

Ohio University Graduate Certificate in Bioinformatics
Program of Study for _____
Expected Completion Date of Certificate Requirements: _____

	Academic term (semester, year)
I. Core Biology	
A. Biochemistry (choose one)	
CHEM 5890 Basic Biochemistry	
CHEM 5901 Biochemistry I	
B. Additional Biology Class (choose one)	
MCB 7200 Molecular Biology	
BIOS 5250 Evolutionary Genetics	
BIOS 5260 Molecular Genetics	
BIOS 5270 Mechanisms of Gene Regulation	
PBIO 5750 Plant Population Genetics and Speciation	
PBIO 5090 Plant Systematics and Survey of Vascular Plant Families	
BIOS 5570 Animal Systematics	
II. Core Computer Science	
BME 5170 Data Mining with Applications in the Life Sciences	
CS 5180 Statistical Foundations for Bioinformatics	
III. Bioinformatics Specialty Courses	
CS 5160 Problem Solving with Bioinformatics Tools	
CS 6150 Computational Genomics	

Ohio University Graduate Certificate in Bioinformatics
Program of Study for _____
Expected Completion Date of Certificate Requirements:

IV. Genetics/Molecular Biology (choose one)	
MCB 7200: Molecular Biology	
BIOS 5250: Evolutionary Genetics	
BIOS 5260: Molecular Genetics	
BIOS 5270: Mechanisms of Gene Regulation	
PBIO 5750: Plant Population Genetics and Speciation	
V. Laboratory Practicum (choose one)	
PBIO 5010: Lab in Cell and Molecular Plant Physiology	
MCB 7300: Molecular and Cellular Biology Laboratory	
VI. Other (prerequisites, coursework, research, internships, etc.)	

Student signature: _____ Print: _____ Date: _____

Academic Advisor's signature: _____ Print: _____ Date: _____

Director of Bioinformatics Program's signature: _____ Print: _____

Date: _____

Notes: