

# Sherwood Academy of Science

**Academy Description:** The Academy of Science provides students with the knowledge and skills needed to not only compete, but excel and thrive in science and medicine in college. The Academy of Science also provides students with unique opportunities to interact with professionals in the areas of medicine, biotechnology and environmental science.

## **A: Pathway: Environmental Science**

### **Required courses:**

Environmental Science A/B (AP, Honors, On-level)

Chemistry A/B (AP, Honors, On-level)

### **B: One credit from the following pathway electives:**

AP Biology

Anthropology

Horticulture

Economics

Wildlife Biology

Earth Science

Astronomy

**C: Capstone Experience:** approved project or field study completed with guidance from a teacher or mentor.

## **Examples of Career Choices:**

- Dentist
- Health Administrator
- Health Educator
- Occupational Therapist
- Pediatrician
- Pharmacist
- Physician
- Physician Assistant
- Psychologist
- Registered Nurse
- Radiological Technician
- Agricultural Products Inspector
- Cooperative Extension Agent
- Floral Designer/Shop Owner
- Landscaping Contractor
- Nursery or Greenhouse Manager/Owner
- Research and Product Scientist/Technician
- Purchasing or Sales Agent for Agricultural Commodities
- Residential or Commercial Landscape Architect

## **Pathway: Health Professions**

### **A: Required courses:**

Medical Careers A/B

Medical Careers Science A/B

### **B: 1 credits from the following courses:**

Chemistry, Advanced Placement A/B

Chemistry, Advanced Placement A/B (double period)

Biology, Advanced Placement

Biology, Advanced Placement (double period)

Medical Careers Internship (Repeatable)

**C: Capstone Experience: 1 credit from courses in B**