

**Sinclair Community College**

BIO 1111	General Biology I	4 Semester Hours	1 HS Credit
This course covers basic chemistry and biochemistry; cellular and molecular biology. It is the first course in a series of two general education science courses.			
BIO 1211	General Biology II	4 Semester Hours	1 HS Credit
This course is designed as the second in a series of two general education science courses. It covers evolution, biodiversity, and ecology.			
BIS 1120	Introduction to Software Applications	3 Semester Hours	1 HS Credit
Use word processing, spreadsheet, database and presentation software applications to create reports, spreadsheets, databases and presentations for business and other applications.			
ENG 1101	English Composition I	3 Semester Hours	1 HS Credit
In English Composition I, students learn reflective, analytical and argumentative writing strategies, incorporating sources and personal experience .			
ENG 1201	English Composition II	3 Semester Hours	1 HS Credit
English Composition II, building on the skills in English Composition I, develops rhetorical literacy through research, critical reading and multi-genre experiences.			
HIS 1102	United States History II	3 Semester Hours	1 HS Credit
Development of the people of the United States in political, social, economic and cultural areas from Reconstruction to the present.			
MAT 1470	College Algebra	3 Semester Hours	1 HS Credit
Polynomial, radical, rational, exponential and logarithmic functions and their graphs; roots of polynomial functions, rational and polynomial inequalities; systems of linear and nonlinear equations; matrices and applications.			
MAT 1570	Trigonometry	3 Semester Hours	1 HS Credit
Trigonometric functions of angles, solving right and oblique triangles, identities, trigonometric functions, conic sections, sequences and series.			
PLS 1120	American Federal Government	3 Semester Hours	1 HS Credit
American political system at the national level, including process of government; democratic theory and development of the U.S. Constitution; citizen participation through voting; interest groups and political parties;			