2000-2001

Bachelor of Science
Non-Teaching B.S.
PRE-PROFESSIONAL
203A

Checksheet for Biology Majors

I. Core Curriculum Requirements: Either Chemistry 1101, 1102, or Physics 1103, 1104 will count toward the science requirement. Math 1110 will count toward the math requirement. NOTE: Some courses listed in Section I will also be used in Section III. **44**

II. CORE: STUDENTS MUST COMPLETE THE CORE BEFORE TAKING ANY OTHER BIOLOGY COURSE.
Note: A 2.0 average must be maintained in the major. (Includes areas II & III)

BIO 1110 ___ Concepts 2000 ___ Intro. Botany 2001 ___ Intro Zoology

REQUIRED BIOLOGY:

3301 (W, ND) ___ Animal Physiology (4 sh)
3306 (ND) ___ Genetics (3 sh)
3307 (W, ND) ___ Genetics Lab (1 sh)
3308 ___ Bacteriology (4 sh)
3314 ___ Comp. Vert. Zool. (3 sh)
3800 (W, ND, C) ___ Molecular Bio. (4 sh)

3302 (ND, C) ___Ecology (3 sh) **OR** 3312 (W, S) ___ Env. Studies (3 sh) **OR** 3436 (W, S, ND) ___Intro.to Evo.Bio. (3sh)
3304 ___ Sys.Bot. (3 sh) **OR** 3456 ___ Invert. Zoo. (3 sh) **OR** 4552 ___ Entom. (3 sh) **OR** 4556 ___ Mycol. (3 sh)

Any two of the following:
3309 ___ Dev. Biology (3 sh)
4568 ___ Immunology (4 sh)
4570 ___ Parasitology (3 sh)

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Major Designators
2 Writing (W) ___ ___
1 Speaking (S) ___
Communication Proficiency ___
Other Designators
4 Writing (W) ___ ___ ___ ___
(ENG 1000/1100 will count as 2 W)
4 Multi Cultural (MC) ___ ___ ___ ___
(HIS 1101/1102 will count as 2 MC)
1 Cross Disciplinary (CD) ___
2 Numerical Data (ND) ___ ___
2 Computer (C) ___ ___

III. Required Cognate Courses:

CHEMISTRY:
1101 (ND), 1110 _____ Intro. Chem. I & lab (4 sh)
1102 (ND), 1120 _____ Intro. Chem. II & lab (4 sh)
2201, 2203 _____ Org. Chem. I & lab (4 sh)
2202, 2204 (W) _____ Org. Chem. II & lab (4 sh)
2210 (W) ___ Quant.Analy. (4 sh) **OR** 4580 & 4581 (W)_____ Biochem. I & Lab (3 sh)

PHYSICS:
1103 (W, ND) ___ Gen.Phys.(4 sh)
1104 (W, ND) ___ Gen.Phys.(4 sh)

MATH:
1110 (ND) ___ Calc. w/ Analy. Geometry (4 sh)
STT 2810 (ND, C) ___ Intro to Data Analysis & Statistical Inference
CS ___ (2 sh) **37**

NOTE: 12 sh of chemistry or physics and math are counted in Core Curriculum Requirements. **-12**
In addition the student must take eleven (11) semester hours of required electives:

3 s.h. in the sciences _____

8 s.h. outside the sciences_____ **11**

IV. Minor (optional)

V. Free electives to total a minimum of 128 s.h. **4-5**
(2 s.h. of free electives must be outside the major discipline.) **128**