Columbus State Community College-Ohio State University Plan
AS Degree-BS Degree, Major in Molecular Genetics
Sample Four-Year (2 + 2) Graduation Plan

COLUMBUS STATE COMMUNITY COLLEGE

THE OHIO STATE UNIVERSITY

Freshman Year (CSCC)

Autumn Semester		Spring Semester	
English 1100	(3)	Mathematics 1151	(5)
Mathematics 1149[1] or 1150 (based on placement)	(4 or 6)	Chemistry 1171	(5)
Social Science*	(3)	Biology 1113	(4)
Social Science*	(3)	ASC 1190	(1)
COLS 1100	(1)		

[1]Students transferring to Ohio State with credit for only Mathematics 1149, and who need to continue to calculus will be required to demonstrate competency in Mathematics 1148 before progressing.

Sophomore Year (CSCC)

Autumn Semester		Spring Semester	
English 2367	(3)	Literature*	(3)
Chemistry 1172	(5)	Biology 1114	(4)
Physics 1200	(5)	Physics 1201	(5)
Elective	(3)	Historical Study*	(3)
		Elective (required to meet minimum hours for AS degree)	(0-1)

*See list below for specific courses for these categories. Must have one Global Studies course.

Junior Year (OSU)

Autumn Semester		Spring Semester	
Molecular Genetics 4606	(4)	Molecular Genetics 5601 or 5602	(4)
Chemistry 2510	(4)	Chemistry 2520	(4)
General Education Culture & Ideas or Historic al Study (w/ global studies)	(3)	Chemistry 2540	(2)
General Education Visual Performing Arts	(3)	Molecular Genetics 5645	(2)
Arts and Sciences 1100.04	(0.5)	General Education Foreign Language 1101	(4)

Senior Year (OSU)

Autumn Semester		Spring Semester	
Molecular Genetics 5607	(3)	Molecular Genetics 5608	(3)
Biochemistry 4511	(4)	Major Elective	(3)
Major Elective	(3)	Major Elective	(3)
Chemistry 2550	(2)	Major Elective	(1)
General Education Foreign Language 1102	(4)	General Education Foreign Language 1103	(4)

- **CSCC General Education Requirements**: Students should choose the General Education courses for the AS degree in consultation with their academic and faculty advisors.

- **OSU General Education Requirements**: How a student completes these requirements will vary, depending on how he or she chose to complete the General Education requirements at Columbus State. Any General Education requirements not completed at Columbus State will need to be completed at Ohio State. Elective course work, if selected appropriately, can be used to pursue a minor. Students should consult with an academic advisor in the department of the intended major to discuss optimal course selections for General Education, effective choice of electives, and appropriate course selections in the major. Students can find the list of Arts and Sciences advisors by major, including contact information, at

http://ascadvising.osu.edu/programs/majors.

- Students must take at least two courses in the Social Sciences; the two courses must not be from the same General Education subcategory. See the latest Arts and Sciences BS curriculum sheet for more details.

- Students pursuing the BS must take at least 10 semester hours of Natural Science course work, with at least one course in the Physical Sciences with a laboratory component, and at least one course in the Biological Sciences with a laboratory component. Most students will take a minimum of three Natural Science courses to fulfill the 10 hour minimum.

- For the Literature and Arts categories, no more than one course across the two categories can be from the area of the major. For the Social Science category, no more than one course can be from the area of the major. The GE Literature, Arts, and Social Science courses cannot be counted as part of the major.

- All programs in the College of Arts and Sciences require a minimum of 121 semester hours, including a minimum of 39 hours at or above the 3000 level.

Specific courses for * categories are on the following page:

History
HIST 1111 European History to 1648 [OSU Global Studies HISTORY 1211]
HIST 1112 European History since 1649 [OSU Global Studies HISTORY 1212]
HIST 1151 American History to 1877 [OSU HISTORY 1151]
HIST 1152 American History since 1877 [OSU HISTORY 1152]
HIST 1181 World Civilization I: NonWestern to 1500 [OSU Global Studies HISTORY 1681]
HIST 1182 World Civilization II: NonWestern since 1500 [OSU Global Studies HISTORY 1682]
HIST 2223 African American History I before1877 [OSU HISTORY 2080]
HIST 2224 African American History II since [OSU HISTORY 2081]

Social Science Courses – must take from two different categories
(1) **Individuals and Groups**
ANTH 2201 World Prehistory [OSU Global Studies ANTHROP 2201]
ANTH 2202 Peoples and Culture [OSU Global Studies ANTHROP 2202]
PSY 1100 Introduction to Psychology [OSU Social Diversity Course PSYCH 1100] PSY 2261 Child Development [OSU HDFS 2410]
SOC 2210 Sociology of Deviance [OSU SOCIOL 2210]
SOC 2380 American Race and Ethnic Relations [OSU SOCIOL 2380]
(2) Organizations and Polities
ECON 2201 Principles of MacroEconomics [OSU ECON 2002.01]
POLS 1100 Introduction to American Government [OSU POLITSC 1100]
POLS 1200 Comparative Politics [OSU Global Studies POLITSC 1200]
SOC 1101 Introduction to Sociology [OSU Social Diversity Course SOCIOL 1101]
(3) Human, Natural, and Economic Resources
ECON 2200 Principles of MicroEconomics [OSU ECON 2001.01]
GEOG 2400 Economic and Social Geography [OSU Global Studies GEOG 2400]
GEOG 2750 World Regional Geography [OSU Global Studies GEOG 2750]
POLS 1300 International Relations [OSU Global Studies POLITSC 1300]

Literature
CLAS 1222 Classical Mythology [OSU Global Studies CLAS 2220]
ENGL 2201 British Literature I [OSU Global Studies ENGLISH 2201]
ENGL 2220 Introduction to Shakespeare [OSU Global Studies ENGLISH 2220] ENGL 2260 Introduction to Poetry [OSU ENGLISH 2260]
ENGL 2274 Introduction to NonWestern Literature [OSU ENGLISH 2275]
ENGL 2280 The English Bible as Literature [OSU ENGLISH 2280]

ENGL 2281	African American Literature [OSU Social Diversity Course ENGLISH 2281]
ENGL 2290	US Literature I [OSU ENGLISH 2290]
ENGL 2291	US Literature II [OSU ENGLISH 2291]