



AP Course Title

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Princess Anne High School



overall course content...

- type your information here (skeletal topic outline, kinds of work you do, etc)

why take this AP course...

- AP Biology is a great course for students interested in digging deeper into science, there is an increased emphasis on science skills and data analysis.
- Anyone interested in a career in the health sciences (nursing, pharmacy,

NMSI

- AP Exams normally cost \$94 dollars, but NMSI will pay about half of the cost
- If a student scores a 3, 4 or 5 on the AP exam, they will receive \$100 form NMSI
- There will be three NMSI sponsored Saturday study session available for students enrolled in the course
- Students will take and receive feedback on a mock exam

What classes do I need?

- Students need to have taken Biology and Chemistry to take AP Biology.

overall course content...

The course will have similar content as the Biology course but go into greater detail. There will be an emphasis on inquiry based investigations and data analysis that was not present in the pre-requisite course.

September	Biochemistry – Enzymes, photosynthesis, respiration, Biochemistry
October	Evolution – natural selection, speciation, phylogeny
November	Cells –organelles, cell signaling, structures and types
December	Membranes ad Transport – osmosis, cell signaling
January	Systems – hormones, immune, plants, nervous system, viruses
February	Heredity and Cell Division – mitosis, meiosis, dihybrid crosses
March	Molecular Genetics – DNA, Biotech, gene regulation, protein synthesis
April	Ecology – populations, productivity, human impacts
May	AP Exam and exam review
June	Outdoor labs

College credits

Below is a list of credit awarded for AP Biology for in-state colleges. Credits may be awarded as electives, general education or majors depending on the college. Most colleges require 120 hours to graduate, averaging 15 credits per semester.

	score	credit
Mary Washington	5	7 credits
	3 or 4	4 credits
Old Dominion	5	8 credits
	4	4 credits
	3	8 credits
George Mason,	5	8 credits
	4	4 credits
	3	3 credits
VMI	3	8 credits
Virginia Tech	4 or 5	8 credits
	3	4 credits
JMU	4	8 credits
Christopher Newport	4 or 5	7 credits
	3	3 credits
Norfolk State	3, 4 or 5	4 credits
Longwood	3,4 or 5	6 credits
Radford	3,4 or 5	8 credits
UVA	5	4 credits
	4	6 credits
William and Mary	5	4 credits
VCU	5	8 credits
	3 or 4	4 credits
TCC	3,4 or 5	8 credits