------------------------------------|-----------|
| LOG Electives | 6 |
| COM 101 Oral Communications | 3 |
| BUS 112 Principles of Management | 3 |
| Social Science Elective** | 3 |
| HED 201 Personal and Family Health | 2 |
| | 17 |

* CMP 105 is suggested

** POL 205 or 206 recommended

Business: MARKETING

A.A.S. Program (Hegis Code 5004)

Total Credits = 68-69

First Semester

| | |
|-------------------------------------|-----------|
| MKT 100 Marketing | .3 |
| MKT 101 Business Math or ACC 101 | .3 |
| MKT 103 Principles of Sales | .3 |
| LAW 103 Business Law I | .3 |
| ENG 101 Composition I | .3 |
| PED Activity Course(s) | .1 |
| | 16 |

Second Semester

| | |
|--|--------------|
| MKT 106 Principles of Advertising | .3 |
| RET 107 Principles of Retailing or MKT 112 Small Business Marketing | .3 |
| Marketing Elective* | .3 |
| COM 101 Oral Communications or ENG 102 | .3 |
| MAT 102 Introduction to Statistics | .3 |
| HED Health Elective | .2-3 |
| | 17-18 |

Third Semester

| | |
|----------------------------------|-----------|
| MKT 130 Marketing Research | .3 |
| Marketing Elective* | .3 |
| Business Administration Elective | .3 |
| Laboratory Science Elective | .4 |
| Social Science Elective | .3 |
| PED Activity Course(s) | .1 |
| | 17 |

Fourth Semester

| | |
|-------------------------------|-----------|
| MKT 136 Marketing Management | .3 |
| Business Area Electives** | .6 |
| CMP 115 Computers in Business | .3 |
| Social Science Elective | .3 |
| Humanities Elective | .3 |
| | 18 |

* Selection may be made from MKT 108, MKT 112, MKT 134, MKT 138, MKT 140, MKT 142, MKT 145, MKT 155.

** Selection may be made from Accounting, Law, Business Administration, Office Technology, Marketing, Retailing, Fashion Buying and Merchandising, CMP courses, Economics, Hotel or Restaurant Technology.

MATHEMATICS

A.S. Program (Hegis Code 5617)

Total Credits = 66-68

First Semester

| | |
|----------------------------|-----------|
| MAT 122 Calculus I* | .4 |
| CMP 210 Computer Science I | .4 |
| ENG 101 Composition I | .3 |
| Social Science Elective | .3 |
| Humanities Elective | .3 |
| | 17 |

Second Semester

| | |
|-------------------------------|----|
| MAT 123 Calculus II | .4 |
| MAT 241 Discrete Mathematical | |

| | |
|-------------------------|-----------|
| Structures | .3 |
| ENG 102 Composition II | .3 |
| Social Science Elective | .3 |
| Humanities Elective | .3 |
| | 16 |

Third Semester

| | |
|--|--------------|
| MAT 225 Multivariable Calculus | .4 |
| MAT 200 Foundations of Advanced Mathematics | .3 |
| PHY 151 Physics for Scientists and Mathematicians I | .4 |
| Elective** | .3 |
| HED Health Elective | .2-3 |
| PED Activity Course(s) | .1 |
| | 17-18 |

Fourth Semester

| | |
|---|--------------|
| MAT 226 Linear Algebra and Differential Equations | .5 |
| MAT 131 Probability with Statistical Inference | .3 |
| Elective ** | .3-4 |
| PHY 152 Physics for Scientists and Mathematicians II | .4 |
| PED Activity Course(s) | .1 |
| | 16-17 |

* Students who do not qualify for MAT 122 must seek advisement for math placement and should note that placement into any course below MAT 122 implies that more than four semesters will be required to complete the degree program.

** Any course offered by the College may be taken, but no math courses numbered MAT 122 or lower may be used.

MEDIA

A.A. Program (Hegis Code 5008)

Total Credits = 66-69

Students are advised to check with the Communications Department each semester before they register.

First Semester

| | |
|-------------------------------------|--------------|
| COM 103 Public Speaking | .3 |
| COM 110 Understanding Mass Media | .3 |
| ART 125 Photography I* | .3 |
| ENG 101 Composition I | .3 |
| Mathematics Elective | .3-4 |
| PED Activity Course(s) | .1 |
| | 16-17 |

Second Semester

| | |
|--|--------------|
| (Broadcast Production Group) COM 109 Television Journalism or COM 170 Radio Production or COM 171 Television Studio Production or COM 172 Video Field Production | .3 |
| ENG 102 Composition II | .3 |
| Mathematics Elective | .3-4 |
| Laboratory Science Elective | .4 |
| Social Science Elective | .3 |
| | 16-17 |

Third Semester (Media Studies Group)

| | |
|--|-----------|
| COM 113 Documentary Media or COM 210 Global Media | .3 |
| ENG 215 Journalism | .3 |
| Laboratory Science Elective | .4 |
| Humanities Elective** | .3 |
| Social Science Elective | .3 |
| PED Activity Course(s) | .1 |
| | 17 |

Fourth Semester (Film Studies Group)

| | |
|---|--------------|
| COM 104 Film Appreciation or COM 107 Film Production or COM 112 History of Film | .3 |
| Social Science Electives | .6 |
| General Electives *** | .6 |
| HED Health Elective | .2-3 |
| | 17-18 |

* Or other Art course by advisement.

** Course other than Communications.

*** Suggested electives include COM 201 (Voice and Diction), COM 290 (Media Practicum), CMP 100 (Computer Literacy), CMP 101 (Introduction to Programming), ENG 111 (Technical Writing), ENG 251 (Film and Literature), MKT 100 (Marketing), MKT 106 (Principles of Advertising), MKT 138 (Public Relations), THR 107 (Stagecraft), or ART 133 (Desktop Publishing and Computer Graphics).

MEDICAL LABORATORY TECHNOLOGY

A.A.S. Program (Hegis Code 5205)

Total Credits = 69

First Semester

| | |
|---|-----------|
| AHS 131 Anatomy and Physiology I | .4 |
| AHS 201 Clinical Hematology | .4 |
| CHE 131 General Chemistry I or CHE 151 Inorganic Chemistry I | .4 |
| ENG 101 Composition I | .3 |
| | 15 |

Second Semester

| | |
|---|-----------|
| AHS 132 Anatomy and Physiology II | .4 |
| AHS 205 Immunohematology | .4 |
| CHE 132 General Chemistry II or CHE 152 Inorganic Chemistry II | .4 |
| Social Science Elective | .3 |
| | 15 |

Summer Session

| | |
|-------------------------|----------|
| ENG 102 Composition II | .3 |
| Social Science Elective | .3 |
| Humanities Elective | .3 |
| | 9 |

Third Semester

| | |
|-------------------------------------|-----------|
| AHS 202 Medical Microbiology | .4 |
| AHS 203 Clinical Pathology | .3 |
| BIO 216 Parasitology | .4 |
| MAT 102 Introduction to Statistics* | .3 |
| | 14 |

Fourth Semester

AHS 206 Clinical Immunology3
AHS 209 Clinical Applications of
Medical Laboratory Science3
AHS 210 Clinical Internship I3
CHE 221 Clinical Chemistry
for Medical Technologists4
13

Summer Session

AHS 211 Clinical Internship II3

* or as advised.

MORTUARY SCIENCE

A.A.S. Program (Hegis Code 5299.20)

Total Credits = 71

First Semester

MSC 111 Funeral Orientation3
MSC 112 Public Health and
Sanitary Science3
CHE 135 Chemistry for
Applied Science4
SOC 201 Introduction to Sociology3
ENG 101 Composition I3
PED Activity Course(s)1
17

Second Semester

MSC 124 Anatomy for Embalmers I3
MSC 127 Funeral Home Management3
AHS 202 Medical Microbiology4
PSY 203 General Psychology I3
ENG 102 Composition II3
PED Activity Course(s)1
17

Third Semester

MSC 234 Mortuary Law and Ethics3
MSC 235 Anatomy for
Embalmers II ¹3
MSC 236 Embalming Theory I ¹3
MSC 237 Embalming
Laboratory I ^{2,6,7}1.5
MSC 238 Pathology ^{1,6}3
COM 103 Public Speaking3
Mathematics Elective3
19.5

Fourth Semester

MSC 241 Restorative Art ¹3
MSC 245 Funeral Directing
with Practicum5
MSC 247 Embalming Theory II2
MSC 248 Embalming
Laboratory II ^{3,6}1.5
MSC 249 Funeral Counseling ⁴3
CMP 115 Computers in Business3
17.5

- 1. Prerequisite: Anatomy for Embalmers I (MSC 124)
- 2. Prerequisite or co-requisite: (MSC 236)
- 3. Prerequisite or co-requisite: (MSC 247)

- 4. Prerequisite: PSY 203 (General Psychology I)
- 5. The Department recommends that students take 3-6 credits in summer semesters.
- 6. Students must provide their own transportation to off-campus field experiences.
- 7. Prerequisite: MSC 112

NOTE: A grade of "C" or better is required in all Mortuary Science (MSC) courses, Chemistry for Applied Science (CHE 135), and Medical Microbiology (AHS 202).

Performing Arts: MUSIC

A.A.S. Program (Hegis Code 5610)

Total Credits = 69-70

First Semester

MUS 000 Applied Music
Master Class**0
MUS 117 Elements of Music I*2
MUS 127 Keyboard Harmony I*2
MUS 137 Sight-Singing I2
Applied Music**2
Performing Organization**1
ENG 101 Composition I3
Social Science Elective3
15

Second Semester

MUS 000 Applied Music
Master Class**0
MUS 104 Introduction to
Music Literature3
MUS 118 Elements of Music II*2
MUS 128 Keyboard Harmony II*2
MUS 138 Sight-Singing II2
Applied Music**2
Performing Organization**1
ENG 102 Composition II3
15

Summer Session

Mathematics Elective3
Social Science Elective3
6

Third Semester

MUS 000 Applied Music
Master Class**0
MUS 217 Elements of Music III*2
MUS 227 Keyboard Harmony III*1
MUS 237 Sight-Singing III2
Music History Elective***3
Applied Music**2
Performing Organization**1
Laboratory Science Elective****4
PED Activity Course(s)1
16

Fourth Semester

MUS 000 Applied Music
Master Class**0
MUS 218 Elements of Music IV*2
MUS 228 Keyboard Harmony IV*1
MUS 238 Sight-Singing IV2
MUS History Elective***3

Applied Music**2
Performing Organization**1
PED Activity Course(s)1
HED Health Elective2-3
Humanities Elective3
17-18

* Co-requisites.

** Co-requisites: Appropriate performing organization is determined by instrument.

*** Students must complete two of the following courses: MUS 201 History of Western Music I, MUS 204 History of Western Music II, or MUS 208 History of Western Music III.

**** Recommended: GSS 106 Physics and Music

NURSING

A.S. Program (Hegis Code 5208.10)

Total Credits = 69-70

First Semester

NUR 101 Fundamentals of Nursing8.5
AHS 131 Anatomy and Physiology I4
ENG 101 Composition I or PSY 203
General Psychology I or MAT*3
15.5

Second Semester

NUR 105 Introduction to Medical/
Surgical Nursing8.5
AHS 132 Anatomy and Physiology II4
ENG 101 Composition I or PSY 203
General Psychology I or MAT*3
15.5

Summer Session

ENG 101 Composition I or PSY 203
General Psychology I or SOC 201
Introduction to Sociology or PSY 213
Child Development*3
Mathematics (MAT 100 or higher)*3
6

Third Semester

NUR 203 Comprehensive
Nursing Care I8.5
AHS 105 Integrated Basic Science or
AHS 202 Medical Microbiology*3-4
PSY 213 Child Development*3
Humanities Elective3
17.5-18.5

Fourth Semester

NUR 204 Comprehensive
Nursing Care II8.5
ENG 102 Composition II3
Humanities Elective3
14.5

* Beginning in Fall 2010, students in the Nursing Program will be required to take MAT 102, PSY 216, and AHS 202.

Business: OFFICE TECHNOLOGY ADMINISTRATIVE SUPPORT TECHNOLOGY

A.A.S. Program (Hegis Code 5005)

Total Credits = 66-67

First Semester

| | |
|---|---|
| OFT 102 College Keyboarding** | 3 |
| OFT 109 Word Processing Applications I*** | 3 |
| OFT 235 E-Commerce for Office Professionals | 3 |
| OFT 245 Administrative Management | 3 |
| ENG 101 Composition I | 3 |
| PED Activity Course(s) | 1 |
| 16 | |

Second Semester

| | |
|---|---|
| OFT 110 Word Processing Applications II | 3 |
| OFT 230 Web Page Formatting | 3 |
| OFT 244 Business Writing Elective* | 3 |
| Social Science Elective | 3 |
| PED Activity Course(s) | 1 |
| 17 | |

Third Semester

| | |
|--------------------------------------|---|
| OFT 107 Machine Transcription I** | 3 |
| OFT 105 Executive Workshop | 3 |
| OFT 207 Machine Transcription II *** | 3 |
| Laboratory Science Elective | 4 |
| Social Science Elective | 3 |
| 16 | |

Fourth Semester

| | |
|--|-----|
| OFT 120 Desktop Publishing | 3 |
| OFT 205 Executive Work/Study | 3 |
| OFT 119 Word Processing Applications III | 3 |
| Mathematics Elective | 3 |
| HED Health Elective | 2-3 |
| Humanities Elective | 3 |
| 17-18 | |

Business: OFFICE TECHNOLOGY-LEGAL

A.A.S. Program (Hegis Code 5005)

Total Credits = 66-67

First Semester

| | |
|---|---|
| OFT 102 College Keyboarding** | 3 |
| OFT 109 Word Processing Applications I*** | 3 |
| OFT 230 Web Page Formatting | 3 |
| OFT 245 Administrative Management | 3 |
| ENG 101 Composition I | 3 |
| PED Activity Course(s) | 1 |
| 16 | |

Second Semester

| | |
|---|---|
| OFT 107 Machine Transcription I** | 3 |
| OFT 110 Word Processing Applications II | 3 |
| OFT 127 Legal Office Procedures I | 3 |
| OFT 244 Business Writing Elective* | 3 |

| | |
|------------------------|---|
| PED Activity Course(s) | 1 |
| 17 | |

Third Semester

| | |
|--|---|
| OFT 119 Word Processing Applications III | 3 |
| OFT 128 Legal Office Procedures II | 3 |
| OFT 225 Legal Workshop | 3 |
| Laboratory Science Elective | 4 |
| Social Science Elective | 3 |
| 16 | |

Fourth Semester

| | |
|--------------------------------|-----|
| OFT 226 Legal Work/Study | 3 |
| Office Technology Elective**** | 3 |
| Humanities Elective | 3 |
| Social Science Elective | 3 |
| HED Health Elective | 2-3 |
| Mathematics Elective | 3 |
| 17-18 | |

Business: OFFICE TECHNOLOGY-MEDICAL

A.A.S. Program (Hegis Code 5005)

Total Credits = 66-68

First Semester

| | |
|---|---|
| OFT 102 College Keyboarding** | 3 |
| OFT 109 Word Processing Applications I*** | 3 |
| OFT 151 Medical Terminology | 3 |
| OFT 156 Medical Coding CPT | 3 |
| ENG 101 Composition I | 3 |
| PED Activity Course(s) | 1 |
| 16 | |

Second Semester

| | |
|---|---|
| OFT 110 Word Processing Applications II | 3 |
| OFT 142 Medical Transcription I** | 3 |
| OFT 152 Medical Transcription II*** | 3 |
| OFT 244 Business Writing Elective* | 3 |
| PED Activity Course(s) | 1 |
| 17 | |

Third Semester

| | |
|--|---|
| OFT 119 Word Processing Applications III | 3 |
| OFT 157 Medical Coding ICD | 3 |
| OFT 254 Medical Workshop | 3 |
| AHS 225 Medical Concepts and Techniques | 4 |
| Social Science Elective | 3 |
| 16 | |

Fourth Semester

| | |
|--------------------------------|-----|
| OFT 255 Medical Work/Study | 3 |
| Social Science Elective | 3 |
| Mathematics Elective | 3-4 |
| HED Health Elective | 2-3 |
| Office Technology Elective**** | 3 |
| Humanities Elective | 3 |
| 17-19 | |

* Choose from Composition II (ENG 102), English Grammar (ENG 105), or Oral Communications (COM 101)

** First half of semester

*** Second half of semester

**** Office Technology Elective: Choose from OFT 120 (Desktop Publishing), OFT 230 (Web Page Formatting), OFT 235 (E-Commerce), or OFT 240 (Formatting Business Presentations)

PARALEGAL

A.A.S. PROGRAM (Hegis Code 5099)

Total Credits = 65-67

Students who have an Associate or Baccalaureate degree should see information about the Paralegal Studies Certificate Program in this catalog. Because of the complexity of the program, students must be advised by the Paralegal Department. A minimum grade of "C" is required in all LAW courses.

First Semester

| | |
|--|-----|
| ACC 101 Principles of Accounting I | 3 |
| ENG 101 Composition I | 3 |
| LAW 103 Business Law I | 3 |
| LAW 300 Introduction to Law and the Legal System | 3 |
| Math Elective | 3-4 |
| PED Activity Course(s) | 1 |
| 16-17 | |

Second Semester

| | |
|-------------------------------------|---|
| ENG 102 Composition II | 3 |
| Laboratory Science Elective | 4 |
| LAW 104 Business Law II | 3 |
| LAW 305 Legal Research and Writing* | 3 |
| LAW 309 Law Office Management | 3 |
| PED Activity Course(s) | 1 |
| 17 | |

Third Semester

| | |
|-------------------------|-----|
| LAW 301 Litigation | 3 |
| LAW 304 Real Property | 3 |
| Paralegal Elective** | 6 |
| Social Science Elective | 3 |
| HED Health Elective | 2-3 |
| 17-18 | |

Fourth Semester

| | |
|--|---|
| LAW 306 Practicum | 3 |
| Paralegal Electives** (Select two courses) | 6 |
| Social Science Elective | 3 |
| Humanities Elective | 3 |
| 15 | |

* LAW 305 is a required paralegal course and is a prerequisite for most Paralegal specialty courses.

** Paralegal Electives: LAW 302 Partnerships and Corporations, LAW 303 Estates and Administration, LAW 307 Torts and Investigation, LAW 308 Family Law, LAW 310 Bankruptcy/Debtor-Creditor Law, LAW 311 Legal Writing and Analysis, LAW 312 Elder Law.

PHOTOGRAPHY

A.S. Program (Hegis Code 5007)

Total Credits = 66-69

First Semester

| | |
|--|--------------|
| ART 105 Principles of 2-Dimensional Design | .3 |
| ART 125 Photography I | .3 |
| ART 124 History of Photography | .3 |
| ART 131 Electronic Imaging | .3 |
| Mathematics Elective | .3-4 |
| PED Activity Course(s) | .1 |
| | 16-17 |

Second Semester

| | |
|---------------------------|--------------|
| ART 225 Photography II | .3 |
| ART 230 Color Photography | .3 |
| Humanities Elective | .3 |
| English 101 | .3 |
| Mathematics Elective | .3-4 |
| HED Health Elective | .2-3 |
| | 17-19 |

Third Semester

| | |
|---------------------------------------|-----------|
| ART 231 New Technology in Photography | .3 |
| ART Photography Elective | .3 |
| English 102 | .3 |
| Social Science Elective | .3 |
| Lab Science Elective | .4 |
| PED Activity Course(s) | .1 |
| | 17 |

Fourth Semester

| | |
|-----------------------------|-----------|
| ART Photography Elective | .3 |
| ART Photography Elective | .3 |
| Humanities Elective* | .3 |
| Laboratory Science Elective | .4 |
| Social Science Elective | .3 |
| | 16 |

* Recommended: ART 111 Drawing I, ART 109 Printmaking I, or ART 142 Art Internship (by referral).

Photography Electives, please select 3 courses: ART 226 Experimental Photography, ART 227 Studio Photography, ART 228 Photojournalism, ART 229 View Camera, ART 142 Internship in Photography (by referral).

PHYSICAL THERAPIST ASSISTANT

A.A.S. Program (Hegis Code 5219)

Total Credits = 66-67

Summer Session

| | |
|------------------------------------|----------|
| (Prior to First Semester-16 hr/wk) | |
| ENG 101 Composition I | .3 |
| Humanities Elective | .3 |
| | 6 |

Fall Semester (1st Year-27 hr/wk)

| | |
|--|-----------|
| AHS 151 Physical Therapist Assistant I | .4 |
| AHS 234 Kinesiology | .4 |
| AHS 101 Introduction to AHS | .3 |
| AHS 131 Anatomy and Physiology I | .4 |
| | 15 |

Spring Semester

| | |
|-------------------------------------|-----------|
| (1st Year-26 hr/wk) | |
| AHS 152 Physical Therapist Asst. II | .7 |
| AHS 132 Anatomy and Physiology II | .4 |
| PSY 203 General Psychology | .3 |
| PED Activity Course(s) | .1 |
| | 15 |

Summer Session (16 hr/wk)

| | |
|---|----|
| AHS 154 Physical Therapist Assistant IV | .3 |
|---|----|

Fall Semester

| | |
|--|--------------|
| (2nd Year-31-32 hr/wk) | |
| AHS 155 Physical Therapist Assistant V | .4 |
| AHS 153 Physical Therapist Assistant III | .3 |
| ENG 102 Composition II | .3 |
| Mathematics (as advised) | .3-4 |
| PED Activity Course(s) | .1 |
| | 14-15 |

Spring Semester

| | |
|--|----------|
| (2nd Yr., 1st Half - 26 hr/wk) | |
| AHS 156 Physical Therapist Assistant VI | .4 |
| SPS 201 Perspectives on People with Disabilities | .3 |
| | 7 |

Spring Semester

| | |
|---|----------|
| (2nd Yr., 2nd Half - 40 hr/wk) | |
| AHS 157 Physical Therapist Assistant VII | .3 |
| AHS 158 Physical Therapist Assistant VIII | .3 |
| | 6 |

NOTE: Either PED 292 (Safety and First Aid, 3 credits) and AHS 100 (CPR and Basic Cardiac Life Support, 1 credit) or Responding to Emergencies offered by the American Red Cross and CPR for Allied Health Professionals offered by the American Heart Association. Must be completed as part of this program.

RADIATION THERAPY TECHNOLOGY

A.A.S. Program (Hegis Code 5207)

Total Credits = 78-79

Summer Session

| | |
|----------------------------------|----------|
| (Prior to First Semester) | |
| ENG 101 Composition I | .3 |
| MAT 109 Algebra and Trigonometry | .4 |
| | 7 |

First Semester

| | |
|--|-----------|
| AHS 101 Introduction to Allied Health Sciences | .3 |
| AHS 131 Anatomy and Physiology I | .4 |
| AHS 180 Treatment Techniques | .1 |
| AHS 181 Radiographic/Topographic Anatomy | .1 |
| AHS 182 Quality Assurance | .1 |
| AHS 261 Radiation Therapy Lecture I | .3 |
| AHS 262 Radiation Therapy Clinic I | .2 |
| | 15 |

Second Semester

| | |
|--|-----------|
| AHS 132 Anatomy and Physiology II | .4 |
| AHS 168 Introduction to Treatment Planning | .3 |
| AHS 263 Radiation Therapy Lecture II | .3 |
| AHS 264 Radiation Therapy Clinic II | .2 |
| ENG 102 Composition II | .3 |
| | 15 |

Summer Session

| | |
|--------------------------------------|----|
| AHS 265 Radiation Therapy Clinic III | .5 |
|--------------------------------------|----|

Third Semester

| | |
|---------------------------------------|-----------|
| AHS 133 Radiation Biology | .3 |
| AHS 134 Applied Radiation Physics I | .3 |
| AHS 266 Radiation Therapy Lecture III | .3 |
| AHS 267 Radiation Therapy Clinic IV | .3 |
| PSY 203 General Psychology I | .3 |
| PED Activity Course(s) | .1 |
| | 16 |

Fourth Semester

| | |
|--------------------------------------|-----------|
| AHS 268 Radiation Therapy Lecture IV | .3 |
| AHS 269 Radiation Therapy Clinic V | .3 |
| AHS 135 Applied Radiation Physics II | .3 |
| Social Science Elective | .3 |
| Humanities Elective | .3 |
| PED Activity Course(s) | .1 |
| | 16 |

Summer Session

| | |
|-------------------------------------|----|
| AHS 270 Radiation Therapy Clinic VI | .5 |
|-------------------------------------|----|

RADIOLOGIC TECHNOLOGY

A.A.S. Program (Hegis Code 5207)

Total Credits = 75-76

Summer Session (Prior to First Semester)

| | |
|-----------------------|------------|
| ENG 101 Composition I | .3 |
| Mathematics Elective | .3-4 |
| | 6-7 |

First Semester

| | |
|--|-----------|
| AHS 101 Introduction to Allied Health Sciences | .3 |
| AHS 131 Anatomy and Physiology I | .4 |
| AHS 240 Radiologic Technology I Lecture | .3 |
| AHS 241 Radiologic Technology I Lab/Clinic | .5 |
| | 15 |

Second Semester

| | |
|---|-----------|
| AHS 132 Anatomy and Physiology II | .4 |
| AHS 242 Radiologic Technology II Lecture | .3 |
| AHS 243 Radiologic Technology II Lab/Clinic | .5 |
| ENG 102 Composition II | .3 |
| | 15 |

Summer Session

| | |
|--|----|
| AHS 244 Radiologic Technology III Clinic | .5 |
|--|----|

Third Semester

| | |
|------------------------------|----|
| PSY 203 General Psychology I | .3 |
|------------------------------|----|

| | |
|---|---|
| AHS 245 Radiologic Technology IV Lecture | 3 |
| AHS 246 Radiologic Technology IV Lab/Clinic | 6 |
| PED Activity Course(s) | 1 |
| 13 | |

Fourth Semester

| | |
|--|---|
| AHS 247 Radiologic Technology V Lecture | 3 |
| AHS 248 Radiologic Technology V Lab/Clinic | 6 |
| Humanities Elective | 3 |
| Social Science Elective | 3 |
| PED Activity Course(s) | 1 |
| 16 | |

Summer Session

| | |
|---|---|
| AHS 249 Radiologic Technology VI Clinic | 5 |
|---|---|

RESPIRATORY CARE

A.A.S. Program (Hegis Code 5215)

Total Credits = 76-77

Summer Session

| | |
|---------------------------|-----|
| (Prior to First Semester) | |
| MAT Elective (as advised) | 3-4 |
| ENG 101 Composition I | 3 |
| 6-7 | |

First Semester

| | |
|--|---|
| AHS 101 Introduction to Allied Health Sciences | 3 |
| AHS 111 Respiratory Care I Lecture | 3 |
| AHS 131 Anatomy and Physiology I | 4 |
| AHS 311 Respiratory Care I Laboratory | 3 |
| CHE 131 General Chemistry I | 4 |
| 17 | |

Second Semester

| | |
|--|---|
| AHS 104 Fundamentals of Pharmacology and Therapeutics for Respiratory Care | 3 |
| AHS 112 Respiratory Care II Lecture | 3 |
| AHS 132 Anatomy and Physiology II | 4 |
| AHS 312 Respiratory Care II Laboratory | 3 |
| CHE 132 General Chemistry II | 4 |
| 17 | |

Summer Session I

| | |
|---|---|
| AHS 313 Respiratory Care III Laboratory | 2 |
| PED Activity Course(s) | 1 |
| 3 | |

Summer Session II

| | |
|--|---|
| AHS 212 Respiratory Care Summer Clinical I | 2 |
|--|---|

Third Semester

| | |
|--|---|
| AHS 113 Respiratory Care III Lecture | 2 |
| AHS 202 Medical Microbiology | 4 |
| AHS 314 Respiratory Care IV Laboratory | 2 |
| AHS 413 Respiratory Care Clinical II | 2 |
| SOC 201 Introduction to Sociology | 3 |
| ENG 102 Composition II | 3 |
| 16 | |

Fourth Semester

| | |
|---------------------------------------|---|
| AHS 114 Respiratory Care IV Lecture | 2 |
| AHS 214 Respiratory Care Clinical IV | 2 |
| AHS 414 Respiratory Care Clinical III | 4 |
| PSY 203 General Psychology I | 3 |
| Humanities Elective | 3 |
| PED Activity Course(s) | 1 |
| 15 | |

Business: RETAIL BUSINESS MANAGEMENT

A.A.S. Program (Hegis Code 5004)

Total Credits = 66-67

First Semester

| | |
|---|---|
| RET 107 Principles of Retailing | 3 |
| MKT 100 Marketing | 3 |
| MKT 103 Principles of Sales | 3 |
| NCC 101 College Experience ¹ | 1 |
| ENG 101 Composition I | 3 |
| Social Science Elective | 3 |
| 16 | |

Second Semester

| | |
|--|---|
| MKT 101 Business Math or RET 111 Retail Merchandising (as advised) | 3 |
| MKT 145 Consumer Motivation and Buying Behavior | 3 |
| MKT 160 Customer Service | 3 |
| CMP 115 Computers in Business | 3 |
| COM 101 Oral Communications or ENG 102 Composition II | 3 |
| PED Activity Course ² | 1 |
| 16 | |

Summer Session

| | |
|----------------------|---|
| Mathematics Elective | 3 |
|----------------------|---|

Third Semester

| | |
|-------------------------------------|---|
| RET 142 Field Training ³ | 3 |
| RET 109 Visual Merchandising | 3 |
| BUS Elective ⁴ | 3 |
| Humanities Elective | 3 |
| Social Science Elective | 3 |
| PED Activity Course(s) ² | 1 |
| 16 | |

Fourth Semester

| | |
|-----------------------------------|-----|
| HED Health Elective ⁵ | 2-3 |
| Science Elective Laboratory | 4 |
| MKT 106 Principles of Advertising | 3 |
| MKT 112 Small Business Marketing | 3 |
| BUS Elective ⁶ | 3 |
| 15-16 | |

1. For all students who are required to take two or more remedials.
2. Day students only. One-half credit of PED Activity Course is required for each full time Day semester. (Maximum of 2 credits)
3. Internship - as advised both day and evening students.
4. Business electives as advised.
5. Recommended Health Electives option include: HED 200, 201, 231, 251, 271, 293.
6. Business electives as advised.

SURGICAL TECHNOLOGY

A.A.S. Program (Hegis Code 5211)

Total Credits = 71

Summer Session (Prior to First Semester)

| | |
|-----------------------------|---|
| ENG 101 Composition I | 3 |
| COM 101 Oral Communications | 3 |
| 6 | |

First Semester

| | |
|--|---|
| AHS 101 Introduction to Allied Health Sciences | 3 |
| AHS 121 Surgical Technology I | 5 |
| Mathematics Elective | 3 |
| AHS 131 Anatomy and Physiology I | 4 |
| PED Activity Course(s) | 1 |
| 16 | |

Second Semester

| | |
|--------------------------------------|---|
| AHS 103 Fundamentals of Pharmacology | 3 |
| AHS 122 Surgical Technology II | 6 |
| AHS 132 Anatomy and Physiology II | 4 |
| ENG 102 Composition II | 3 |
| PED Activity Course(s) | 1 |
| 17 | |

Summer Session

| | |
|------------------------------|---|
| AHS 202 Medical Microbiology | 4 |
|------------------------------|---|

Third Semester

| | |
|-----------------------------------|---|
| AHS 123 Surgical Technology III | 8 |
| PSY 203 General Psychology I | 3 |
| SOC 201 Introduction to Sociology | 3 |
| 14 | |

Fourth Semester

| | |
|-------------------------------------|---|
| AHS 124 Surgical Technology IV | 8 |
| Elective (as advised) | 3 |
| Elective in Psychology or Sociology | 3 |
| 14 | |

Liberal Arts and Sciences: EARLY CHILDHOOD EDUCATION TEACHER EDUCATION TRANSFER

A.A. Program (Hegis Code 5649)

Total Credits = 64-67

First Semester

| | |
|--|---|
| ENG 101 Composition I | 3 |
| PSY 203 General Psychology I | 3 |
| MAT 102 Introduction to Statistics | 3 |
| BIO 101 General Biology I | 4 |
| Foreign Language I or American Sign Language I | 3 |
| PED Activity Course(s) | 1 |
| 17 | |

Second Semester

| | |
|--|---|
| ENG 102 Composition II | 3 |
| PSY 213 Child Development | 3 |
| Foreign Language II or American Sign Language II | 3 |
| Laboratory Science Elective* | 4 |
| Mathematics Elective** | 3 |

| | |
|----------------------------------|-----------|
| PED Activity Course(s) | 1 |
| | 17 |

Third Semester

| | |
|--|---|
| EDU 208 Foundations of Education | 3 |
| SUNY General Education - The Arts*** | 3 |
| HIS 103 History of the United States I or HIS 104 History of the United States II | 3 |

MAJOR/CONCENTRATION ELECTIVE

| | |
|---|---|
| <u>History Major/Concentration:</u> HIS 103 History of the United States I or HIS 104 History of the United States II | 3 |
|---|---|

MAJOR/CONCENTRATION ELECTIVE

| | |
|---|---|
| <u>History Major/Concentration:</u> HIS 125 Role of Women in American History or HIS 130 Ethnic Groups in American History <u>English Major/Concentration:</u> ENG 314 Studies in Children's Literature | 3 |
| English Literature Elective**** | 3 |

18

Fourth Semester

| | |
|---|---|
| EDU 235 / PSY 235 Psychology of the Exceptional Child | 3 |
| HIS 101 History of Western Civilization I or HIS 102 History of Western Civilization II | 3 |
| English Literature Elective**** | 3 |
| Education or Major/Concentration Elective*** | 3 |
| SUNY General Education-Other World Civilization*** | 3 |

15

NOTE: For transfer to a SUNY College, check courses approved as meeting SUNY General Education Requirements.

* choose from CHE 107, PHY 101, PHY 120, SCI 103, SCI 104, SCI 105 or SCI 106 : see Teacher Education Coordinator

** choose from MAT 101 or MAT 114: see Teacher Education Coordinator

*** see Teacher Education Coordinator

**** choose one from ENG 203 or ENG 204 and choose one from ENG 205 or ENG 206

(all major/concentrations must take two English literature courses)

**Liberal Arts and Sciences:
CHILDHOOD EDUCATION
TEACHER EDUCATION TRANSFER**

A.A. Program (Hegis Code 5649)

Total Credits = 64-67

First Semester

| | |
|---|---|
| ENG 101 Composition I | 3 |
| PSY 203 General Psychology I | 3 |
| MAT 102 Introduction to Statistics | 3 |
| BIO 101 General Biology I | 4 |
| Foreign Language I or American Sign Language I | 3 |
| PED Activity Course(s) | 1 |

17

Second Semester

| | |
|---|---|
| ENG 102 Composition II | 3 |
| PSY 213 Child Development | 3 |
| Foreign Language II or American Sign Language II | 3 |
| Laboratory Science Elective* | 4 |
| Mathematics Elective** | 3 |
| PED Activity Course(s) | 1 |

17

Third Semester

| | |
|--|---|
| EDU 208 Foundations of Education | 3 |
| SUNY General Education - The Arts*** | 3 |
| HIS 103 History of the United States I or HIS 104 History of the United States II | 3 |

MAJOR/CONCENTRATION ELECTIVE

| | |
|---|---|
| <u>History Major/Concentration:</u> HIS 103 History of the United States I or HIS 104 History of the United States II | 3 |
|---|---|

MAJOR/CONCENTRATION ELECTIVE

| | |
|---|---|
| <u>History Major/Concentration:</u> HIS 125 Role of Women in American History or HIS 130 Ethnic Groups in American History <u>English Major/Concentration:</u> ENG 314 Studies in Children's Literature | 3 |
| English Literature Elective**** | 3 |

18

Fourth Semester

| | |
|--|---|
| EDU 235/PSY 235 Psychology of the Exceptional Child | 3 |
| HIS 101 History of Western Civilization I or HIS 102 History of Western Civilization II | 3 |
| English Literature Elective**** | 3 |
| Education or Major/Concentration Elective*** | 3 |
| SUNY General Education-Other World Civilization*** | 3 |

15

NOTE: For transfer to a SUNY College, check courses approved as meeting SUNY General Education Requirements.

* choose from CHE 107, PHY 101, PHY 120, SCI 103, SCI 104, SCI 105 or SCI 106 : see Teacher Education Coordinator

** choose from MAT 101 or MAT 114: see Teacher Education Coordinator

*** see Teacher Education Coordinator

**** choose one from ENG 203 or ENG 204 and choose one from ENG 205 or ENG 206

(all major/concentrations must take two English literature courses)

**Liberal Arts and Sciences:
ADOLESCENCE EDUCATION
TEACHER EDUCATION TRANSFER**

A.A. Program (Hegis Code 5649)

Total Credits = 64-67

First Semester

| | |
|--|---|
| ENG 101 English Composition I | 3 |
| PSY 203 General Psychology I | 3 |
| MAT 102 Introduction to Statistics | 3 |
| BIO 101 General Biology I | 4 |

| | |
|---|---|
| Foreign Language I or American Sign Language I | 3 |
|---|---|

16

Second Semester

| | |
|---|---|
| ENG 102 English Composition II | 3 |
| PSY 212 Adolescent Development | 3 |
| Foreign Language II or American Sign Language II | 3 |
| Laboratory Science Elective* | 4 |
| Mathematics Elective** | 3 |
| PED Activity Course(s) | 1 |

17

Third Semester

| | |
|--|---|
| EDU 208 Foundations of Education | 3 |
| SUNY General Education - The Arts*** | 3 |
| HIS 103 History of the United States I or HIS 104 History of the United States II | 3 |
| ENG 203 Early American Literature to 1865 or ENG 204 Modern American Literature from 1865 to Present | 3 |

MAJOR/CONCENTRATION ELECTIVE

| | |
|--|---|
| <u>Social Studies Major/Concentration:</u> HIS 103 History of the United States I or HIS 104 History of the United States II <u>English Major/Concentration:</u> ENG 205 Early British Literature or ENG 206 Modern British Literature from 1800 to Present | 3 |
| PED Activity Course(s) | 1 |

16

Fourth Semester

| | |
|--|---|
| EDU 235/PSY 235 Psychology of the Exceptional Child | 3 |
| HIS 101 History of Western Civilization I or HIS 102 History of Western Civilization II | 3 |

EDUCATION OR MAJOR/CONCENTRATION ELECTIVE:

| | |
|---|---|
| Social Studies: ECO 208 Principles of Microeconomics | 3 |
|---|---|

MAJOR/CONCENTRATION ELECTIVE

| | |
|---|---|
| <u>Social Studies Major/Concentration:</u> ECO 207 Principles of Macroeconomics <u>English Major/Concentration:</u> ENG 207 African American Literature I, ENG 208 African Literature II, ENG 248 Women in Literature or ENG 229 Native American Literature | 3 |
| SUNY General Education-Other World Civilization*** | 3 |
| English Literature Elective **** | 3 |

18

NOTE: For transfer to a SUNY College, check courses approved as meeting SUNY General Education Requirements.

* choose from CHE 107, PHY 101, SCI 103, SCI 104, SCI 105 or SCI 106

** choose from MAT 111 or MAT 118: see Teacher Education Coordinator

*** see Teacher Education Coordinator

**** choose from ENG 203, ENG 204, ENG 205 or ENG 206 (all major/concentrations must take two literature courses)

**Liberal Arts and Sciences:
EARLY CHILDHOOD EDUCATION
TEACHER EDUCATION TRANSFER**

A.S. Program (Hegis Code 5649)

Total Credits = 67-68

First Semester

| | |
|--|-----------|
| ENG 101 English Composition I | 3 |
| PSY 203 General Psychology I | 3 |
| MAT 114 Foundation of Mathematics for the Elementary School Teacher | 3 |
| BIO 109 Principles of Biology I | 4 |
| Foreign Language I or American Sign Language I | 3 |
| | 16 |

Second Semester

| | |
|---|-----------|
| ENG 102 English Composition II | 3 |
| PSY 213 Child Development | 3 |
| Foreign Language II or American Sign Language II | 3 |
| Laboratory Science Elective* | 4 |
| MAT 122 Calculus I | 4 |
| | 17 |

Third Semester

| | |
|--|---|
| EDU 208 Foundations of Education | 3 |
| SUNY General Education – The Arts** | 3 |
| HIS 103 History of the United States I or HIS 104 History of the United States II | 3 |

MAJOR/CONCENTRATION ELECTIVE

| | |
|---|---|
| <u>Mathematics Major/Concentration:</u> MAT 123 Calculus II | |
| <u>General Science Major/Concentration:</u> BIO 110 Principles of Biology II | 4 |

**EDUCATION OR MAJOR/CONCENTRATION
ELECTIVE**

| | |
|--|--------------|
| <u>General Science Major/Concentration:</u> SCI 103 Physical Geology, SCI 104 Historical Geology, SCI 105 Solar System Astronomy or SCI 106 Stellar and Galactic Astronomy | 3-4 |
| | 16-17 |

Fourth Semester

| | |
|--|---|
| HIS 101 History of Western Civilization I or HIS 102 History of Western Civilization II | 3 |
| English Literature Elective*** | 3 |

**EDUCATION OR MAJOR/CONCENTRATION
ELECTIVE**

| | |
|---|-----------|
| <u>Mathematics Major/Concentration:</u> MAT 225 Multivariable Calculus | |
| <u>General Science Major/Concentration:</u> CHE 152 Inorganic Chemistry II, PHY 102 General Physics II or PHY 152 Physics for Scientists and Mathematicians II | 4 |
| SUNY General Education – Other World Civilization** | 3 |
| PED Activity Course(s) | 2 |
| Education or Major/Concentration Elective** | 3 |
| | 18 |

NOTE: For transfer to a SUNY College, check courses approved as meeting SUNY General Education Requirements.

* choose from CHE 151, PHY 101 or PHY 151

** see Teacher Education Coordinator

*** choose from ENG 203, ENG 204, ENG 205 or ENG 206

**Liberal Arts and Sciences:
CHILDHOOD EDUCATION
TEACHER EDUCATION TRANSFER**

A.S. Program (Hegis Code 5649)

Total Credits = 67-68

First Semester

| | |
|--|-----------|
| ENG 101 English Composition I | 3 |
| PSY 203 General Psychology I | 3 |
| MAT 114 Foundation of Mathematics for the Elementary School Teacher | 3 |
| BIO 109 Principles of Biology I | 4 |
| Foreign Language I or American Sign Language I | 3 |
| | 16 |

Second Semester

| | |
|---|-----------|
| ENG 102 English Composition II | 3 |
| PSY 213 Child Development | 3 |
| Foreign Language II or American Sign Language II | 3 |
| Laboratory Science Elective* | 4 |
| MAT 122 Calculus I | 4 |
| | 17 |

Third Semester

| | |
|--|---|
| EDU 208 Foundations of Education | 3 |
| SUNY General Education – The Arts** | 3 |
| HIS 103 History of the United States I or HIS 104 History of the United States II | 3 |

MAJOR/CONCENTRATION ELECTIVE

| | |
|---|---|
| <u>Mathematics Major/Concentration:</u> MAT 123 Calculus II | |
| <u>General Science Major/Concentration:</u> BIO 110 Principles of Biology II | 4 |

**EDUCATION or MAJOR/CONCENTRATION
ELECTIVE**

| | |
|--|--------------|
| <u>General Science Major/Concentration:</u> SCI 103 Physical Geology, SCI 104 Historical Geology, SCI 105 Solar System Astronomy or SCI 106 Stellar and Galactic Astronomy | 3-4 |
| | 16-17 |

Fourth Semester

| | |
|--|---|
| HIS 101 History of Western Civilization I OR HIS 102 History of Western Civilization II | 3 |
| English Literature Elective*** | 3 |

**EDUCATION or MAJOR/CONCENTRATION
ELECTIVE**

| | |
|---|---|
| <u>Mathematics Major/Concentration:</u> MAT 225 Multivariable Calculus | |
| <u>General Science Major/Concentration:</u> CHE 152 Inorganic Chemistry II, PHY 102 General Physics II or PHY 152 Physics for Scientists and Mathematicians II | 4 |

| | |
|--|---|
| SUNY General Education – Other World Civilization** | 3 |
| PED Activity Course(s) | 2 |

**EDUCATION OR MAJOR/CONCENTRATION
ELECTIVE***** **18**

NOTE: For transfer to a SUNY College, check courses approved as meeting SUNY General Education Requirements.

* choose from CHE 151, PHY 101 or PHY 151

** see Teacher Education Coordinator

*** choose from ENG 203, ENG 204, ENG 205 or ENG 206

**Liberal Arts and Sciences:
ADOLESCENCE EDUCATION
TEACHER EDUCATION TRANSFER**

A.S. Program (Hegis Code 5649)

Total Credits = 67-70

First Semester

| | |
|--|-----------|
| ENG 101 English Composition I | 3 |
| PSY 203 General Psychology I | 3 |
| MAT 122 Calculus I | 4 |
| Laboratory Science Elective <u>Mathematics or Biology Major/Concentration:</u> BIO 109 Principles of Biology I <u>Chemistry or Earth Science Major/Concentration:</u> CHE 151 Inorganic Chemistry I <u>Physics Major/Concentration:</u> PHY 151 Physics for Scientists and Mathematicians | 4 |
| Foreign Language I or American Sign Language I | 3 |
| | 17 |

Second Semester

| | |
|--|-----------|
| ENG 102 English Composition II | 3 |
| PSY 212 Adolescent Development | 3 |
| Foreign Language II or American Sign Language II | 3 |
| Laboratory Science Elective <u>Mathematics Major/Concentration:</u> CHE 151 Inorganic Chemistry I or PHY 151 Physics for Scientists and Mathematicians I <u>Biology Major/Concentration:</u> BIO 110 Principles of Biology II <u>Chemistry or Earth Science Major/Concentration:</u> CHE 152 Inorganic Chemistry II <u>Physics Major/Concentration:</u> PHY 152 Physics for Scientists and Mathematicians II | 4 |
| MAT 123 Calculus II | 4 |
| | 17 |

Third Semester

| | |
|--|---|
| EDU 208 Foundations of Education | 3 |
| SUNY General Education – The Arts* | 3 |
| HIS 103 History of the United States I or HIS 104 History of the United States II | 3 |

MAJOR/CONCENTRATION ELECTIVE

| | |
|---|-----|
| <u>Mathematics or Physics Major/Concentration:</u> MAT 225 Multivariable Calculus | |
| <u>Biology Major/Concentration:</u> CHE 151 Inorganic Chemistry I <u>Chemistry Major/Concentration:</u> CHE 201 Organic Chemistry I <u>Earth Science Major/Concentration:</u> SCI 103 Physical Geology | 3-4 |

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| MAJOR/CONCENTRATION ELECTIVE | |
| Biology Major/Concentration: BIO 214 Microbiology | |
| Earth Science: SCI 105 Solar System Astronomy or SCI 106 Stellar and Galactic Astronomy | |
| Mathematics, Chemistry or Physics Major/Concentration: | |
| by advisement | .3-4 |
| PED Activity Course(s) | .2 |
| | 17-19 |

Fourth Semester

| | |
|--|----|
| HIS 101 History of Western Civilization I OR HIS 102 History of Western Civilization II | .3 |
| English Literature Elective ** | .3 |
| Education or Major/Concentration Elective* | .4 |
| SUNY General Education – Other World Civilization* | .3 |

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|---|--------------|
| MAJOR/CONCENTRATION ELECTIVE | |
| Mathematics Major/Concentration: MAT 226 Linear Algebra and Differential Equations | |
| Biology Major/Concentration: CHE 152 Inorganic Chemistry II | |
| Chemistry Major/Concentration: CHE 202 Organic Chemistry II | |
| Earth Science Major/Concentration: SCI 104 Historical Geology | .3-4 |
| | 16-17 |

* by advisement....see Teacher Education Coordinator

** choose from ENG 203, ENG 204, ENG 205 or
ENG 206

**TELECOMMUNICATIONS
TECHNOLOGY, VERIZON OPTION**

A.A.S. Program (Hegis Code 5310)

Total Credits = 60

First Semester

| | |
|-------------------------------|----------|
| MAT 116 Technical Math I | .4 |
| CMP 115 Computers in Business | .3 |
| | 7 |

Second Semester

| | |
|----------------------------------|----------|
| CRT 201 PC Equipment Servicing I | .4 |
| ENG 101 Composition I | .3 |
| | 7 |

Third Semester

| | |
|-----------------------------------|----------|
| CRT 202 PC Equipment Servicing II | .4 |
| MAT 117 Technical Math II | .4 |
| | 8 |

Fourth Semester

| | |
|-------------------------------------|----------|
| TNY 171 Telecommunications Circuits | .4 |
| PHY 110 Technical Physics | .4 |
| | 8 |

Fifth Semester

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|---|----|
| TNY 173 Telecommunications Electronics I | .4 |
|---|----|

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|---|----------|
| TNY 181 Telecommunications I- Voice Communications | .4 |
| | 8 |

Sixth Semester

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|--|----------|
| TNY 273 Telecommunications Electronics II | .4 |
| TNY 282 Telecommunications II- Data Communication | .4 |
| | 8 |

Seventh Semester

| | |
|---|----------|
| TNY 283 Telecommunications III- LANS | .4 |
| ENG 102 English Composition II | .3 |
| | 7 |

Eighth Semester

| | |
|---|----------|
| TNY 284 Telecommunications IV- Advanced Topics | .4 |
| HIS 150 History of the Labor Movement | .3 |
| | 7 |