

MORE THAN FOUR

Here's what some college admissions counselors in Georgia had to say about earning more than 4 science credits:

"It would make a student's application stronger if they are seeking out challenging science courses past only what is required of them."

"In general, taking upper level science courses will always make an application stronger...The key is that students engage in rigorous coursework and extracurricular activities where they are available and especially in their area of interest."

"We do value more highly courses that are honors and AP, so it may be in a student's best interest to take additional science courses to show the increased rigor."

"We look for students to meet their high school graduation requirements, but when a student exceeds that and takes additional coursework, that demonstrates initiative to us!"

"When reviewing applications, we look to see that students are pursuing rigorous courses in their area(s) of interest."

Continue to see some options!

NORTH FORSYTH HIGH SCHOOL

PHYSICS

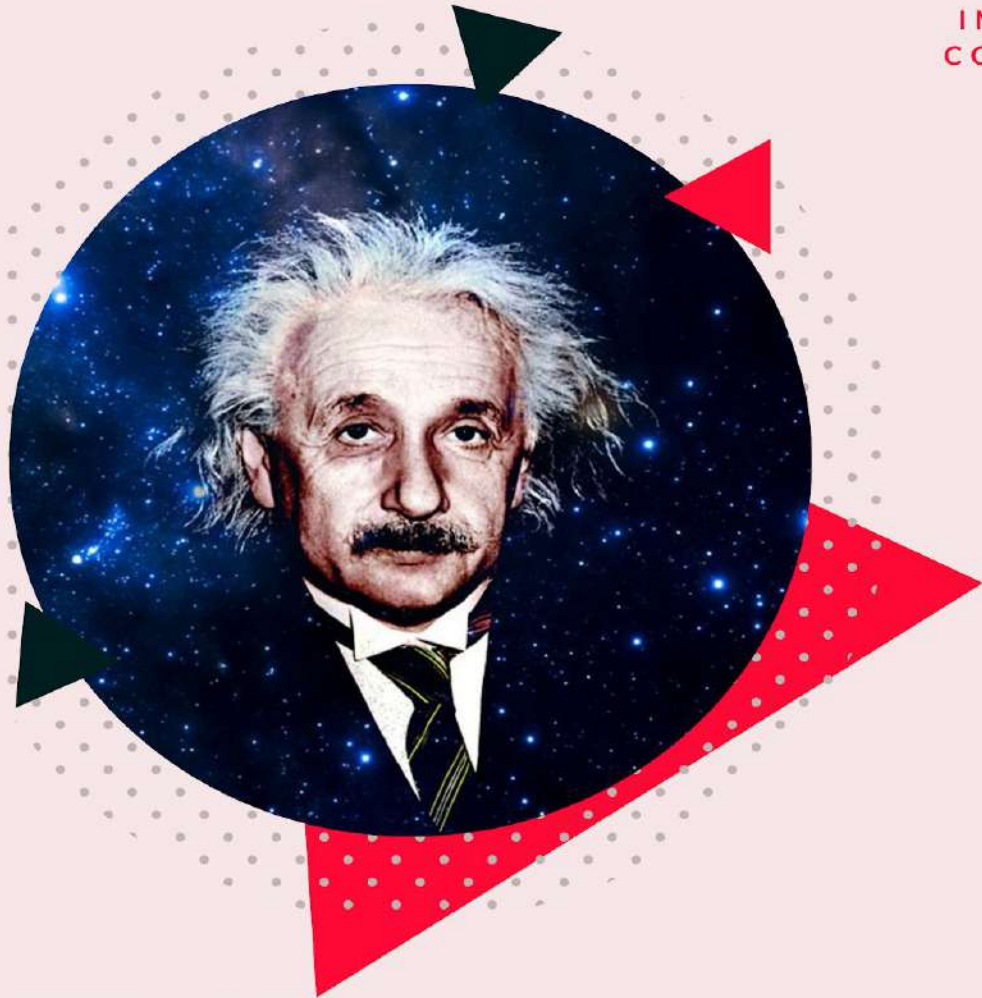
LAUNCH, DROP, DRAG, PULL, PUSH, AND MANY OTHER ACTION WORDS EVERY CLASS PERIOD!

TONS OF
LABS

IMPRESS
COLLEGES

ALGEBRA IS THE ONLY PREREQUISITE

HANDS-ON, FUN, AND CHALLENGING!



WHAT WILL I LEARN?

- THE MAIN GOAL OF PHYSICS IS TO UNDERSTAND HOW THE UNIVERSE BEHAVES.

SOME RELATED CAREERS:

- HEALTHCARE
- ENGINEERING
- TECHNOLOGY
- BUSINESS
- DATA ANALYST
- PATENT ATTORNEY
- PROJECT MANAGER



NORTH FORSYTH HIGH SCHOOL

AP BIOLOGY

PREREQUISITE?

- Biology and Chemistry, but you can take Chemistry concurrently

What will I learn?

- You explore topics like cells, genetics and heredity, molecular biology, evolution, anatomy and physiology.

Why take this class?

- This class is fun and challenging, and provides many hands-on labs to allow you to investigate and learn the material. Additionally, this course teaches you skills that will help you succeed in virtually any subject.

Some Related Careers:

- Engineering
- Medicine
- Healthcare
- Physician
- Research
- Athletic Training

NORTH FORSYTH HIGH SCHOOL

AP CHEMISTRY



Prerequisite

- Honors or on-level Chemistry

What Will I Learn in this class?

- Learn about the fundamental concepts of chemistry including structure and states of matter, intermolecular forces, and reactions.

Why should I take this class?

- Through collaboration and teamwork, you will develop grit and resilience that will help you be successful in future college classes. You will have many fun hands-on experiences and will get a class shirt at the end of the year!

Some Related Careers:

- Forensic Chemist
- Biomedical Research
- Lab Technician
- Chemical Engineering
- Polymer Development
- Great for Pre-Med

AP ENVIRONMENTAL SCIENCE

PREREQUISITES
Biology and Chemistry

WHAT WILL I LEARN?
You will learn about the Earth, the living world, populations, land and water use, energy resources and consumption, pollution, and global change.

WHY TAKE THIS CLASS?
In this class, you will study topics through hands-on activities and labs. This class is also applicable to many career fields.

SOME RELATED CAREERS:
Urban Planner
Lawyer
Marine Biologist
Conservation scientist
Engineer
Environmental health
Environmentalist

NORTH FORSYTH HIGH SCHOOL

AP PHYSICS C

PRACTICAL APPLICATION OF CALCULUS

PREREQUISITE?

- CONCURRENTLY TAKING OR HAVE COMPLETED CALCULUS

WHAT WILL I LEARN?

- KINEMATICS; NEWTON'S LAWS OF MOTION; WORK, ENERGY, AND POWER; SYSTEMS OF PARTICLES AND LINEAR MOMENTUM; CIRCULAR MOTION AND ROTATION; OSCILLATIONS; AND GRAVITATION

SOME RELATED CAREERS:

- SOFTWARE DEVELOPER
 - MEDICAL SCIENTIST
 - PUBLIC POLICY
 - ENGINEER
 - ECONOMIST
 - EDUCATION
-

NORTH FORSYTH HIGH SCHOOL

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**New for
2022!**

epidemiology

Prerequisite

- Must be a Jr or Sr with Biology

What will I learn?

- Scientific investigations using real world situations to analyze rates, patterns, causes, and control of diseases in a population.

Why should I take this class?

- This is a great class for those who are pursuing anything related to healthcare, as it bridges your science education with your career interests.

Some related careers:

- Clinical trial researcher
- Pharmacist
- Veterinarian
- Medicine
- Healthcare

See Mrs. Bassett in 257 for more information.

NORTH FORSYTH HIGH SCHOOL FORENSIC SCIENCE



MUST BE JR OR SR
WITH BIOLOGY &
PREFERABLY
CHEMISTRY

WHAT WILL I LEARN?

- You will learn how to investigate a crime scene and how to collect and analyze evidence.

SOME RELATED CAREERS:

- Crime Scene Investigator
- Detective
- Law Enforcement
- Computer Analyst
- Evidence Technician
- Forensic Artist

TONS OF HANDS-ON EXPERIENCES AND LAB ACTIVITIES

NORTH FORSYTH HIGH SCHOOL



BIOLOGY II

(A.K.A. ANATOMY & PHYSIOLOGY)

PREREQUISITES

- Chemistry or be taking Chemistry concurrently

WHAT WILL I LEARN?

- You'll learn about the human body and how it functions.

WHY TAKE THIS CLASS?

- You will do many labs and projects, including organ dissections, and then you'll end the year with a cat dissection!

SOME RELATED CAREERS:

- Healthcare
- Medicine
- Personal Trainer
- Physical Therapist
- Medical Technologist
- Research

North Forsyth High School

OCEANOGRAPHY CLASS



WHAT WILL I LEARN?

Learn about the ocean, including interactions of organisms, ecosystems, cycles, and processes that occur within the ocean.

PREREQUISITE

Chemistry is preferable, but not mandatory

WHY TAKE THIS CLASS?

Choose topics to study and many units are project-based, which means no test! Practice skills that will help you on the job or in college-- you will have more than one chance to get it right!

Some Related Careers

- Marine Scientist
- Aquatic Veterinarian
- Environmentalist
- Engineer
- Underwater Filmmaker
- Marine Archaeologist
- Architect
- U.S. Fish and Wildlife Service