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| Cluster: | Health, Environmental and Life Sciences | Pathway: | Environmental and Life Science |
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Meade High School Program

| Graduation Requirements | Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|--|--------------------------------------|--|---|--|
| English - 4 | English 9 | English 10 | AP English Language or English 11 | AP English Literature or English 12 |
| Social Studies - 3 | US Government | AP European History or World Civilizations | AP US History or US History | AP US Government or AP Economics or other Social Studies elective |
| Mathematics – 3/4 (Choose a sequence) | Geometry or Algebra 1 | Algebra 2 or Geometry | Pre-Calculus or Algebra 2 | AP Calculus or Pre-Calculus or Math elective |
| Science - 3 | Biology or Matter & Energy | Chemistry or Biology | Human Physiology and Nutritional Science OR Zoology | AP Biology or AP Chemistry or AP Environmental or other Science elective |
| Physical Education - .5/1 Health Education - .5 | .5 PE | .5 Health | .5 PE | PE elective |
| Fine Arts - 1 | .5 Fine Art | .5 Fine Art | Art elective | Art elective |
| Technology Education - 1 | Keyboarding and Intro. to Technology | Advanced Keyboarding and Intro. to Computers | Office Systems Management Sports Medicine | Advanced Technology Systems |
| Foreign Language - 2 and/or Adv.Tech - 2 | Language Spanish II Latin | Language Spanish III Latin II | Language Spanish IV Latin III | Language AP Spanish Latin IV |
| Suggested Pathway Electives | | Oceanography and Marine Biology OR Botany and Geology or Astronomy | SAT Prep. Environmental Science | Professional Career Internship |
| CTE Completer Requirements - 4 | NA | NA | NA | NA |

Examples of careers students are preparing to enter: Forest Ranger, Zoologist, Veterinary Technician, Veterinarian, Hazmat Specialist, Animal Trainer

<http://www.aacps.org/aacps/boe/commu/slc/health.htm>

Two Year College Program Sequence – Recommended

Options at AACC <http://www.aacc.edu/catalog/>

- Science and Premedical Professional A.S. Degree Options
- Astronomy Option
- Biology Option
- Chemistry Option
- Environmental Science Option
- Medical Technology Option (For Clinical Laboratory Scientist)
- Physics Option
- Plant Science-Botany Option
- Plant Science-Horticulture Option
- Pre-Veterinary Option