Curriculum Map :: Office of Assessment & Accreditation :: Indiana State University

PhD Biology Fall 2020

	Student Learning Outcomes					
Course or Other Learning Activity	**1. Students will be able to communciate the design, results, and interpretation of scientific inquiries in written and oral forms appropriate to the audience.**	**2. Students will master the content of their discipline and stay current with biological literature.**	**3. Students will utilize their knowledge to synthesize novel, testable theories and hypotheses and conduct research.**	**4. Students will apply ethical standards in research.**	**5. Students will effectively communicate biological principles through their teaching.**	**6. Students will demonstrate a breadth of knowledge.**
In the cells of this column, insert the prefix and number of the lowest-to-highest numbered courses in which the outcomes in row 4 (above) are addressed. You also may list other learning activities (certification/licensure exam, clinical experience, service learning experience, etc.) as needed.	In the cells in the rows below, indicate whether students participating in the associated course or other learning activity are introduced to (**I**), expected to practice (**P**), or expected to demonstrate mastery (**D**) of the outcome above it in row 4. If there is no relationship between the course and the outcome, leave the cell blank.	Delete this row of instructions when you are finished filling out the map.				
BIO 620, 630, 650, 670, 680 (Take 2)		**P**	**P**	**P**		**P**
BIO 640 (taken twice)	**P, D(2nd time)**		**D**			**D**
BIO 660 (grantwriting)	**D**		**D**	**D**		**D**
BIO 690						**I**
BIO 692		**P**	**P**	**D**		
BIO 899	**D**	**D**	**D**	**D**		**D**
TOOL Requiremnt						**D**
teaching requirement					**D**	