

THE GENERAL EDUCATION CORE FOR THE ASSOCIATE IN SCIENCE DEGREE

A student pursuing this degree program should be aware that certain variations may exist for Areas I, II, III, and IV, depending on the student's Area V concentration. Please see specific listings under the appropriate major/course of study in the following pages.

Area I: Written Composition I and II.....6 Credit Hours

Area II: Humanities and Fine Arts.....12 Credit Hours

- Must complete 3 semester hours in Literature.*
- Must complete 3 semester hours in the Arts.

Remaining semester hours to be selected from Humanities and/or Fine Arts.

Humanities and Arts disciplines include but are not limited to: Area/Ethnic Studies, Art and Art History, Foreign Languages, Music and Music History, Philosophy, Ethics, Religious Studies, Speech, Theater and Dance.

Area III: Natural Science and

Mathematics11 Credit Hours

- Must complete 3 semester hours in Mathematics at the Precalculus Algebra or Finite Math Level or higher.
- Must complete 8 semester hours in the Natural Sciences which must include Laboratory Experiences.

In addition to Mathematics, disciplines in the Natural Sciences include: Astronomy, Biological Sciences, Chemistry, Geology, Physical Geography, Earth Science, Physics, and Physical Science.

Area IV: History, Social, and

Behavioral Sciences12 Credit Hours

- Must complete 3 semester hours in History.*
- Must complete at least 6 semester hours from among other disciplines in the Social and Behavioral Sciences.

Social and Behavioral Sciences include, but are not limited to: Anthropology, Economics, Geography, Political Science, Psychology, and Sociology.

Area I-IV: Minimum General Education

Requirements41 Credit Hours

Area V: Pre-Professional, Pre-Major, and

Elective Courses 19 - 23 Credit Hours**

- Courses appropriate to the degree requirements and major of the individual student and electives.

Students completing courses that have been approved for the General Studies Curriculum and are appropriate to their major and/or degree program may transfer these courses with credit applicable to their degree program among two-year and four-year colleges and universities.

Area I-V: General Studies

Curricula60-64 Credit Hours**

Maximum Program Semester

Credit Hours.....64 Credit Hours

Semester Credit Hour Range

by Award60-64 Credit Hours**

* *Note: Must complete a 6-semester-hour sequence either in Literature or in History and 3 semester hours in Speech. The sequence in Area II and IV in Literature or History needs to follow the sequence requirements according to the students major and transfer plans.*

** *Respective programs of study for baccalaureate degrees at Alabama public universities range from 120 to 128 semester credit hours in length. Dependent upon the total hours allocated for the bachelor's degrees, institutions in The Alabama College System will only be authorized to provide 50 percent of that total (60-64).*

PROGRAMS OF STUDY ASSOCIATE IN SCIENCE

The following programs of study are guides for students who intend to major in the specific areas that are listed. The Alabama Articulation and General Studies Committee, which was created by the Alabama Legislature through ACT 94-202, devised these programs of study. This legislation requires that these programs and their courses be accepted for transfer at all public institutions of higher education in Alabama. Any student or faculty advisor who encounters a problem in getting these programs and courses transferred to a two or four-year college in Alabama should contact Dr. Joe Burke, who serves as the articulation contact person at Northeast. More detailed transfer guides and student transfer agreements to four-year colleges may be obtained from the Statewide Articulation Reporting System (STARS) on the Internet at <http://stars.troy.edu>.

Associate in Science Degree Agricultural Economics

Area I – Written Composition

ENG 101 English Composition I3 hours
 ENG 102 English Composition II 3 hours
Total.....6 hours

Area II – Humanities and Fine Arts

Literature*..... 3-6 hours
 Choose from: ENG 251, 252; ENG 261, 262; or
 ENG 271, 272
 SPH 107 Fundamentals of Public Speaking..... 3 hours
 Fine Arts Elective**..... 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126
 Humanities and Fine Arts Elective** 0-4 hours
 Choose from: ART 100, 203, 204; ENG 251, 252,
 261, 262, 271, 272; MUS 101; PHL 206; REL 151,
 152; SPA 101, 102, 201, 202; THR 120, 126
Total..... 12-13 hours

Area III – Natural Sciences and Mathematics

MTH 120 or higher3 hours
 BIO 103-104 Principles of Biology I-II 8 hours
Total..... 11 hours

Area IV – History, Social, and Behavioral Sciences

History* 3-6 hours
 Choose from: HIS 101, 102, or HIS 201, 202
 ECO 231 Principles of Macroeconomics 3 hours
 SOC 200 Introduction to Sociology 3 hours
 Social and Behavioral Sciences** 3 hours
 Choose from: ECO 231; GEO 100; POL 211;
 PSY 200, 210; SOC 200, 210

Total 12 hours

Area V – Pre-Professional, Major, and Elective Courses

CIS 146 Microcomputer Applications 3 hours
 BUS 271-272 Business Statistics I and II 6 hours
 BUS 241-242 Principles of Accounting I-II 6 hours
 ECO 232 Principles of Microeconomics 3 hours
 Area V Elective** 1 hour

Total 19 hours

Total Hours Required for Degree 60-61

* Must take a 6 semester-hour sequence in either literature or history.

** Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
 Agronomy and Soils**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total 6 hours

Area II – Humanities and Fine Arts

Literature 6 hours
 Choose from: ENG 251 and 252; ENG 261 and
 262; or ENG 271 and 272
 SPH 107 Fundamentals of Public Speaking. 3 hours
 Fine Arts Elective*** 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126

Total 12 hours

Area III – Natural Sciences and Mathematics

MTH 113 Precalculus Trigonometry* 3 hours
 CHM 111 College Chemistry I 4 hours
 CHM 112 College Chemistry II 4 hours
Total 11 hours

Area IV – History, Social, and Behavioral Sciences

HIS 101 Western Civilization I 3 hours
 HIS 102 Western Civilization II 3 hours
 ECO 232 Principles of Microeconomics 3 hours
 Social and Behavioral Sciences*** 3 hours
 Choose from: GEO 100; POL 211; PSY 200, 210;
 SOC 200, 210

Total 12 hours

Area V – Pre-Professional, Major, and Elective Courses

CIS 146 Microcomputer Applications 3 hours
 MTH 125 Calculus I** 4 hours
 BIO 103 Principles of Biology I 4 hours
 BIO 104 Principles of Biology II 4 hours
 CHM 221 Organic Chemistry I 4 hours

Total 19 hours

Total Hours Required for Degree 60

* MTH 112 or appropriate placement scores are prerequisites for MTH 113.

** MTH 112, 113, or appropriate placement scores are prerequisites for
 MTH 125.

*** Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
 Animal and Dairy Science**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total 6 hours

Area II – Humanities and Fine Arts

Literature 6 hours
 Choose from: ENG 251 and 252; ENG 261 and
 262; or ENG 271 and 272
 SPH 107 Fundamentals of Public Speaking. 3 hours
 Fine Arts Elective** 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126

Total 12 hours

Area III – Natural Sciences and Mathematics

MTH 113 Precalculus Trigonometry* 3 hours
 BIO 103 Principles of Biology I 4 hours
 BIO 104 Principles of Biology II 4 hours
Total 11 hours

Area IV – History, Social, and Behavioral Sciences

History 6 hours
 Choose from: HIS 101, 102 or HIS 201, 202
 ECO 232 Principles of Microeconomics 3 hours
 Social and Behavioral Sciences** 3 hours
 Choose from: GEO 100; POL 211; PSY 200, 210;
 SOC 200, 210

Total 12 hours

Area V – Pre-Professional, Major, and Elective Courses

CHM 111 College Chemistry I 4 hours
 CHM 112 College Chemistry II 4 hours
 CIS 146 Microcomputer Applications 3 hours
 CHM 221 Organic Chemistry I** 4 hours
 PHY 201 General Physics I - Trig Based** 4 hours

Total 19 hours

Total Hours Required for Degree 60

* MTH 112 or appropriate placement score is a prerequisite for MTH 113.

** Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
 Architecture**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total 6 hours

Area II – Humanities and Fine Arts

Literature* 3-6 hours
 Choose from: ENG 251, 252; ENG 261, 262; or
 ENG 271, 272
 PHL 106 Introduction to Philosophy or
 PHL 206 Ethics and Society 3 hours
 Fine Arts Elective** 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126
 Humanities and Fine Arts Elective** 0-4 hours
 Choose from: ART 100, 203, 204; MUS 101;
 REL 151, 152; SPA 101, 102, 201, 202;
 THR 120, 126
Total **12-13 hours**

Area III – Natural Sciences and Mathematics

MTH 125 Calculus I 4 hours
 PHY 201 General Physics I – Trig Based 4 hours
 Natural Sciences** 4 hours
 Choose from: BIO 103, 104; CHM 111, 112;
 PHS 111, 112; PHY 201, 202; PHY 213, 214
Total **12 hours**

Area IV – History, Social, and Behavioral Sciences

History* 3-6 hours
 Choose from: HIS 101, 102 or HIS 201, 202
 Social and Behavioral Sciences** 6-9 hours
 Choose from: ECO 231, 232; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210
Total **12 hours**

Area V – Pre-Professional, Major, and Elective Courses

ART 113, 121, or 127 6 hours
 ECO 231, 232, BUS 275, or 285 3 hours
 SPH 107 Fundamentals of Public Speaking 3 hours
 CIS 3 hours
 Area V Electives** 4-8 hours
Total **19-23 hours**
Total Hours Required for Degree **60-65**

* Must take a 6 semester-hour sequence in either literature or history.

** Consult four-year catalog and/or STARS Transfer Guide:

<http://stars.troy.edu>

**Associate in Science Degree
 Art Education**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total **6 hours**

Area II – Humanities and Fine Arts

Literature* 3-6 hours
 Choose from: ENG 251, 252; ENG 261, 262; or
 ENG 271, 272
 SPH 107 Fundamentals of Public Speaking 3 hours
 Fine Arts Elective** 3 hours
 Choose from: ART 100, 203; MUS 101;
 THR 120, 126

Humanities and Fine Arts Elective** 0-4 hours
 Choose from: ART 100, 203; ENG 251, 252, 261,
 262, 271, 272; MUS 101; PHL 206; REL 151, 152;
 SPA 101, 102, 201, 202; THR 120, 126

Total **12-13 hours**

Area III – Natural Sciences and Mathematics

Natural Science Sequence** 8 hours
 Choose from: BIO 103, 104; CHM 111, 112;
 PHS 111, 112; PHY 201, 202; PHY 213, 214
 MTH 110 or higher 3 hours
Total **11 hours**

Area IV – History, Social, and Behavioral Science

History* 3-6 hours
 Choose from: HIS 101, 102 or HIS 201, 202
 Social and Behavioral Sciences** 6-9 hours
 Choose from: ECO 231, 232; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210

Total **12 hours**

Area V – Pre-Professional, Major, and Elective Courses

CIS 146 Microcomputer Applications 3 hours
 ART 113 Drawing I 3 hours
 ART 121 Two-Dimensional Comp I 3 hours
 ART 127 Three-Dimensional Comp II 3 hours
 ART 204 Art History II 3 hours
 Area V Electives** 7 hours
Total **22 hours**
Total Hours Required for Degree **63-64**

* Must take a 6 semester-hour sequence either in literature or history.

** Consult four-year catalog and/or STARS Transfer Guide:

<http://stars.troy.edu>

**Associate in Science Degree
 Athletic Training**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total **6 hours**

Area II – Humanities and Fine Arts

Literature* 3-6 hours
 Choose from: ENG 251, 252; ENG 261, 262 or
 ENG 271, 272
 SPH 107 Fundamentals of Public Speaking 3 hours
 Fine Arts Elective** 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126
 Humanities and Fine Arts Elective** 0-4 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126; ENG 251, 252; ENG 261, 262 or
 ENG 271, 272; MUS 101; PHL 206; REL 151, 152;
 SPA 101, 102, 201, 202

Total **12-13 hours**

Area V – Pre-Professional, Major, and Elective Courses

BUS 241 Principles of Accounting I	3 hours
BUS 242 Principles of Accounting II	3 hours
BUS 275 Principles of Management	3 hours
BUS 285 Principles of Marketing	3 hours
CIS 146 Microcomputer Applications	3 hours
ECO 231 Principles of Macroeconomics or	
ECO 232 Principles of Microeconomics	3 hours
MTH 120 Calculus and Its Applications	3 hours
Total	21 hours
Total Hours Required for Degree	.62-63

* Must take a 6 semester-hour sequence in either literature or history.

** Consult four-year catalog and/or STARS Transfer Guide:

<http://stars.troy.edu>

Associate in Science Degree Business

Area I – Written Composition

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
Total	6 hours

Area II – Humanities and Fine Arts

Literature*	6 hours
Choose from: ENG 251, 252; ENG 261, 262; or	
ENG 271, 272	
Fine Arts Electives**	3 hours
Choose from: ART 100, 203, 204; MUS 101;	
THR 120, 126	
SPH 107 Fundamentals of Public Speaking	3 hours
Total	12 hours

Area III – Natural Sciences and Mathematics

MTH 112 Precalculus Algebra	3 hours
Natural Science with Lab**	8 hours
Choose from: BIO 103, 104; CHM 111, 112;	
PHS 111, 112; PHY 201, 202; PHY 213, 214	
Total	11 hours

Area IV – History, Social, and Behavioral Sciences

History	3 hours
Choose from: HIS 101, 102, 201, or 202	
ECO 231 Principles of Macroeconomics	3 hours
ECO 232 Principles of Microeconomics	3 hours
PSY 200 General Psychology or	
SOC 200 Introduction to Sociology	3 hours
Total	12 hours

Area V – Pre-Professional, Major, and Elective Courses

CIS 146 Microcomputer Applications	3 hours
BUS 271 Business Statistics I	3 hours
BUS 272 Business Statistics II*	3 hours
BUS 241 Principles of Accounting I	3 hours
BUS 242 Principles of Accounting II	3 hours
MTH 120 Calculus and Its Applications*	3 hours
BUS 263 Legal and Social Environment of Business	3 hours
Total	21 hours
Total Hours Required for Degree	.62

* Elective hours if these courses are not required by your senior college.

** Consult four-year catalog and/or STARS Transfer Guide:

<http://stars.troy.edu>

Associate in Science Degree Chemistry

Area I – Written Composition

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
Total	6 hours

Area II – Humanities and Fine Arts

Literature*	3-6 hours
Choose from: ENG 251, 252; ENG 261, 262; or	
ENG 271, 272	
SPH 107 Fundamentals of Public Speaking	3 hours
Fine Arts Elective**	3 hours
Choose from: ART 100, 203, 204; MUS 101;	
THR 120, 126	
Humanities and Fine Arts Elective**	0-4 hours
Choose from: ART 100, 203, 204; ENG 251, 252,	
261, 262, 271, 272; MUS 101; PHL 206; REL 151,	
152; SPA 101, 102, 201, 202; THR 120, 126	
Total	12-13 hours

Area III – Natural Sciences and Mathematics

CHM 111 College Chemistry I	4 hours
CHM 112 College Chemistry II	4 hours
MTH 125 Calculus I	4 hours
Total	12 hours

Area IV – History, Social, and Behavioral Sciences

History*	3-6 hours
Choose from: HIS 101, 102 or HIS 201, 202	
Social and Behavioral Sciences**	6-9 hours
Choose from: ECO 231, 232; GEO 100;	
POL 211; PSY 200, 210; SOC 200, 210	
Total	12 hours

Area V – Pre-Professional, Major, and Elective Courses

PHY 213 General Physics with Calculus I	4 hours
PHY 214 General Physics with Calculus II	4 hours
CIS	3 hours
MTH 126 Calculus II	4 hours
Area V Electives**	3-7 hours
Total	18-22 hours
Total Hours Required for Degree	60-65

* Must take a 6 semester-hour sequence in either literature or history.

** Consult four-year catalog and/or STARS Transfer Guide:

<http://stars.troy.edu>

Associate in Science Degree Clinical Laboratory Sciences/Medical Technology

Area I – Written Composition

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
Total	6 hours

Area II – Humanities and Fine Arts

Literature*	3-6 hours
Choose from: ENG 251, 252; ENG 261, 262; or	
ENG 271, 272	
SPH 107 Fundamentals of Public Speaking	3 hours

Fine Arts Electives** 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126
 Humanities and Fine Arts Electives** 0-3 hours
 Choose from: ART 100, 203, 204; ENG 251, 252,
 261, 262, 271, 272; MUS 101; PHL 206; REL 151,
 152; SPA 101, 102, 201, 202; THR 120, 126
Total 12 hours

Area III – Natural Sciences and Mathematics
 CHM 111 College Chemistry I 4 hours
 CHM 112 College Chemistry II 4 hours
 MTH 112 Precalculus Algebra 3 hours
Total 11 hours

Area IV – History, Social, and Behavioral Sciences
 History* 3-6 hours
 Choose from: HIS 101, 102 or HIS 201, 202
 Social and Behavioral Sciences** 6-9 hours
 Choose from: ECO 231, 232; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210
Total 12 hours

Area V – Pre-Professional, Major, and Elective Courses
 BIO 103 Principles of Biology I 4 hours
 BIO 220 General Microbiology 4 hours
 MTH 265 Elementary Statistics 3 hours
 CIS 146 Microcomputer Applications 3 hours
 CHM 221 Organic Chemistry I 4 hours
 Area V Electives** 1-5 hours
Total 19-23 hours
Total Hours Required for Degree 60-64

* Must take a 6 semester-hour sequence in either literature or history.
 ** Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

Associate in Science Degree Computer Information Systems

Area I – Written Composition
 ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total 6 hours

Area II – Humanities and Fine Arts
 Literature* 3-6 hours
 Choose from: ENG 251, 252; ENG 261, 262; or
 ENG 271, 272
 SPH 107 Fundamentals of Public Speaking 3 hours
 Fine Arts Elective** 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126
 Humanities and Fine Arts Elective** 0-4 hours
 Choose from: ART 100, 203, 204; ENG 251, 252,
 261, 262, 271, 272; MUS 101; PHL 206; REL 151,
 152; SPA 101, 102, 201, 202; THR 120, 126
Total 12-13 hours

Area III – Natural Sciences and Mathematics
 MTH 112 or higher. 3 hours
 Natural Sciences** 8 hours
 Choose from: BIO 103, 104; CHM 111, 112;
 PHY 201, 202; PHY 213, 214
Total 11 hours

Area IV – History, Social and Behavioral Sciences
 History* 3-6 hours
 Choose from: HIS 101, 102 or HIS 201, 202
 Social and Behavioral Sciences** 6-9 hours
 Choose from: ECO 231, 232; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210
Total 12 hours

Area V – Pre-Professional, Major, and Elective Courses
 MTH 125 Calculus I 4 hours
 CIS 251 C Programming 3 hours
 Area V Electives** 12-16 hours
Total 19-23 hours
Total Hours Required for Degree 60-65

* Must take a 6 semester-hour sequence in either literature or history.
 ** Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

Associate in Science Degree Criminal Justice

Area I – Written Composition
 ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total 6 hours

Area II – Humanities and Fine Arts
 Literature* 3-6 hours
 Choose from: ENG 251, 252; ENG 261, 262; or
 ENG 271, 272
 SPH 107 Fundamentals of Public Speaking 3 hours
 Fine Arts Elective** 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126
 Humanities and Fine Arts Elective** 0-4 hours
 Choose from: ART 100, 203, 204; ENG 251, 252,
 261, 262, 271, 272; MUS 101; PHL 206; REL 151,
 152; SPA 101, 102, 201, 202; THR 120, 126
Total 12-13 hours

Area III – Natural Sciences and Mathematics
 Natural Sciences 8 hours
 Choose from: BIO 103, 104; CHM 111, 112; PHY 201, 202;
 PHY 213, 214
 MTH 110 (Finite Math) or
 MTH 112 (Precalculus Algebra) 3 hours
Total 11 hours

Area IV – History, Social, and Behavioral Sciences
 History 3-6 hours
 Choose from: HIS 101, 102 or HIS 201, 202
 Social and Behavioral Sciences 6-9 hours
 Choose from: ECO 231, 232; GEO 100; POL 211;
 PSY 200, 210, SOC, 200, 210
Total 12 hours

Area V – Pre-Professional, Major, and Elective Courses

CRJ 100 Introduction to Criminal Justice	3 hours
CRJ 110 Introduction to Law Enforcement	3 hours
CIS Elective	3 hours
**Area V Electives	12 hours
Total	21 hours
Total Hours Required for Degree	62-63 hours

* Students must take a sequence in either literature or history.

** Consult four-year catalog and/or STARS Transfer Guide:

<http://stars.troy.edu>

**Associate in Science Degree
Elementary/Early Childhood Education**

Area I – Written Composition

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
Total	6 hours

Area II – Humanities and Fine Arts

Literature*	3-6 hours
Choose from: ENG 251, 252; ENG 261, 262; or ENG 271, 272	
SPH 107 Fundamentals of Public Speaking	3 hours
Fine Arts Elective**	3 hours
Choose from: ART 100, 203, 204; MUS 101; THR 120, 126	
Humanities and Fine Arts Elective**	0-4 hours
Choose from: PHL 206; REL 151,152; SPA 101, 102, 201, 202	
Total	12-13 hours

Area III – Natural Sciences and Mathematics

BIO 103 Principles of Biology I	4 hours
BIO 104 Principles of Biology II	4 hours
MTH 112 Pre-Calculus Algebra	3 hours
Total	11 hours

Area IV – History, Social, and Behavioral Science

History*	3-6 hours
Choose from: HIS 101, 102 or HIS 201, 202	
Social and Behavioral Sciences**	6-9 hours
Choose from: ECO 231, 232; GEO 100; POL 211; PSY 200, 210; SOC 200, 210	
Total	12 hours

Area V – Pre-Professional, Major, and Elective Courses

CIS 146 Microcomputer Applications	3 hours
Area III Electives representing two disciplines other than Biology such as CHM 104, 111, 112; PHS 111, 112; PHY 201, 202, 213, 214; or GLY 101**	8hours
Mathematics Electives**	9hours
Area V Electives**	2 hours
Total	22 hours
Total Hours Required for Degree	63-64

* Must take a 6 semester-hour sequence either in literature or history.

** Consult four-year catalog and/or STARS Transfer Guide:

<http://stars.troy.edu>

**Associate in Science Degree
Biology Education: Middle/High School**

Area I – Written Composition

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
Total	6hours

Area II – Humanities and Fine Arts

Literature*	3-6 hours
Choose from: ENG 251, 252; ENG 261, 262; or ENG 271, 272	
SPH 107 Fundamentals of Public Speaking	3 hours
Fine Arts Elective**	3 hours
Choose from: ART 100, 203, 204; MUS 101; THR 120, 126	
Humanities and Fine Arts Elective**	0-4 hours
Choose from: ART 100, 203, 204; ENG 251, 252, 261, 262, 271, 272; MUS 101; PHL 206; REL 151, 152; SPA 101, 102, 201, 202; THR 120, 126	
Total	12-13 hours

Area III – Natural Sciences and Mathematics

MTH 112 Precalculus Algebra	3 hours
BIO 103 Principles of Biology I	4 hours
BIO 104 Principles of Biology II	4 hours
Total	11 hours

Area IV – History, Social, and Behavioral Sciences

History*	3-6 hours
Choose from: HIS 101, 102 or HIS 201, 202	
Social and Behavioral Sciences**	6-9 hours
Choose from: ECO 231, 232; GEO 100; POL 211; PSY 200, 210; SOC 200, 210	
Total	12 hours

Area V – Pre-Professional, Major, and Elective Courses

CIS	3 hours
BIO 201, 202, 220, 230	12 hours
Area V Electives**	4-8 hours
Total	19-23 hours
Total Hours Required for Degree	60-65

* Must take a 6 semester-hour sequence in either literature or history.

** Consult four-year catalog and/or STARS Transfer Guide:

<http://stars.troy.edu>

**Associate in Science Degree
Chemistry Education: Middle/High School**

Area I – Written Composition

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
Total	6 hours

Area II – Humanities and Fine Arts

Literature*	3-6 hours
Choose from: ENG 251, 252; ENG 261, 262; or ENG 271, 272	
SPH 107 Fundamentals of Public Speaking	3 hours
Fine Arts Elective**	3 hours
Choose from: ART 100, 203, 204; MUS 101; THR 120, 126	

Humanities and Fine Arts Elective** 0-4 hours
 Choose from: ART 100, 203, 204; ENG 251, 252,
 261, 262, 271, 272; MUS 101; PHL 206; REL 151,
 152; SPA 101, 102, 201, 202; THR 120, 126

Total **12-13 hours**

Area III – Natural Sciences and Mathematics

CHM 111 College Chemistry I 4 hours
 CHM 112 College Chemistry II 4 hours
 MTH 112 Precalculus Algebra 3 hours

Total **11 hours**

Area IV – History, Social, and Behavioral Sciences

History* 3-6 hours
 Choose from: HIS 101, 102 or HIS 201, 202

Social and Behavioral Sciences** 6-9 hours
 Choose from: ECO 231, 232; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210

Total **12 hours**

Area V – Pre-Professional, Major, and Elective Courses

CHM 221 Organic Chemistry I 4 hours
 CHM 222 Organic Chemistry II 4 hours
 CIS 3 hours
 Area V Electives** 8-12 hours

Total **19-23 hours**

Total Hours Required for Degree **60-65**

* Must take a 6 semester-hour sequence in either literature or history.

** Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
 English/Language Arts Education:
 Middle/High School**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours

Total **6 hours**

Area II – Humanities and Fine Arts

ENG 261 English Literature I 3 hours
 ENG 262 English Literature II 3 hours
 SPH 107 Fundamentals of Public Speaking 3 hours
 THR 120 Theater Appreciation or
 THR 126 Introduction to Theater 3 hours

Total **12 hours**

Area III – Natural Sciences and Mathematics

Natural Science Sequence* 8 hours
 Choose from: BIO 103, 104; CHM 111, 112;
 PHS 111, 112; PHY 201, 202; PHY 213, 214

MTH 110 or higher 3 hours

Total **11 hours**

Area IV – History, Social, and Behavioral Science

History 3 hours
 Choose from: HIS 101, 102, 201, or 202

Social and Behavioral Sciences* 9 hours
 Choose from: ECO 231, 232; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210

Total **12 hours**

Area V – Pre-Professional, Major, and Elective Courses

CIS 146 Microcomputer Applications 3 hours
 ENG 251 American Literature I 3 hours
 ENG 252 American Literature II 3 hours
 Area V Elective* 10 hours

Total **19 hours**

Total Hours Required for Degree **60**

* Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
 General Science Education: Middle/High School**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours

Total **6 hours**

Area II – Humanities and Fine Arts

Literature* 3-6 hours
 Choose from: ENG 251, 252; ENG 261, 262; or
 ENG 271, 272

SPH 107 Fundamentals of Public Speaking 3 hours

Fine Arts Elective** 3 hours

Choose from: ART 100, 203, 204; MUS 101; THR 120, 126

Humanities and Fine Arts Elective** 0-4 hours

Choose from: ART 100, 203, 204; ENG 251, 252,
 261, 262, 271, 272; MUS 101; PHL 206; REL 151,
 152; SPA 101, 102, 201, 202; THR 120, 126

Total **12-13 hours**

Area III – Natural Sciences and Mathematics

BIO 103 Principles of Biology I 4 hours
 BIO 104 Principles of Biology II 4 hours

MTH 113 or 125 3-4 hours

Total **11-12 hours**

Area IV – History, Social, and Behavioral Sciences

History* 3-6 hours
 Choose from: HIS 101, 102 or HIS 201, 202

Social and Behavioral Sciences** 6-9 hours
 Choose from: ECO 231, 232; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210

Total **12 hours**

Area V – Pre-Professional, Major, and Elective Courses

CHM 111 College Chemistry I 4 hours
 CHM 112 College Chemistry II 4 hours

CIS 3 hours

PHY 201 General Physics I - Trig Based or

PHY 213 General Physics with Calculus I 4 hours

Area V Electives** 4-7 hours

Total **19-22 hours**

Total Hours Required for Degree **60-65**

* Must take a 6 semester-hour sequence in either literature or history.

** Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
History Education: Middle/High School**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total 6 hours

Area II – Humanities and Fine Arts

Literature* 3-6 hours
 Choose from: ENG 251, 252; ENG 261, 262; or
 ENG 271, 272
 SPH 107 Fundamentals of Public Speaking. 3 hours
 Fine Arts Elective* 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126
 Humanities and Fine Arts Elective * 0-4 hours
 Choose from: ART 100, 203, 204; ENG 251, 252,
 261, 262, 271, 272; MUS 101; PHL 206; REL 151,
 152; SPA 101, 102, 201, 202; THR 120, 126

Total 12-13 hours

Area III – Natural Sciences and Mathematics

Natural Sciences* 8 hours
 Choose from: BIO 103, 104; CHM 111, 112;
 PHY 201, 202; PHY 213, 214
 MTH 110 Finite Math or
 MTH 112 Precalculus Algebra or higher 3 hours

Total 11 hours

Area IV – History, Social and Behavioral Sciences

HIS 101 History of Western Civilization I 3 hours
 HIS 102 History of Western Civilization II 3 hours
 Social and Behavioral Sciences* 6 hours
 Choose from: ECO 231, 232; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210

Total 12 hours

Area V – Pre-Professional, Major, and Elective Courses

HIS 201 U.S. History I 3 hours
 HIS 202 U.S. History II 3 hours
 CIS 3 hours
 Area V Electives* 10-14 hours

Total 19-23 hours
Total Hours Required for Degree 60-65

* Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
Mathematics Education: Middle/High School**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total 6 hours

Area II – Humanities and Fine Arts

Literature* 3-6 hours
 Choose from: ENG 251, 252; ENG 261, 262; or
 ENG 271, 272
 SPH 107 Fundamentals of Public Speaking. 3 hours

Fine Arts Elective* 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126

Humanities and Fine Arts Elective** 0-4 hours
 Choose from: ART 100, 203, 204; ENG 251, 252,
 261, 262, 271, 272; MUS 101; PHL 206; REL 151,
 152; SPA 101, 102, 201, 202; THR 120, 126

Total 12-13 hours

Area III – Natural Sciences and Mathematics

**Natural Sciences 8 hours
 Choose from: BIO 103, 104; CHM 111, 112;
 PHS 111, 112; PHY 201, 202; PHY 213, 214
 Mathematics 3 hours
 Choose from: MTH 112 or higher

Total 11 hours

Area IV – History, Social, and Behavioral Sciences

History* 3-6 hours
 Choose from: HIS 101, 102 or HIS 201, 202
 Social and Behavioral Sciences** 6-9 hours
 Choose from: ECO 231, 232; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210

Total 12 hours

Area V – Pre-Professional, Major, and Elective Courses

MTH 125 Calculus I 4 hours
 MTH 126 Calculus II 4 hours
 MTH 227 Calculus III 4 hours
 CIS 3 hours
 Area V Electives** 4-8 hours

Total 19-23 hours
Total Hours Required for Degree 60-65

* Must take a 6 semester-hour sequence in either literature or history.
 ** Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
Music Education: Middle/High School**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total 6 hours

Area II – Humanities and Fine Arts

Literature* 3-6 hours
 Choose from: ENG 251, 252; ENG 261, 262; or
 ENG 271, 272
 SPH 107 Fundamentals of Public Speaking. 3 hours
 Fine Arts Elective# 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126
 Humanities and Fine Arts Elective# 0-4 hours
 Choose from: ART 100, 203, 204; ENG 251, 252,
 261, 262, 271, 272; MUS 101; PHL 206; REL 151,
 152; SPA 101, 102, 201, 202; THR 120, 126

Total 12-13 hours

Area III – Natural Sciences and Mathematics

Natural Science Sequence# 8 hours
 Choose from: BIO 103, 104; CHM 111, 112;
 PHY 201, 202; PHY 213, 214

MTH 110 or higher. 3 hours
Total **11 hours**

Area IV – History, Social, and Behavioral Science

History* 3-6 hours
 Choose from: HIS 101, 102 or HIS 201, 202
 Social and Behavioral Sciences# 6-9 hours
 Choose from: ECO 231, 232; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210
Total **12 hours**

Area V – Pre-Professional, Major, and Elective Courses

CIS 146 Microcomputer Applications 3 hours
 Music Theory 8 hours
 Choose from: MUS 111, 112 or MUS 211, 212
 Studio Courses** 5 hours
 Music Ensembles*** 4 hours
Total **20 hours**
Total Hours Required for Degree **61-62**

- * Must take a 6 semester-hour sequence either in literature or history.
- ** Individual performance instruction taken from MUP courses—must include a complete sequence in a single instrument.
- *** Taken from MUL 180 or above.
- # Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
 Physics Education: Middle/High School**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total **6 hours**

Area II – Humanities and Fine Arts

Literature* 3-6 hours
 Choose from: ENG 251, 252; ENG 261, 262; or
 ENG 271, 272
 SPH 107 Fundamentals of Public 3 hours
 Fine Arts Elective*** 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126
 Humanities and Fine Arts Elective*** 0-4 hours
 Choose from: ART 100, 203, 204; MUS 101;
 PHL 206; REL 151, 152; SPA 101, 102, 201, 202;
 THR 120, 126
Total **12-13 hours**

Area III – Natural Sciences and Mathematics

MTH 125 Calculus I** 4 hours
 PHY 201 General Physics I – Trig Based 4 hours
 PHY 202 General Physics II – Trig Based 4 hours
Total **12 hours**

Area IV – History, Social, and Behavioral Sciences

History* 3-6 hours
 Choose from: HIS 101, 102 or HIS 201, 202
 Social and Behavioral Sciences*** 6-9 hours
 Choose from: ECO 231, 232; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210
Total **12 hours**

Area V – Pre-Professional, Major, and Elective Courses

MTH 126 Calculus II 4 hours
 MTH 227 Calculus III 4 hours
 MTH 237 Linear Algebra or
 MTH 238 Applied Differential Equations 3 hours
 PHY 213 General Physics with Calculus I 4 hours
 PHY 214 General Physics with Calculus II 4 hours
 CIS 130, 146, 231, or 251 3 hours
Total **22 hours**
Total Hours Required for Degree **65**

- * Must take a 6 semester-hour sequence in either literature or history.
- ** MTH 112, 113, or appropriate placement scores are prerequisites for MTH 125.
- *** Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
 Social Studies Education: Middle/High School**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total **6 hours**

Area II – Humanities and Fine Arts

Literature 3 hours
 Choose from: ENG 251, 252; ENG 261, 262; or
 ENG 271, 272
 SPH 107 Fundamentals of Public Speaking 3 hours
 Fine Arts Elective* 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126
 Humanities and Fine Arts Elective* 0-4 hours
 Choose from: ART 100, 203, 204; ENG 251, 252,
 261, 262, 271, 272; MUS 101; PHL 206; REL 151,
 152; SPA 101, 102, 201, 202; THR 120, 126
Total **12-13 hours**

Area III – Natural Sciences and Mathematics

Natural Sciences* 8 hours
 Choose from: BIO 103, 104; CHM 111, 112;
 PHY 201, 202; PHY 213, 214
 MTH 110 Finite Math or
 MTH 112 Precalculus Algebra or higher 3 hours
Total **11 hours**

Area IV – History, Social and Behavioral Sciences

GEO 100 World Regional Geography 3 hours
 HIS 101 History of Western Civilization I 3 hours
 HIS 102 History of Western Civilization II 3 hours
 PSY 200 General Psychology 3 hours
Total **12 hours**

Area V – Pre-Professional, Major, and Elective Courses

SOC 200 Introduction to Sociology 3 hours
 HIS 201 U.S. History I 3 hours
 HIS 202 U.S. History II 3 hours
 POL 211 American National Government 3 hours
 CIS 3 hours
 Area V Electives* 4-8 hours
Total **19-23 hours**

Total Hours Required for Degree 60-65

* Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
 Spanish Education: P-12 or Middle/High School**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total 6 hours

Area II – Humanities and Fine Arts

Literature* 3 hours
 Choose from: ENG 251, 252; ENG 261, 262; or
 ENG 271, 272
 SPH 107 Fundamentals of Public Speaking 3 hours
 Fine Arts Elective** 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126
 Humanities and Fine Arts Elective** 0-4 hours
 Choose from: ART 100, 203, 204; ENG 251, 252,
 261, 262, 271, 272; MUS 101; PHL 206;
 REL 151, 152; THR 120, 126

Total 12-13 hours

Area III – Natural Sciences and Mathematics

Natural Sciences** 8 hours
 Choose from: BIO 103, 104; CHM 111, 112;
 PHY 201, 202; PHY 213, 214
 MTH 110 Finite Math or
 MTH 112 Precalculus Algebra or higher 3 hours
Total 11 hours

Area IV – History, Social and Behavioral Sciences

History* 3-6 hours
 Choose from: HIS 101, 102, or HIS 201, 202
 Social and Behavioral Sciences** 6-9 hours
 Choose from: ECO 231, 232; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210

Total 12 hours

Area V – Pre-Professional, Major, and Elective Courses

SPA 101 Introductory Spanish I 4 hours
 SPA 102 Introductory Spanish II 4 hours
 SPA 201 Intermediate Spanish I 3 hours
 SPA 202 Intermediate Spanish II 3 hours
 CIS 3 hours
 Area V Electives** 2-6 hours
Total 19-23 hours
Total Hours Required for Degree 60-65

* Must take a 6 semester-hour sequence in either literature or history.

** Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
 Special Education**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total 6 hours

Area II – Humanities and Fine Arts

Literature* 3 hours
 Choose from: ENG 251, 252; ENG 261, 262; or
 ENG 271, 272
 SPH 107 Fundamentals of Public Speaking 3 hours
 Fine Arts Elective** 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126
 Humanities and Fine Arts Elective** 0-4 hours
 Choose from: ART 100, 203, 204; ENG 251, 252,
 261, 262, 271, 272; MUS 101; PHL 206; REL 151,
 152; SPA 101, 102, 201, 202; THR 120, 126

Total 12-13 hours

Area III – Natural Sciences and Mathematics

BIO 103 Principles of Biology I 4 hours
 BIO 104 Principles of Biology II 4 hours
 MTH 112 Pre-Calculus Algebra 3 hours
Total 11 hours

Area IV – History, Social, and Behavioral Science

History 3 hours
 Choose from: HIS 101, 102, or HIS 201, 202
 Social and Behavioral Sciences* 9 hours
 Choose from: ECO 231, 232; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210

Total 12 hours

Area V – Pre-Professional, Major, and Elective Courses

CIS 146 Microcomputer Applications hours
 Area III Electives representing two disciplines other than
 Biology such as Chemistry, Physics, Astronomy, or
 Geology. May include PHS 111 or PHS 112 8 hours
 Mathematics Electives** 9 hours
 Area V Electives** 2 hours
Total 22 hours

Total Hours Required for Degree 63-64 hours

* Must take a 6 semester-hour sequence either in literature or history.

** Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
 Pre-Engineering—Aerospace**

Area I – Written Composition

ENG 101 English Composition I 3 hours
 ENG 102 English Composition II 3 hours
Total 6 hours

Area II – Humanities and Fine Arts

Literature* 3-6 hours
 Choose from: ENG 251, 252; ENG 261, 262; or
 ENG 271, 272
 SPH 107 Fundamentals of Public Speaking 3 hours
 Fine Arts Electives# 3 hours
 Choose from: ART 100, 203, 204; MUS 101;
 THR 120, 126

Total 9-12 hours