

## Willowbrook High School Science Department

### Suggested Sequences

	<b>Core</b>	<b>Honors</b>	<b>Sheltered</b>
Grade 9	Biology	Honors Biology	Sheltered Biology
Grade 10	Physical Science	Honors Chemistry	Sheltered Physical Science
Grade 11	Chemistry	Honors Physics	Sheltered Physics
Grade 12	Physics	Elective	Elective

### Science Requirement

Three years of science are required for graduation from the DuPage District 88 High Schools. It is suggested that students choose a blend of courses that are centered on life science as well as physical science so as to have a well-rounded experience.

#### Electives

Anatomy & Physiology Honors  
AP Biology  
AP Chemistry  
AP Physics

Chemistry  
Comparative Zoology (Formerly Animal Lab)  
Environmental Science  
Physics

**Willowbrook High School  
Science Department  
Staff**

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**Freshman Science Offerings**

**Biology**

Placement based on reading scores, math scores, and 8th grade science placement scores. This course offers the student an opportunity to become acquainted with the fundamental process carried on by living organisms and the relationship existing between the organisms and their environment. The concepts of form and function, reproduction and genetics, populations and ecosystems, diversity and adaptation, and biological systems will be addressed. In addition to the content, considerable laboratory work will be performed. Semesters: 2

**Biology Honors**

**Prerequisite: Placement of freshmen in this course will be based on reading achievement and teacher recommendations.**

This high-weighted honors course in biology is an accelerated program with an emphasis at the molecular level. The course emphasizes conceptual skills dealing with experimentation and the scientific method. Enrichment aspects of the course include a biology research paper and an experimental research project. Semesters: 2

**Sheltered Biology**

This course for English Language Learners covers the basic principles of biology through laboratory and classroom activities at a level and pace that should provide the student with limited reading ability a successful experience. Semesters: 2