

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

MTH 126, 227, 238#	11 hours
CHM 221#	4 hours
CIS 231 or 251	3 hours
PHY 213 and 214	8 hours
PHL 206#	3 hours
Total	29 hours
Total Hours Required for Degree	68

- * Must take a 6 semester-hour sequence in either literature or history.
- ** MTH 112, 113 or appropriate placement scores are prerequisites for MTH 125.
- *** MTH 125 is a prerequisite for PHY 213
- # Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
Pre-Engineering—Textile Management and
Technology Option**

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

Area III – Natural Sciences and Mathematics

MTH 125 Calculus I**	4 hours
PHY 201 General Physics I – Trig Based	4 hours
CHM 111 College Chemistry 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 hours
Choose from: ECO 231, 232; GEO 100; POL 211; PSY 200, 210; SOC 200, 210	
Total	9-12 hours

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

BUS 241	3 hours
CHM 112, 221***	8 hours
CIS 231 or 251	3 hours
PHL 206***	3 hours
Area V Electives***	4 hours
Total	21 hours
Total Hours Required for Degree	60

- * 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
Forestry**

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	
PHL 206 Ethics and Society	3 hours
Total	12 hours

Area III – Natural Sciences and Mathematics

BIO 103 Principles of Biology I	4 hours
BIO 104 Principles of Biology II	4 hours
MTH 125, 126, 227, 237, or 238	3-4 hours
Total	11-12 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: ECO 231; GEO 100; POL 211; PSY 200, 210; SOC 200, 210	
Total	12 hours

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

SPH 107 Fundamentals of Public Speaking	3 hours
CHM 111 College Chemistry I	4 hours
CHM 112 College Chemistry II	4 hours
BUS 271 Business Statistics I or MTH 265 Elementary Statistics	3 hours
CIS	3 hours
Area V Electives*	2-5 hours
Total	19-22 hours
Total Hours Required for Degree	60-64

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

**Associate in Science Degree
History**

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 Fundamental 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

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 higher3 hours
Total**11 hours**

Area IV – History, Social and Behavioral Sciences

History Sequence6 hours
 Choose from: HIS 101, 102 or HIS 201, 202
 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

History Sequence6 hours
 Choose from: HIS 101, 102 or HIS 201, 202
 CIS3 hours
 Area II-IV Electives3 hours
 Area V Electives*7-11 hours
Total**19-23 hours**
Total Hours Required for Degree**60-64**

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

**Associate in Science Degree
 Horticulture**

Area I – Written Composition

ENG 101 English Composition I3 hours
 ENG 102 English Composition II3 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 Speaking3 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

BIO 103 Principles of Biology I4 hours
 BIO 104 Principles of Biology II4 hours
 MTH 113 Precalculus Trigonometry3 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; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210
Total**12 hours**

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

CIS 146 Microcomputer Applications3 hours
 CHM 111 College Chemistry I4 hours
 ECO 232 Principles of Microeconomics3 hours
 Area V Electives**9-13 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
 Mathematics**

Area I – Written Composition

ENG 101 English Composition I3 hours
 ENG 102 English Composition II3 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 Speaking3 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

Natural Sciences***8 hours
 Choose from: BIO 103, 104; CHM 111, 112;
 PHS 111, 112; PHY 201, 202; PHY 213, 214
 Mathematics**3-4 hours
 Choose from: MTH 112 or higher
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

CIS3 hours
 MTH 125 Calculus I4 hours
 MTH 126 Calculus II4 hours
 MTH 227 Calculus III4 hours
 Area V Electives***4-8 hours
Total**19-23 hours**

Total Hours Required for Degree61-65

- * Must take a 6 semester-hour sequence in either literature or history.
- ** Because of prerequisite requirements in Area V, students are encouraged to take MTH 113 in Area III.
- *** Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
Nuclear Medicine 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 113 Precalculus Trigonometry	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 104 Principles of Biology II	4 hours
BIO 201 Human Anatomy and Physiology I	4 hours
BIO 202 Human Anatomy and Physiology II	4 hours
CHM 221 Organic Chemistry I	4 hours
CIS 146 Microcomputer Applications	3 hours
Total	23 hours
Total Hours Required for Degree	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
Occupational Therapy**

The Occupational Therapy Programs at the University of South Alabama and the University of Alabama at Birmingham are now offered only at the Master's level. Please check the home pages of these institutions for more information regarding these programs. Alabama State University still offers a Bachelor's Degree in Occupational Therapy. The prerequisites for the ASU program are listed below.

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	
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

BIO 103 Principles of Biology I	4 hours
CHM 111 College Chemistry I	4 hours
MTH 112 Precalculus Algebra	3 hours
Total	11 hours

Area IV – History, Social, and Behavioral Sciences

History	3 hours
Choose from: HIS 101, 102, 201, or 202	
PSY 200 General Psychology	3 hours
PSY 210 Human Growth and Development	3 hours
SOC 200 Introduction to Sociology	3 hours
Total	12 hours

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

BIO 201 Human Anatomy and Physiology I	4 hours
BIO 202 Human Anatomy and Physiology II	4 hours
BIO 220 General Microbiology	4 hours
MTH 265 Elementary Statistics	3 hours
CIS 146 Microcomputer Applications	3 hours
Area V Electives*	1-5 hours
Total	19-23 hours
Total Hours Required for Degree	60-64

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

**Associate in Science Degree
Physics**

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 Speaking3 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

Total12 hours

Area III – Natural Sciences and Mathematics

MTH 125 Calculus I**4 hours
 PHY 201 General Physics I – Trig Based4 hours
 PHY 202 General Physics II – Trig Based4 hours

Total12 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

Total12 hours

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

MTH 126 Calculus II4 hours
 MTH 227 Calculus III4 hours
 MTH 238 Applied Differential Equations3 hours
 PHY 213 General Physics with Calculus I4 hours
 PHY 214 General Physics with Calculus II4 hours
 CIS 130, 146, 231, or 2513 hours

Total22 hours

Total Hours Required for Degree64

* 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 or STARS Transfer Guide:
<http://stars.troy.edu>

**Associate in Science Degree
 Political Science**

Area I – Written Composition

ENG 101 English Composition I3 hours
 ENG 102 English Composition II3 hours
Total6 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 Speaking3 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

Total12 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 higher3 hours
Total11 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;
 PSY 200, 210; SOC 200, 210

Total12 hours

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

POL 211 American National Government3 hours
 POL 220 State and Local Government3 hours
 HIS 101 or 102 Western Civilization I or II3 hours
 CIS3 hours
 Area V Electives**7-11 hours

Total19-23 hours

Total Hours Required for Degree60-64

* 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
 Poultry Science**

Area I – Written Composition

ENG 101 English Composition I3 hours
 ENG 102 English Composition II3 hours
Total6 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 Speaking3 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

Total12 hours

Area III – Natural Sciences and Mathematics

CHM 111 College Chemistry I4 hours
 CHM 112 College Chemistry II4 hours
 MTH 113 Precalculus Trigonometry3 hours

Total11 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; GEO 100;
 POL 211; PSY 200, 210; SOC 200, 210

Total12 hours

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

BIO 103 Principles of Biology I4 hours
 BIO 104 Principles of Biology II4 hours
 CHM 221 Organic Chemistry I**4 hours
 PHY 201 General Physics I**4 hours

CIS 146 Microcomputer Applications	.3 hours
ECO 232 Principles of Microeconomics	.3 hours
Area V Electives***	.0-1 hour
Total	.22-23 hours
Total Hours Required for Degree	.63-64

* Must take a 6 semester-hour sequence in either literature or history.
 ** Students in the Pre-Vet option should also take CHM 222 Organic Chemistry II and PHY 202 General Physics II.
 *** Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>

Associate in Science Degree Pre-Dentistry

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

Area III – Natural Sciences and Mathematics

MTH 113 Precalculus Trigonometry	.3 hours
PHY 201 General Physics I – Trig Based	.4 hours
PHY 202 General Physics II – Trig Based	.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 hours
Choose from: ECO 231; GEO 100; POL 211; PSY 200; SOC 200, 210	
Total	.9-12 hours

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

BIO 103	
BIO 104	
MTH 125**	.4 hours
CHM 111, 112, 221, 222**	.16 hours
CIS 231 or 251	.3 hours
PHL 206**	.3 hours
Total	.26 hours
Total Hours Required for Degree	.64

Students seeking to earn entrance into medical school should choose a major (biology, mathematics, psychology, etc.) and follow the curriculum for that major.

* 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 Pre-Medicine

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

Area III – Natural Sciences and Mathematics

MTH 113 Precalculus Trigonometry	.3 hours
PHY 201 General Physics I – Trig Based	.4 hours
PHY 202 General Physics II – Trig Based	.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 hours
Choose from: ECO 231; GEO 100; POL 211; PSY 200, 210; SOC 200, 210	
Total	.9-12 hours

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

BIO 103	
BIO 104	
MTH 125**	.4 hours
CHM 111, 112, 221, 222**	.16 hours
CIS 231 or 251	.3 hours
PHL 206**	.3 hours
Total	.26 hours
Total Hours Required for Degree	.64

Students seeking to earn entrance into medical school should choose a major (biology, mathematics, psychology, etc.) and follow the curriculum for that major.

* 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 Pre-Pharmacy

Auburn University Pre-Pharmacy

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	
SPH 107 Fundamentals of Public Speaking	.3 hours

Fine Arts Electives*3 hours
 Choose from: ART 100, 203, 204; MUS 101, 115;
 THR 120
Total**12 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 6 hours
 Choose from: HIS 101, 102 or HIS 201, 202
 Social and Behavioral Sciences 6 hours
 Choose 3 hours from Group 1: GEO 100, SOC 200,
 PSY 200
 Choose 3 hours from Group 2: ECO 232, POL 211
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
 PHY 201 General Physics I 4 hours
 MTH 265 Elementary Statistics 3 hours
 BIO 103 Principles of Biology I 4 hours
 BIO 201 Human Anatomy and Physiology I 4 hours
 BIO 202 Human Anatomy and Physiology II 4 hours
 CIS 3 hours
Total**26 hours**
Total Hours Required for Degree**.68**

* Consult four-year catalog and/or STARS Transfer Guide:
<http://stars.troy.edu>. Genomic Biology 3020, Microbiology 3200,
 Biochemistry 3200, and Immunology 3500 are third-year level courses
 that will need to be taken at a four-year institution.

Samford University Pre-Pharmacy

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
 Humanities and Fine Arts Electives** 3-6 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** 3-6 hours
 Choose from: ECO 231; GEO 100; POL 211;
 PSY 200, 210; SOC 200, 210
Total**.9 hours**

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

CHM 221 Organic Chemistry I 4 hours
 CHM 222 Organic Chemistry II 4 hours
 MTH 120 Calculus and Its Applications or
 MTH 125 Calculus I 3-4 hours
 BIO 103 Principles of Biology I 4 hours
 BIO 201 Human Anatomy and Physiology I 4 hours
 BIO 202 Human Anatomy and Physiology II 4 hours
 CIS 3 hours
 PED 2 hours
Total**.31-32 hours**
Total Hours Required for Degree**.69-70**

* 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
 Pre-Veterinary Medicine**

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

BIO 103 Principles of Biology I 4 hours
 BIO 104 Principles of Biology II 4 hours
 CHM 221 Organic Chemistry I 4 hours
 CHM 222 Organic Chemistry II 4 hours
 CIS 130 or 146** 3 hours
Total**.19 hours**
Total Hours Required for Degree**.61**

* 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>