

"Why should I consider taking science courses at Prince George's Community College?" you ask. Well, here are a number of reasons why PGCC is the choice for you.

- ❖ Classes that transfer to any Maryland college or university and most out-of-state institutions
- ❖ Smaller class sizes so you get to know most people in your class generating a more comfortable and supportive environment
- ❖ The same instructor for lecture, laboratory, and recitation (usually) so you get to know your professor and feel more confident to contribute and ask questions
- ❖ More hands-on activities in classes; more participation leading to a better understanding of science concepts
- ❖ Chesapeake Hall -a modern, well-equipped science building with computers
- ❖ Availability of online, interactive technologies, including online tutoring and computer labs
- ❖ Free person-to-person assistance in the Tutoring and Writing Centers and many other student support services
- ❖ Financial aid support through grants, scholarships, and work/study opportunities
- ❖ Diverse array of opportunities for transfer scholarships to four-year institutions
- ❖ Student research opportunities and internships
- ❖ A community of learners with similar goals and interests through the STEM Collegian Center with co-curricular activities designed for the professional scientist in you



For information on courses and faculty visit our department web sites or contact one of the sources below:

Biological Sciences:

Christine E. Barrow, Chairperson
301.322.0422 or cbarrow@pgcc.edu
<http://academic.pgcc.edu/biology>

Physical Sciences and Engineering
(includes chemistry, Earth/space sciences, engineering, physics)

Scott A. Sinex, Chairperson
301.341.3023 or ssinex@pgcc.edu
<http://academic.pgcc.edu/psc>

For the AAT: Department of Education:

Patricia A. Basili, Chairperson
301.322.0780 or pbasili@pgcc.edu
<http://academic.pgcc.edu/education>

Science, Technology, Engineering, and Mathematics (STEM) Collegian Center
<http://academic.pgcc.edu/scc>

For enrollment and financial aid information along with course catalogs and schedules:

<http://www.pgcc.edu>

Sciences Office: Chesapeake Hall
Room 100 phone: 301.322.0420

SCIENCE OPPORTUNITIES AT PRINCE GEORGE'S COMMUNITY COLLEGE

LEARN TO THINK LIKE A
SCIENTIST

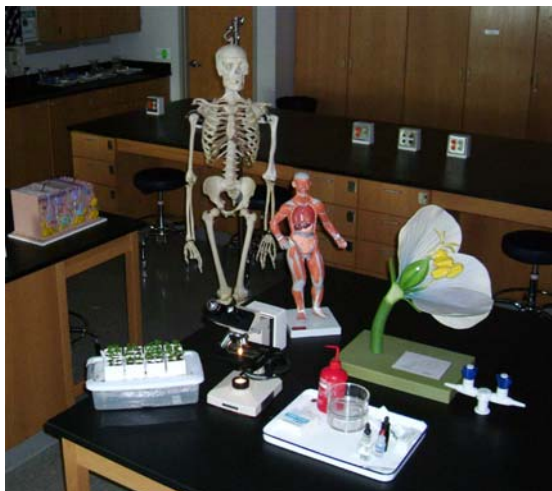


Whether you aspire to be a research chemist or a pharmacist, a medical doctor or marine biologist, at PGCC we have the courses to fulfill the first two years of your degree program. Let us help you on your way!



PRINCE GEORGE'S
COMMUNITY COLLEGE

BIOLOGICAL SCIENCES



Courses:

BIO 1130 Principles of Biology I
BIO 1140 Principles of Biology II
BIO 2010 Microbiology
BIO 2030 Genetics
BIO 2050 Anatomy and Physiology I
BIO 2060 Anatomy and Physiology II
BIO 2090 Cell Biology
BIO 2250 Introduction to Biotechnology

Some of the instrumentation available to science students:

- Gas chromatograph-Mass Spectrometer (GC-Mass Spec)
- High Pressure Liquid Chromatograph (HPLC)
- Fourier Transform Infrared (FTIR) Spectrophotometer
- Atomic Absorption Spectrophotometer
- Gas Chromatographs
- Gel Electrophoresis
- UV-Vis Spectrophotometer
- Spec 20 Spectrophotometers
- Analytical Balances

At Prince George's Community College

you can take all the courses you need for an associate of arts (AA) degree in general studies with a biology, chemistry or pre-professional option, an associate of arts in teaching (AAT) in secondary chemistry, physics or mathematics, or just the few credits you need to pursue that life-long dream. We offer all general education requirements including mathematics support courses through calculus. You can easily transfer your credits to area colleges and universities.

Here are some of the programs we support:

Athletic Training	Forensic Science
Biochemistry	Medicine
Biology	Nursing
Biotechnology	Nutrition
Chemistry	Pharmacy
Dentistry	Physical Therapy
Engineering	Veterinary Science



Our Students have transferred to medical, dental, physical therapy, and pharmacy schools as well as science major programs at:

Georgetown University
George Washington University
Howard University
Morgan State University
Shenandoah University
Temple University
Towson University
Tulane University
Uniformed Services University
University of Maryland
University of Virginia

PHYSICAL SCIENCES



Courses:

CHEMISTRY

CHM 1010 General Chemistry I
CHM 1020 General Chemistry II
CHM 1030 General Chemistry II Lab
CHM 2010 Organic Chemistry I
CHM 2020 Organic Chemistry II
CHM 2040 Organic Chemistry II Lab
CHM 2070 Survey of Biochemistry

PHYSICS

Algebra-based

PHY 1010 Introductory Physics I
PHY 1020 Introductory Physics II

Calculus-based

PHY 1030 General Physics I
PHY 2030 General Physics II
PHY 2040 General Physics III

We can assist you in obtaining internships at places such as:

National Aeronautics and Space (NASA),
US Department of Agriculture (USDA)
National Institutes of Health (NIH)