BIOLOGY

WITH LIFE SCIENCE TEACHING CERTIFICATION

BACHELOR OF SCIENCE - 131 CREDITS - (BIOT) and
ASSOCIATE OF SCIENCE - (CMTH)

STUDENT _____

BULLETIN _____

STUDENT I.D. _____

IPFW AND TEACHER CERTIFICATION REQUIREMENTS

LING & NUM FOUNDATIONS (9-11)

ENG W131/W131+P131/W140	3/5		(C or above)
COM 114	3		(C or above)
MA 153	3		(C or above)
CS 106/107	X		computer literacy

PHYS & NAT WORLD (Max. of one in Major Discipline) (0)

BIOL 117	X		
CHM 115	X		

THE IND, CULT, & SOC (Not in Major Discipline) (6)

	3		
	3		

HUMANISTIC THOUGHT (Not in Major Discipline) (6)

	3		
	3		

CREATIVE AND ARTISTIC EXPRESSION (Not in Major Discipline) (3)

	3		

INQUIRY AND ANALYSIS (Not in Major Discipline) (0)

CHM 224/321	X		

A & S REQUIREMENTS

WRITING (3)

ENG W233	3		(C or above)

BIOLOGICAL SCIENCES CORE (19)

BIOL 117	4		
BIOL 119	4		
BIOL 217	3		
BIOL 218	4		
BIOL 219	3		
BIOL 491	1		

ADDITIONAL COURSES (10-12 credits):

You must complete at least one course with a laboratory in each group.
Group A: BIOL335/336,345,434,445,502,505,543,556/558,579,580,582,586,592,598, ENTM 306/307.
GroupB: BIOL215,315,350,381/382,437(required),455/456,506,509,515,516,533, 537/565,540,544/546,559,565,566/567,569,584.

BIOL			Grp A Lab
BIOL 437	4		Grp B Lab
BIOL			

You mus earn earn a GPA of 2.0 or higher in each general education area.

RESIDENCY: 200+								
1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	

UPPER LEVEL HOURS														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

RESIDENCY: 300+ IN MAJOR							
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	

MA _____ ENG _____

RDG _____ MFL _____

PHYSICS (8-10)

PHYS 220/201	4/5		
PHYS 221/202	4/5		

CHEMISTRY (20)

CHM 115	4		(C or above)
CHM 116	4		
CHM 224/321	4		
CHM 255/261	3		
CHM 254	1		
CHM 256/262	3		
CHM 258	1		

MATH/CS/STAT (12)

MA 229	3		
STAT 240	3		
STAT 340	3		
CS 106/107	3		

PROFESSIONAL EDUCATION (35)

EDUA F300	2		(C or above)
EDUC W200/M101	1/0		(C or above)
EDUC K201	1		(C or above)
EDUC K206	3		(C or above)
EDUC P250/M201	3/0		(C or above)
EDUC P253/M301	3/0		(C or above)
EDUC H340	3		(C or above)
EDUC Q400	3		(C or above)
EDUC X401	3		(C or above)
EDUCM449/M401	3/0		(C or above)
EDUC M480	10		

RECOMMENDED COURSE FOR ADDITIONAL CERTIFICATION:

EDUC M470	4		Mid. Sch. Cert.

FREE ELECTIVES

NO CREDIT

2.5 GPA over all and in professional education
2.5 GPA for courses in major discipline

OVER

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