

**IPFW School of Education**

**Life Science (Biology) Teaching Major (43-45 credits)  
 Certification Only  
 Rules 2002  
 (Effective Fall 2003)**



**Student Name** \_\_\_\_\_ **Student I.D.** \_\_\_\_\_

Life Science Core				
Course	Title	Cr	Sem	Gr
BIOL 117	Principles of Ecology	4		
BIOL 119	Principles of Structure	4		
CHM 115	General Chemistry	4		
CHM 116	General Chemistry	4		
BIOL 217	Intermediate Ecology	3		
BIOL 218	Genetics and Molecular Biology	4		
BIOL 219	Principles of Functional Biology	3		
CHM 255	Organic Chemistry	3		
BIOL 437	General Microbiology	4		
BIOL 491	Senior Biology Seminar	1		

One course from Group A (recommended courses): BIOL 343     Vertebrate Biology (4) BIOL 434     Marine Community Ecology (3) BIOL 445     Aquatic Biology (3) BIOL 505     Biology of Invertebrate Animals(3) BIOL 556     Physiology I (3)	3-4		
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One course from Group B (recommended courses): BIOL 315     Developmental Anatomy (4) BIOL 506     Human Molecular Genetics (3) BIOL 515     Molecular Genetics (3) BIOL 537     Immunobiology (3)	3-4		
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EDUC Q400	Man and Environment: Instructional Methods	3		
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**Evaluated by:** \_\_\_\_\_ **Date:** \_\_\_\_\_