Associate in Science

BS, Exercise Science, Clinical Exercise Physiology, 567E
Appalachian State University
College of Health Sciences
Department of Health and Exercise Science
Program of Study
2016-2017

Universal General Education Transfer Component (UGETC)

| | | • | | ducation Transfer Component (UGETC) | | | |
|--|--|--|---|---|----------------------|--|--|
| English Composition (6 S | SCH) | | | The following two English composition courses are required. | | | |
| Prefix | Course Name | Credit Hours | Pre-requisites | University Course Equivalent | Credit Hours | Required or Preferred by Major | Notes |
| ENG 111 | Expository Writing | 3 | None | RC 1000 | 3 | Required | |
| NG 112 | Argument-Based Research | 3 | ENG 111 | RC 2001 | 3 | Required | |
| Total Credit Hours Requ | ired | 6 | | | 6 | | |
| Humanities/Fine Arts (6 | S CCH) | | | Students will select two courses from at least two different disciplines: | | | |
| Prefix | Course Name | Credit Hours | Pre-requisites | University Course Equivalent | Credit Hours | Required or Preferred by Major | Notes |
| ART 111 | Art Appreciation | | None | ART 2011 | 3 | nequired <u>or</u> Freienced by major | Hotes |
| ART 114 | Art History Survey I | | None | ART 2030 | 3 | | |
| ART 115 | Art History Survey II | | None | ART 2130 | 3 | | |
| COM 231 | Public Speaking | | None | COM 2101 | 3 | | |
| NG 231 | American Literature I | 3 | ENG 112, 113 or 114 | ENG 2350 | 3 | | |
| ENG 232 | American Literature II | 3 | ENG 112, 113 or 114 | ENG 2350 | 3 | | |
| NG 241 | British Literature I | | ENG 112, 113, 114 | ENG 2050 | 3 | | |
| NG 242 | British Literature II | | ENG 112, 113, 114 | ENG 2050 | 3 | | |
| MUS 110 | Music Appreciation | | None | MUS 2011 | 3 | | |
| /US 112 | Introduction to Jazz | | None | MUS 2014 | 3 | | |
| PHI 215 | Philosophical Issues | | ENG 111 | PHL Elective | 3 | | |
| PHI 240 | Introduction to Ethics | | ENG 111 | PHL 2000 | 3 | | |
| otal Credit Hours Requ | | 6 | | | 6 | • | • |
| ocial /Behavioral Scien | ose (6 SCH) | | | Charles and the second | | | |
| Prefix | Course Name | Credit Hours | Pre-requisites | Students will select <u>two</u> courses from at least two different disciplines: University Course Equivalent | Credit Hours | Required or Preferred by Major | Notes |
| CO 251 | Principles of Microeconomics | | | ECO 2030 | Credit Hours | Required or Preferred by Major | Notes |
| CO 252 | Principles of Macroeconomics Principles of Macroeconomics | | None None | ECO 2040 | 3 | | |
| HS 111 | World Civilizations I | | None | HIS 1101 | 3 | | |
| 1IS 111 HIS 112 | World Civilizations I | | None | HIS 1101 HIS 1102 | 3 | | |
| 1IS 131 | American History I | | None | HIS 1200 | 3 | | |
| 1IS 131 | American History II | | None | HIS 1200 | 3 | | |
| PSY 150 | General Psychology | | None | PSY 1200 | 3 | Required | |
| POL 120 | American Government | | None | P S 1100 | 3 | Kequireu | |
| SOC 210 | Introduction to Sociology | | | SOC 1000 | 3 | | |
| Total Credit Hours Requi | | l3 | None | 300 1000 | 6 | <u>I</u> | J |
| | incu | | | | | | |
| Mathematics (8 SCH) | | | , | Students will select two course from the following: | _ | | |
| Prefix | Course Name | Credit Hours | Pre-requisites | University Course Equivalent | Credit Hours | Required or Preferred by Major | Notes |
| MAT 171 | Precalculus Algebra | | None | MAT 1020 | 4 | Required | |
| MAT 172 | | | | | 1 - | | |
| | Precalculus Trigonometry | | MAT 171 | GEP MAT | 4 | | |
| | Brief Calculus | 4 | MAT 171 | GEP MAT MAT 1035 | 4 | | |
| MAT 271 | Brief Calculus Calculus I | 4 | MAT 171 MAT 172 | GEP MAT MAT 1035 MAT 1110 | 4 | | |
| MAT 271 MAT 272 | Brief Calculus Calculus I Calculus II | 4 4 | MAT 171 MAT 172 MAT 271 | GEP MAT MAT 1035 | 4 4 | | |
| MAT 271 MAT 272 | Brief Calculus Calculus I Calculus II | 4 | MAT 171 MAT 172 MAT 271 | GEP MAT MAT 1035 MAT 1110 | 4 4 4 8 | | |
| MAT 271 MAT 272 Total Credit Hours Requ | Brief Calculus Calculus I Calculus II sired | 4 4 8 | MAT 171 MAT 172 MAT 271 | GEP MAT MAT 1035 MAT 1110 | 4 4 4 8 | | |
| MAT 271 MAT 272 Total Credit Hours Requ Natural Sciences (8 SCH) Prefix | Brief Calculus Calculus I Calculus II iired Course Name | 4 4 8 Credit Hours | MAT 171 MAT 172 MAT 271 Pre-requisites | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent | 4 4 4 8 Credit Hours | Required or Preferred by Major | Notes |
| MAT 271 MAT 272 Total Credit Hours Requ Natural Sciences (8 SCH) Prefix | Brief Calculus Calculus I Calculus II sired | 4 4 8 Credit Hours | MAT 171 MAT 172 MAT 271 | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 | | | Notes |
| MAT 271 MAT 272 Total Credit Hours Requivatural Sciences (8 SCH) Prefix AST 151/151A BIO 110 | Brief Calculus Calculus I Calculus II sired Course Name General Astronomy I and lab I Principles of Biology | 4 4 8 Credit Hours 4 4 | MAT 171 MAT 172 MAT 271 Pre-requisites None None | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 | | | |
| MAT 271 MAT 272 Total Credit Hours Requivatural Sciences (8 SCH) Prefix IST 151/151A BIO 110 BIO 111 | Brief Calculus Calculus I Calculus II ilred Course Name General Astronomy I and lab I Principles of Biology General Biology I | Credit Hours | MAT 171 MAT 172 MAT 271 MAT 271 Pre-requisites None None None | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 BIO 1201/BIO 1204 | | | must take both BIO 111 and BIO 112 |
| MAT 271 MAT 272 Total Credit Hours Requivatural Sciences (8 SCH) Prefix IST 151/151A BIO 110 BIO 111 | Brief Calculus Calculus I Calculus II sired Course Name General Astronomy I and lab I Principles of Biology | Credit Hours | MAT 171 MAT 172 MAT 271 Pre-requisites None None | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 | | | |
| MAT 271 MAT 272 Total Credit Hours Requi Natural Sciences (8 SCH) Prefix AST 151/151A BIO 110 BIO 111 BIO 112 CHM 151 | Brief Calculus Calculus I Calculus II ilred Course Name General Astronomy I and lab I Principles of Biology General Biology I | Credit Hours | MAT 171 MAT 172 MAT 271 MAT 271 Pre-requisites None None None BIO 111 None | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select <u>8 SCH</u> from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 BIO 1202/BIO 1204 BIO 1202/BIO 1205 CHE 1101/1110 | | Required or Preferred by Major Required - See Notes | must take both BIO 111 and BIO 112 must take both BIO 111 and BIO 112 must take both CHM 151 and CHM 152 |
| AST 151/151A BIO 110 BIO 111 BIO 112 CHM 151 CHM 152 | Brief Calculus Calculus I Calculus II iired Course Name General Astronomy I and lab I Principles of Biology General Biology II General Biology II | Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | MAT 171 MAT 172 MAT 271 Pre-requisites None None None BIO 111 None CHM 151 | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 BIO 1202/BIO 1204 BIO 1202/BIO 1205 CHE 1101/1110 CHE 1102/1120 | | Required or Preferred by Major | must take both BIO 111 and BIO 112 must take both BIO 111 and BIO 112 |
| MAT 271 MAT 272 fotal Credit Hours Requ Natural Sciences (8 SCH) Prefix AST 151/151A BIO 110 BIO 111 BIO 112 CHM 151 CHM 151 | Brief Calculus Calculus I Calculus II irred Course Name General Astronomy I and lab I Principles of Biology General Biology I General Biology I General Chemistry I | Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | MAT 171 MAT 172 MAT 271 MAT 271 Pre-requisites None None None BIO 111 None | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select <u>8 SCH</u> from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 BIO 1202/BIO 1204 BIO 1202/BIO 1205 CHE 1101/1110 | | Required or Preferred by Major Required - See Notes | must take both BIO 111 and BIO 112 must take both BIO 111 and BIO 112 must take both CHM 151 and CHM 152 |
| MAT 271 MAT 272 Total Credit Hours Requi Natural Sciences (8 SCH) Prefix NST 151/151A 1810 110 1810 111 1810 112 1814 151 1814 151 1815 1814 1815 1815 1816 1815 1817 1818 1818 1818 1818 1818 1819 1819 1 | Brief Calculus Calculus I Calculus II clarulus II clarulus II course Name General Astronomy I and lab I Principles of Biology General Biology I General Biology II General Chemistry I General Chemistry II | Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | MAT 171 MAT 172 MAT 271 Pre-requisites None None None BIO 111 None CHM 151 None None | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 BIO 1201/BIO 1204 BIO 1202/BIO 1205 CHE 1101/1110 CHE 1102/1120 GIY 1101 PHY 1100 | | Required or Preferred by Major Required - See Notes | must take both BIO 111 and BIO 112 must take both BIO 111 and BIO 112 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take course with lab |
| MAT 271 MAT 272 Total Credit Hours Requ Natural Sciences (8 SCH) Prefix AST 151/151A 1810 110 1810 111 1810 112 CHM 151 CHM 152 SEL 111 PHY 110/110A PHY 151 | Brief Calculus Calculus I Calculus I Calculus II ilred Course Name General Astronomy I and lab I Principles of Biology General Biology I General Biology II General Chemistry I General Chemistry II Introduction Geology Conceptual Physics and Lab College Physics I | Credit Hours 4 4 4 8 8 Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | MAT 171 MAT 172 MAT 271 Pre-requisites None None None EIO 111 None CHM 151 None None MAT 171 | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 BIO 1202/BIO 1205 CHE 1101/1110 CHE 1102/1120 GIY 1101 PHY 1100 PHY 1103 | | Required or Preferred by Major Required - See Notes | must take both BIO 111 and BIO 112 must take both BIO 111 and BIO 112 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take course with lab must take PHY 151 and PHY 152 |
| MAT 271 MAT 271 MAT 272 MAT 272 Frefix ST 151/151A SIO 110 SIO 111 SIO 112 SIHM 151 SIHM 152 SEL 111 HHY 110/110A | Brief Calculus Calculus I Calculus II Calculus II Irred Course Name General Astronomy I and lab I Principles of Biology General Biology I General Biology II General Chemistry I Introduction Geology Conceptual Physics and Lab College Physics II College Physics II | 4 4 4 4 4 4 4 4 4 4 | MAT 171 MAT 172 MAT 271 Pre-requisites None None None BIO 111 None CHM 151 None None None None HONE None None None None None | GEP MAT MAT 1035 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 BIO 1202/BIO 1204 BIO 1202/BIO 1205 CHE 1101/1110 CHE 1102/1120 GLY 1101 PHY 1100 PHY 1100 PHY 1100 PHY 1104 | | Required or Preferred by Major Required - See Notes Required - See Notes | must take both BIO 111 and BIO 112 must take both BIO 111 and BIO 112 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take course with lab must take PHY 151 and PHY 152 must take PHY 151 and PHY 152 |
| MAT 271 MAT 272 Total Credit Hours Requi Natural Sciences (8 SCH) Prefix IST 151/151A III 0110 III 010 III 0112 III 1115 III 115 III 115 | Brief Calculus Calculus I Calculus II Calculus II Irred Course Name General Astronomy I and lab I Principles of Biology General Biology II General Biology II General Chemistry I Introduction Geology Conceptual Physics and Lab College Physics I General Physics II General Physics II | Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 | MAT 171 MAT 172 MAT 271 Pre-requisites None None None BIO 111 None CHM 151 None None None None None MAT 171 PHY 151 MAT 271 | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 BIO 1201/BIO 1204 BIO 1202/BIO 1205 CHE 1101/1110 CHE 1102/1120 GIV 1101 PHY 1100 PHY 1100 PHY 1103 PHY 1104 PHY 1150 | | Required or Preferred by Major Required - See Notes Required - See Notes Required - See Notes Required - See Notes | must take both BIO 111 and BIO 112 must take both BIO 111 and BIO 112 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take course with lab must take PHY 151 and PHY 152 must take PHY 151 and PHY 152 must take PHY 251 and PHY 252 |
| MAT 271 MAT 271 MAT 272 MAT 272 MAT 272 Prefix ST 151/151A BIO 1110 BIO 111 BIO 112 CHM 151 CHM 151 CHM 152 SEL 111 PPY 110/110A PHY 151 PHY 152 | Brief Calculus Calculus I Calculus I Calculus II ilred Course Name General Astronomy I and lab I Principles of Biology General Biology I General Biology II General Chemistry I General Chemistry II Introduction Geology Conceptual Physics and Lab College Physics II General Physics II General Physics II General Physics II | 4 | MAT 171 MAT 172 MAT 271 Pre-requisites None None None BIO 111 None CHM 151 None MAT 271 MAT 271 MAT 272 MAT | GEP MAT MAT 1035 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 BIO 1202/BIO 1204 BIO 1202/BIO 1205 CHE 1101/1110 CHE 1102/1120 GLY 1101 PHY 1100 PHY 1100 PHY 1100 PHY 1104 | Credit Hours | Required or Preferred by Major Required - See Notes Required - See Notes Required - See Notes Required - See Notes Required - See Notes | must take both BIO 111 and BIO 112 must take both BIO 111 and BIO 112 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take course with lab must take PHY 151 and PHY 152 must take PHY 151 and PHY 152 |
| MAT 271 MAT 272 Total Credit Hours Requ Natural Sciences (8 SCH) Prefix AST 151/151A BIO 110 BIO 111 BIO 112 CHM 151 | Brief Calculus Calculus I Calculus I Calculus II ilred Course Name General Astronomy I and lab I Principles of Biology General Biology I General Biology II General Chemistry I General Chemistry II Introduction Geology Conceptual Physics and Lab College Physics II General Physics II General Physics II General Physics II | Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 | MAT 171 MAT 172 MAT 271 Pre-requisites None None None BIO 111 None CHM 151 None MAT 271 MAT 271 MAT 272 MAT | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 BIO 1201/BIO 1204 BIO 1202/BIO 1205 CHE 1101/1110 CHE 1102/1120 GIV 1101 PHY 1100 PHY 1100 PHY 1103 PHY 1104 PHY 1150 | | Required or Preferred by Major Required - See Notes Required - See Notes Required - See Notes Required - See Notes Required - See Notes | must take both BIO 111 and BIO 112 must take both BIO 111 and BIO 112 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take course with lab must take PHY 151 and PHY 152 must take PHY 151 and PHY 152 must take PHY 251 and PHY 252 |
| MAT 271 MAT 272 Total Credit Hours Requ Natural Sciences (8 SCH) Prefix AST 151/151A BIO 110 BIO 110 BIO 111 BIO 112 CHM 151 CHM 152 CHM 152 CHM 152 CHM 154 CHM 154 CHM 155 CHM 154 CHM 155 CHM 155 CHM 156 CHM 157 CH | Brief Calculus Calculus I Calculus II Calculus II Irred Course Name General Astronomy I and lab I Principles of Biology General Biology I General Biology I General Chemistry I General Chemistry II Introduction Geology Conceptual Physics and Lab College Physics II General Physics II | Credit Hours 8 Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 8 | MAT 171 MAT 172 MAT 271 Pre-requisites None None None BIO 111 None CHM 151 None None MAT 271 MAT 272 MAT 271 MAT 271 MAT 272 MAT 272 MAT 272 MAT 272 | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 BIO 1201/BIO 1204 BIO 1202/BIO 1205 CHE 1101/1110 CHE 1102/1120 GIV 1101 PHY 1100 PHY 1100 PHY 1103 PHY 1104 PHY 1150 | Credit Hours | Required or Preferred by Major Required - See Notes Required - See Notes Required - See Notes Required - See Notes Required - See Notes | must take both BIO 111 and BIO 112 must take both BIO 111 and BIO 112 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take course with lab must take PHY 151 and PHY 152 must take PHY 151 and PHY 152 must take PHY 251 and PHY 252 |
| MAT 271 MAT 272 Total Credit Hours Requivalences (8 SCH) Prefix SST 151/151A 180 110 180 111 180 112 181 115 18 | Brief Calculus Calculus I Calculus II Calculus II Irred Course Name General Astronomy I and lab I Principles of Biology General Biology I General Biology I General Chemistry I General Chemistry II Introduction Geology Conceptual Physics and Lab College Physics II General Physics II | 4 | MAT 171 MAT 172 MAT 271 Pre-requisites None None None BIO 111 None CHM 151 None None MAT 271 MAT 272 MAT 271 MAT 271 MAT 272 MAT 272 MAT 272 MAT 272 | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 BIO 1201/BIO 1204 BIO 1202/BIO 1205 CHE 1101/1110 CHE 1102/1120 GIV 1101 PHY 1100 PHY 1100 PHY 1103 PHY 1104 PHY 1150 | Credit Hours | Required or Preferred by Major Required - See Notes Required - See Notes Required - See Notes Required - See Notes Required - See Notes | must take both BIO 111 and BIO 112 must take both BIO 111 and BIO 112 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take course with lab must take PHY 151 and PHY 152 must take PHY 151 and PHY 152 must take PHY 251 and PHY 252 |
| MAT 271 MAT 272 Total Credit Hours Requivalences (8 SCH) Prefix SST 151/151A 180 110 180 111 180 112 181 115 18 | Brief Calculus Calculus I Calculus I Calculus II irred Course Name General Astronomy I and lab I Principles of Biology General Biology I General Biology II General Chemistry II Introduction Geology Conceptual Physics and Lab College Physics II General Physics II Il Introduction Geology | Credit Hours Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 | MAT 171 MAT 172 MAT 271 Pre-requisites None None None BIO 111 None CHM 151 None None None HAT 271 MAT 271 MAT 271 MAT 271 MAT 272 MAT 272 and PHY 251 | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 BIO 1202/BIO 1204 BIO 1202/BIO 1205 CHE 1102/1110 CHE 1102/1120 GIY 1101 PHY 1100 PHY 1100 PHY 1103 PHY 1150 PHY 1151 | Credit Hours | Required or Preferred by Major Required - See Notes Required - See Notes Required - See Notes Required - See Notes Required - See Notes | must take both BIO 111 and BIO 112 must take both BIO 111 and BIO 112 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take course with lab must take PHY 151 and PHY 152 must take PHY 151 and PHY 152 must take PHY 251 and PHY 252 |
| MAT 271 MAT 272 MAT 272 MAT 272 MAT 272 Prefix ST 151/151A 310 110 310 111 310 112 | Brief Calculus Calculus I Calculus I Calculus II irred Course Name General Astronomy I and lab I Principles of Biology General Biology I General Biology II General Chemistry II Introduction Geology Conceptual Physics and Lab College Physics II General Physics II Il Introduction Geology | Credit Hours Credit Hours 4 4 4 4 4 4 4 4 4 4 4 4 4 | MAT 171 MAT 172 MAT 271 Pre-requisites None None None BIO 111 None CHM 151 None None None MAT 171 PHY 151 MAT 271 MAT 272 and PHY 251 Ses (11-12 SHC): | GEP MAT MAT 1035 MAT 1110 MAT 1120 Students will select 8 SCH from the following courses: University Course Equivalent AST 1001 BIO 1201/BIO 1204 BIO 1201/BIO 1204 BIO 1202/BIO 1205 CHE 1101/1110 CHE 1102/1120 GIV 1101 PHY 1100 PHY 1100 PHY 1103 PHY 1104 PHY 1150 | Credit Hours | Required or Preferred by Major Required - See Notes Required - See Notes Required - See Notes Required - See Notes Required - See Notes | must take both BIO 111 and BIO 112 must take both BIO 111 and BIO 112 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take both CHM 151 and CHM 152 must take course with lab must take PHY 151 and PHY 152 must take PHY 151 and PHY 152 must take PHY 251 and PHY 252 |

| BIO 111 | General Biology I | 4 | BIO 1801 | 4 | UGETC | Required by major |
|-----------------------------|---------------------------------------|---|------------------------|----|----------|--|
| BIO 168 | Anatomy & Physiology I | 4 | E S 2031 | 4 | Elective | Required by major |
| PHY 151/CHM 151 | College Physics I/General Chemistry I | 4 | PHY 1103/CHE 1101/1110 | 4 | UGETC | Take science sequence not previously taken |
| Total Credit Hours Required | | | | 12 |) | |

Total General Education Hours Required

46

46

| | Other REQUIRED HOURS (14-15 SHC): These courses must be classified as pre-major, elective or general education within the CAA. | | | | | | |
|-----------------------|--|--------------|-----------------|------------------------------|---------------------|------------------------|-------------------|
| Prefix | Course Name | Credit Hours | Pre-requisites | University Course Equivalent | Credit Hours | Category | Notes |
| ACA 122 | College Transfer Success | 1 | None | | 1 | GEC | required by CAA |
| BIO 169 | Anatomy & Physiology II | 4 | BIO 168 | E S 2032 | 4 | Pre-Major | Required by major |
| PHY 152/CHM 152 | College Physics II/General Physics II | 4 | PHY 151/CHM 151 | PHY 1104/CHE 1102/1120 | 4 | See Notes | Required by major |
| NUT 110 OR BIO 155 | Nutrition | 3 | | NUT 2202 | 3 | Elective | Required by major |
| re-Major/GEC/Elective | | 3 | | | 3 | Pre-Major/GEC/Elective | |

Other Required Hours (15-16 SCH)

15

15

Total Semester Credit Hours in Program: 61

| | Plan: Exercise Science, Clinical Exercise Physiology | Harris | Makes | |
|---------|--|--------|---|--------------------------|
| emester | Course | Hours | Notes | |
| | ES 2002 Introduction to Exercise Science | 3 | Major Requirement | |
| | NUT 2202 Nutrition | 3 | If taken at community college, take Free Elective | |
| | ES 2005 Introduction to Physiological Assessment | 3 | Major Requirement | |
| | ES 2020 Measurement and Evaluation in Exercise Science | 3 | Major Requirement - STT 2810 or 2820 (MAT 151 or 152) can count | |
| | PE Activity Course (1530-1889) | 1 | Major Requirement | |
| | Free Elective | 3 | Major Requirement | 16 |
| | ES 3002 Exercise Physiology | 3 | Writing in the Discipline | |
| | ES 3550 Introduction to Biomechanics | 4 | Major Requirement | |
| | Interdisciplinary Studies Course | 3 | Major Requirement | |
| | Interdisciplinary Studies Course | 3 | Major Requirement | |
| | Free Elective | 3 | Major Requirement | 16 |
| | ES 4625 Concepts of Clinical Exercise Testing | 3 | Major Requirement | |
| | PE Activity Course (1530-1889) | 1 | Major Requirement | |
| | ES 4620 Cardiovascular Physiology | 3 | Major Requirement | |
| | Interdisciplinary Studies Course | 3 | Major Requirement | |
| | ES 3005 Advanced Physiological Assessment | 3 | CAPSTONE | |
| | Free Elective | 2 | | 15 |
| | ES 3900 Internship | 6 | Major Requirement | |
| | ES 4645 Cardiopulmonary Pathophysiology & Rehabilitation | 3 | Major Requirement | |
| | Interdisciplinary Studies Course | 3 | Major Requirement | |
| | Interdisciplinary Studies Course | 3 | Major Requirement | 15 |
| | | | | 62 |
| | | | | 61 transfer hours |
| | | | | 123 hours for graduation |

Chemistry <u>and</u> Physics sequences are both required for this major.

- Residency Requirements:
 31 hours must be from ASU
- 18 hours in the major must be from ASU
- 9 hours in the minor must be from ASU
- Final 30 hours must be courses taken through ASU (includes internships, study abroad taken through ASU)