

AA&S in SCIENCE requirements

First Semester (Fall)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS	HIS 101, 111, 121	3
MTH	MTH 161, 261, 245, or 263	3-5
SCI	Natural Science (BIO, CHM, GOL, PHY	4
SDV 101	Orientation to College Success	1
	Total	14-16

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS	HIS 102, 112, 122	3
MTH	MTH 162, 261, 262, 245, 246 or 263	3-5
PED	Physical Education	1
SCI	Natural Science (BIO, CHM, GOL, PHY	4
	Total	14-16

Third Semester (Fall)

Course Number	Course Title	Credits
ENG or HUM	Lit or Humanities Elective	3
EEE	Social Science Elective	3
MTH	Mathematics Elective	3
SCI	SCI, MTH, or ENGINEERING elective #1	4
EEE	Transferable Elective	3
	Total	16

Fourth Semester (Spring)

Course Number	Course Title	Credits
ENG or HUM	Lit or Humanities Elective	3
EEE	Transferable Elective	3
ITE 115 or 119	Information Technology Course	3
SCI	SCI, MTH, or ENGINEERING elective #2	4
CST 100	Principles of Public Speaking	3
	Total	16

Minimum of 60 cr TOTAL

First Semester (Fall)

Science: Biology/Pre-Med (Example-@ VT)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calc	3
BIO 102 (SCI)	Natural Science	4
ART 201 or REL 200	Lit or Humanities Elective	3
	Total	16

Third Semester (Fall)

Course Number	Course Title	Credits
PSY 200 (SOC ELE)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics	3
CHM 111 (SCI ELE)	Science or MTH Elective #1	4
BIO 256 (SCI)	Transferable Elective	4
PED	Physical Education	1
	Total	15

Fourth Semester (Spring)

Course Number	Course Title	Credits
MUS 121 or REL 210	Humanities Elective	3
BIO 278, 215, or 205 (EEE)	Transferable Elective	3 or 4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science or MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	16-17

Total= 61-62

Science: Biology (Example-@ UT)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus	3
BIO 102 (SCI)	Natural Science	4
PHI 100 (HUM ELE)	Lit or Humanities Elective	3
	Total	16

Third Semester (Fall)

Course Number	Course Title	Credits
PSY 200 (SOC ELE)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
BIO 256 (EEE)	Transferable elective	4
PED	Physical Education	1
	Total	15

Fourth Semester (Spring)

Course Number	Course Title	Credits
ART 201(?) or REL 230 (HUM)	Humanities Elective	3
BIO 278, 215, or 205 (EEE)	Transferable Elective	3 or 4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science/Mth Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	16-17

Total= 61-62

First Semester (Fall)

Science: Biology (Example-@ KING)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus	3
BIO 102 (SCI)	Natural Science	4
ART 201 (HUM ELE)	Lit or Humanities Elective	3
	Total	16

Third Semester (Fall)

Course Number	Course Title	Credits
PSY 200 (SOC ELE)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics	3
CHM 111 (SCI ELE)	Science /MTH Elective #1	4
BIO 256 (EEE)	Transferable elective	4
PED	Physical Education	1
	Total	15

Fourth Semester (Spring)

Course Number	Course Title	Credits
REL 200 or 210 (HUM ELE)	Humanities Elective	3
BIO 278, 215, or 205 (EEE)	Transferable Elective	3 or 4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science/MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	16-17

Total= 61-62

## First Semester (Fall)

Science: Biology (Example-@ E&H)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

## Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus	3
BIO 102 (SCI)	Natural Science	4
ART 201 or PHI 100 (HUM)	Lit or Humanities Elective	3
	Total	16

## Third Semester (Fall)

Course Number	Course Title	Credits
PSY 200 (SOC ELE)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics I	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
BIO 256 (EEE)	Transferable elective	4
PED	Physical Education	1
	Total	15

## Fourth Semester (Spring)

Course Number	Course Title	Credits
ART 131 (HUM ELE)	Humanities Elective or FA*	3*satisfies artistic expression
BIO 278, 215, or 205 (EEE)	Transferable Elective	3 or 4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science/MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	16-17

Total= 61-62

First Semester (Fall)

Science: Biology (Example-@ Radford)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 162	Precalc II	3
BIO 102 (SCI)	Natural Science	4
PHI 100	Lit or Humanities Elective	3
	Total	16

Third Semester (Fall)

Course Number	Course Title	Credits
PSY 200 (SOC ELE)	Social Science Elective	3
MTH 263 (MATH ELE)	Calculus I	5
CHM 111 (SCI ELE)	Science or MTH Elective #1	4
BIO 256 (EEE)	Transferable elective	4
PED	Physical Education	1
	Total	17

Fourth Semester (Spring)

Course Number	Course Title	Credits
SOC 200	Humanities Elective	3
BIO 278, 215, or 205 (EEE)	Transferable Elective	3 or 4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science or MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	16-17

Total= 63- 64

## First Semester (Fall)

Science: Chemistry- Pre-health Professionals Option (Example-@ Radford)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
CHM 111 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

## Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 162	Precalc II	3
CHM 112 (SCI)	Natural Science	4
PHI 100 or ART 201	Lit or Humanities Elective	3
	Total	16

## Third Semester (Fall)

Course Number	Course Title	Credits
PSY 200 (SOC ELE)	Social Science Elective	3
MTH 263 (MATH ELE)	Calculus I	5
CHM 241/243 (SCI ELE)	Science or MTH Elective #1	4
PHY 121 or 231 (SCI)	Transferable Elective	4
PED	Physical Education	1
	Total	17

## Fourth Semester (Spring)

Course Number	Course Title	Credits
REL 231 or 232	Humanities Elective	3
PHY 122 or 232 (EEE)	Transferable Elective	4
ITE 115 or 119	Information Technology Course	3
CHM 242/244 (SCI ELE)	Science or MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	17

Total= 64

First Semester (Fall)

Science: Mathematics Pathway #1 w/ Bio or Chm (Example-@ VT )

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 263	Calculus I	5
BIO 101 or CHM 111(SCI)	Natural Science (BIO, CHM, GOL, PHY)	4
SDV 101	Orientation to College Success	1
	Total	16

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 264	Calculus II	5
BIO 102 or CHM 112 (SCI)	Natural Science (BIO, CHM, GOL, PHY)	4
PED	Physical Education	1
	Total	16

Third Semester (Fall)

Course Number	Course Title	Credits
ART 201 or REL 200 (HUM)	Lit or Humanities Elective	3
PSY 200 (SOC ELE)	Social Science Elective	3
MTH 266 (MATH ELE)	Linear Algebra	3
MTH 265 (SCI ELE)	Calculus (Calc III) (SCI/MTH #1)	4
SOC 200	Transferable Elective	3
	Total	16

Fourth Semester (Spring)

Course Number	Course Title	Credits
MUS 121 or REL 210	Humanities Elective	3
MTH 245 (EEE)	Statistics I , Transferable elective	3
ITE 115 or 119	Information Technology Course	3
MTH 267 (SCI ELE)	Differential Equa (Sci/Mth Ele #2)	4
CST 100	Principles of Public Speaking	3
	Total	16

Total= 64

First Semester (Fall)

Science: Mathematics Pathway #2 w/ Physics

First Semester (Fall)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 263	Calculus I	5
SDV 101	Orientation to College Success	1
SOC 200	Transferable Elective	3
	Total	15

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 264	Calculus II	5
ITE 115 or 119	Information Technology Course	3
PED	Physical Education	1
	Total	15

Third Semester (Fall)

Course Number	Course Title	Credits
ART 201 or REL 200 (HUM)	Lit or Humanities Elective	3
PSY 200 (SOC ELE)	Social Science Elective	3
MTH 266 (MATH ELE)	Linear Algebra	3
MTH 267 (SCI ELE)	Calculus (Calc III) (SCI/MTH #1)	4
PHY 231	University Physics I- Natural Science	4
	Total	17

Fourth Semester (Spring)

Course Number	Course Title	Credits
MUS 121 or REL 210	Humanities Elective	3
MTH 245 (EEE)	Statistics I , Transferable elective	3
MTH 267 (SCI ELE)	Differential Equa (Sci/Mth Ele #2)	4
CST 100	Principles of Public Speaking	3
PHY 232	University Physics II-Natural Science	4
	Total	17

Total= 64

First Semester (Fall)

Science: PT/OT (PT Example-@ ETSU)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus	3
BIO 102 (SCI)	Natural Science	4
ART 201,202 or MUS 121	Lit or Humanities Elective (FA for ETSU	3
PED	Physical Education	1
	Total	17

Third Semester (Fall)

Course Number	Course Title	Credits
PSY 200 (SOC ELE)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics I	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
CST 100	Principles of Public Speaking	3
BIO 141 (EEE)	Transferable Elective	4
	Total	17

Fourth Semester (Spring)

Course Number	Course Title	Credits
PHI 100 or REL 230	Humanities Elective	3
BIO 142 (EEE)	Transferable Elective	4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science/MTH Elective #2	4
	Total	14

Total= 62

## First Semester (Fall)

Science: Pre-Pharmacy

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

## Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus I	3
BIO 102 (SCI)	Natural Science	4
ART 201 or MUS 121 (HUM)	Lit or Humanities Elective	3
PED	Physical Education	1
	Total	17

Recommended: Summer Term A: PHY 201 (4)

Summer Term B: PHY 202 (4)

Third

Semester (Fall)

Course Number	Course Title	Credits
ECO 201 or 202 (SOC ELE)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
BIO 141 (EEE)	Transferable Elective	4
	Total	14

## Fourth Semester (Spring)

Course Number	Course Title	Credits
MUS 121 or PHI 100 (HUM)	Humanities Elective	3
BIO 142 (EEE)	Transferable Elective	4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science/MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	17

Total= 62

Still Required: CHM 241/243 (4), CHM 242/244 (4), BIO 205

## First Semester (Fall)

Science: Clinical Laboratory Science-PATH 1 (@VCU)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 141 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

## Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus	3
BIO 142 (SCI)	Natural Science	4
ART 201 or REL 210(HUM)	Lit or Humanities Elective	3
	Total	16

## Third Semester (Fall)

Course Number	Course Title	Credits
ECO 201 or SOC 200 (SOC E)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
BIO 101 (EEE)	Transferable Elective	4
PED	Physical Education	1
	Total	15

## Fourth Semester (Spring)

Course Number	Course Title	Credits
MUS 121 or PHI 100 (HUM)	Humanities Elective	3
BIO 205 (EEE)	Transferable Elective	4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science/MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	17

Total= 62

Still required for entry into CLS program: Summer Term A: CHM 241/243 (4)

First Semester (Fall)

Science: Clinical Laboratory Science-PATH 2 (@VCU)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
BIO 141 (SCI)	Natural Science	4
MTH 161	Precalc I	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
SDV 101	Orientation to College Success	1
	Total	15

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
BIO 142 (SCI)	Natural Science	4
MTH 261	Applied Calculus	3
CHM 112 (SCI ELE)	Science/MTH Elective #2	4
ART 201 or REL 210 (HUM)	Lit or Humanities Elective	3
	Total	17

Third Semester (Fall)

Course Number	Course Title	Credits
HIS 121	American History I	3
ECO 201 or SOC 200 (SOC E)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics	5
CHM 241/243 (EEE)	Transferable Elective	4
PED	Physical Education	1
	Total	16

Fourth Semester (Spring)

Course Number	Course Title	Credits
HIS 122	American History II	3
MUS 121 or PHI 100 (HUM)	Humanities Elective	3
BIO 101 (EEE)	Transferable Elective	4
ITE 115 or 119	Information Technology Course	3
CST 100	Principles of Public Speaking	3
	Total	16

Total= 64

Science: Wildlife Sciences (Example-@ VT)

First Semester (Fall)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus	3
BIO 102 (SCI)	Natural Science	4
ART 201 or REL 200	Lit or Humanities Elective	3
	Total	16

Third Semester (Fall)

Course Number	Course Title	Credits
ECO 201 or 202 (SOC ELE)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
SOC 200 (EEE)	Transferable Elective	3
PED	Physical Education	1
	Total	14

Fourth Semester (Spring)

Course Number	Course Title	Credits
MUS 121 or REL 210	Humanities Elective	3
BIO 278 or BIO 215 (EEE)	Transferable Elective	3-4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science/MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	16-17

Total= 60-61

Science: Wildlife Sciences (Example-@ UT)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus	3
BIO 102 (SCI)	Natural Science	4
PHI 100 (HUM ELE)	Lit or Humanities Elective	3
	Total	16

Third Semester (Fall)

Course Number	Course Title	Credits
ECO 201 or 202 (SOC ELE)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
SOC 200 (EEE)	Transferable Elective	3-4
PED	Physical Education	1
	Total	14-15

Fourth Semester (Spring)

Course Number	Course Title	Credits
ART 201 or REL 230 (HUM)	Humanities Elective	3
BIO 278 or BIO 215 (EEE)	Transferable Elective	3-4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	16-17

Total= 60-62

Science: Wildlife Sciences (Example-Conservation Biology @ LMU)  
 \* Student must check transfer equivalency information for Calc. and Genetics

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus	3
BIO 102 (SCI)	Natural Science	4
PHI 100 (HUM ELE)	Lit or Humanities Elective	3
PED	Physical Education	1
	Total	17

Third Semester (Fall)

Course Number	Course Title	Credits
ECO 202 (SOC ELE)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics I	3
MTH 263 (SCI ELE)	Calc I Science/MTH Elective #1	5
BIO 256 (EEE)	Transferable Elective	4
	Total	15

Fourth Semester (Spring)

Course Number	Course Title	Credits
ART 131 (HUM/FA)	Humanities/FA Elective	3
SOC 200 (EEE)	Transferable Elective	3
ITE 115 or 119	Information Technology Course	3
BIO 215 or BIO 278 (SCI ELE)	Science/MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	16

Total= 62

Science: Forestry (Example-@ VT)

First Semester (Fall)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus	3
BIO 102 (SCI)	Natural Science	4
ART 201 (HUM ELE)	Lit or Humanities Elective	3
	Total	16

Third Semester (Fall)

Course Number	Course Title	Credits
ECO 201 (SOC ELE)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
BIO 215 (EEE)	Transferable Elective	3
PED	Physical Education	1
	Total	14

Fourth Semester (Spring)

Course Number	Course Title	Credits
MUS 121 (HUM ELE)	Humanities Elective	3
ECO 202 (EEE)	Transferable Elective	3
ITE 115 or 119	Information Technology Course	3
GOL 105 (SCI ELE)	Science/MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	16

Total= 60

Science: Forestry (Example-@ UT)

First Semester (Fall)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus	3
BIO 102 (SCI)	Natural Science	4
PHI 100 (HUM ELE)	Lit or Humanities Elective	3
	Total	16

Third Semester (Fall)

Course Number	Course Title	Credits
ECO 201 (SOC ELE)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
Bio 215 (EEE)	Transferable Elective	3
PED	Physical Education	1
	Total	14

Fourth Semester (Spring)

Course Number	Course Title	Credits
ART 201 or REL 230	Humanities Elective	3
ECO 202 (EEE)	Transferable Elective	3
ITE 115 or 119	Information Technology Course	3
GOL 105 (SCI)	Science/MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	16

Total= 60

First Semester (Fall)

Science: Pre-Veterinary Medicine (Animal Science) (Example-@ VT)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus	3
BIO 102 (SCI)	Natural Science	4
ART 201 (HUM ELE)	Lit or Humanities Elective	3
	Total	16

Third Semester (Fall)

Course Number	Course Title	Credits
ECO 201 (SOC ELE)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
MTH 155 (EEE)?	Statistical Reasoning or Transferable MTH Elec.	3
PED	Physical Education	1
	Total	14

Fourth Semester (Spring)

Course Number	Course Title	Credits
MUS 121 (HUM ELE)	Humanities Elective	3
BIO 205 (EEE)	Transferable Elective	4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science/MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	17

Total= 61

First Semester (Fall)

Science: Pre-Veterinary Medicine (Example-@ ETSU)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 671	Applied Calculus	3
BIO 102 (SCI)	Natural Science	4
ART 201,202 or MUS 121	Lit or Humanities Elective (FA for ETSU)	3
	Total	16

Third Semester (Fall)

Course Number	Course Title	Credits
PSY 200 or SOC 200(SOC ELE)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
PHY 121 or 201 (EEE)	Transferable Elective	4
PED	Physical Education	1
	Total	15

Fourth Semester (Spring)

Course Number	Course Title	Credits
PHI 100 or REL 230	Humanities Elective	3
PHY 122 or 202 (EEE)	Transferable Elective	4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science/MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	17

Total= 62

First Semester (Fall)

Science: Pre-Chiropractic (Example-@ ETSU)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus	3
BIO 102 (SCI)	Natural Science	4
ART 201,202 or MUS 121	Lit or Humanities Elective (FA for ETSU)	3
	Total	16

Third Semester (Fall)

Course Number	Course Title	Credits
PSY 200 or SOC 200(SOC ELE)	Social Science Elective	3
MTH 155 (MATH ELE)	Statistical Reasoning	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
PHY 121 or 201 (EEE)	Transferable Elective	4
PED	Physical Education	1
	Total	15

Fourth Semester (Spring)

Course Number	Course Title	Credits
PHI 100 or REL 230	Humanities Elective	3
PHY 122 or 202 (EEE)	Transferable Elective	4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science/MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	17

Total= 62

First Semester (Fall)

Science: Pre-Dentistry (Example-@ ETSU)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus	3
BIO 102 (SCI)	Natural Science	4
ART 201,202 or MUS 121	Lit or Humanities Elective (FA for ETSU)	3
	Total	16

Third Semester (Fall)

Course Number	Course Title	Credits
PSY 200 or SOC 200(SOC ELE)	Social Science Elective	3
MTH 245 (MATH ELE)	Statistics	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
PHY 121 or 201 (EEE)	Transferable Elective	4
PED	Physical Education	1
	Total	15

Fourth Semester (Spring)

Course Number	Course Title	Credits
PHI 100 or REL 230	Humanities Elective	3
PHY 122 or 202 (EEE)	Transferable Elective	4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science/MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	17

Total= 62

Science: Pre-Optometry (Example-@ ETSU)

First Semester (Fall)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 162	Precalc II	3
BIO 102 (SCI)	Natural Science	4
ART 201,202 or MUS 121	Lit or Humanities Elective (FA for ETSU)	3
PED	Physical Education	1
	Total	17

Third Semester (Fall)

Course Number	Course Title	Credits
PSY 200 (SOC ELE)	Social Science Elective	3
MTH 263 (MATH ELE)	Calculus I	5
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
PHY 231 (EEE)	Transferable Elective	4
	Total	16

Fourth Semester (Spring)

Course Number	Course Title	Credits
PHI 100 or REL 230	Humanities Elective	3
PHY 232 (EEE)	Transferable Elective	4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science/MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	17

Total= 64

Science: Pre-PA (Example-@ ETSU)

First Semester (Fall)

Course Number	Course Title	Credits
ENG 111	College Composition I	3
HIS 121	American History I	3
MTH 161	Precalc I	3
BIO 101 (SCI)	Natural Science	4
SDV 101	Orientation to College Success	1
	Total	14

Second Semester (Spring)

Course Number	Course Title	Credits
ENG 112	College Composition II	3
HIS 122	American History II	3
MTH 261	Applied Calculus	3
BIO 102 (SCI)	Natural Science	4
ART 201,202 or MUS 121	Lit or Humanities Elective (FA for ETSU	3
	Total	16

Third Semester (Fall)

Course Number	Course Title	Credits
PSY 200 (SOC ELE)	Social Science Elective	3
MTH 155 (MATH ELE)	Statistical Reasoning	3
CHM 111 (SCI ELE)	Science/MTH Elective #1	4
Bio 141 (EEE)	Transferable Elective	4
PED	Physical Education	1
	Total	15

Fourth Semester (Spring)

Course Number	Course Title	Credits
PHI 100 or REL 230	Humanities Elective	3
Bio 142 (EEE)	Transferable Elective	4
ITE 115 or 119	Information Technology Course	3
CHM 112 (SCI ELE)	Science/MTH Elective #2	4
CST 100	Principles of Public Speaking	3
	Total	17

Total= 62