

Purdue Graduate Certificate Plan of Study
BIOCOMPUTING (BIOINFORMATICS)
Department of Computer Science, IUPUI CAMPUS

Last Name	First Name	IUID	PUID

Admit Term	Expected Grad Term	Other Certificate	Grad Degree	Other Reg type: GND, UN, TR

Degree Requirements			✓
Total number of graded credits required	12		
Minimum grade for any course applied to certificate	C		
Minimum GPA	3.0		
Maximum transfer credits	3		
Maximum credits taken prior to enrollment in certificate program	6		
Maximum undergraduate-level courses	1 (biol)		
Completion of certificate requirements	3 years		
Course Substitution Exceptions may be approved by the CSCI Graduate Education Committee			
Courses may apply toward a graduate degree program but may not be used for credit toward another certificate program.			

Core Course Elective 1 (Choose 1)

Sem	Year	Subj	Number	Course Title	Credits	Grade	MS*
		BIOL-K	322	Genetics and Molecular Biology			
		BIOL	50700	Principles of Molecular Biology			
		CSCI	58000	Algorithm Design, Analysis, and Implementation			

Required Specialization

Sem	Year	Subj	Number	Course Title	Credits	Grade	MS*
		CSCI	54800	Introduction to Bioinformatics			

Specialization Elective 2 – Choose 1

Sem	Year	Subj	Number	Course Title	Credits	Grade	MS*
		CSCI	54900	Intelligent Systems			
		CSCI	57300	Datamining			

Specialization Elective 3 – Choose 1

Sem	Year	Subj	Number	Course Title	Credits	Grade	MS*
		CSCI	54100	Database Systems			
		CSCI	55000	Computer Graphics			

Dept approved course substitution(s)

Sem	Year	Subj	Number	Course Title	Credits	Grade	MS*
Substituting for:							

*Check box if course will apply to MS degree

Graduate Program Director/Advisor Signature	Date
Graduate Office Approval	Date