## BA BIOLOGY (This major consists of 55-56 credits total, 25-28 credits of Upper Division) Course Title Credits FAU Required Courses (Biology Core) - 40-41 credits Spring / Summer 3 Biological Principles & Lab BSC 1010 & L 4 Biodiversity & Lab BSC 1011 & L 4 Fall / Summer 2 General Chemistry I & Lab 4 CHM 2045 & L General Chemistry II & Lab CHM 2046 & L 4 **Advising Notes** Organic Chemistry I CHM 2210 3 Organic Chemistry II CHM 2211 3 Physical Science PSC 2121 3 Calculus MAC 2233 or 2311 3 Exp. Design or Bio Stats PSY 3234/STA 3173 3 Choose 3 minimum from this area: (if a fourth is taken it will apply to elective area below) **Evolution** PCB 4674 3 Genetics PCB 3063 4 Molecular & Cell Biology PCB 4023 3 Principles of Ecology PCB 4043 3 **BIOLOGY ELECTIVES (SELECT 15 CREDITS) Advising Notes** Biochemistry 1 BCH 3033 3 Vascular Plant Anatomy and Lab BOT 3223, 3223L 4 BOT 4404, 4404L 4 Marine Botany and Lab Principles of Plant Physiology and Lab BOT 4503, 4503L 4 Plant Taxonomy and Lab BOT 4713, 4713L 4 3 Plant Biotechnology **BOT 4734C** BSC 4403L, 4427L Biotechnology 1 Lab / 2 Lab 2/ea Biology of Cancer BSC 4806 3 Directed Independent Study BSC 4905 Honors Thesis Research 1 BSC 4917 3 Honors Thesis Research 2 BSC 4918 3 **Special Topics** BSC 4930 Organic Chemistry Lab 2 CHM 2211L General Microbiology and Lab MCB 3020, 3020L 4 3 Medical Bacteriology MCB 4203 3 Microbial Ecology MCB 4603 Marine Biodiversity and Lab OCB 4032, 4032L 4 Marine Biology and Lab OCB 4043, 4043L 4 Marine Microbio & Molecular Bio and Lab 4 OCB 4525, 4525L Marine Ecology and Lab OCB 4633, 4633L 4 Marine Science 4 OCE 4006 Issues in Human Ecology PCB 3352 3 Human Morphology & Function 1 and Lab PCB 3703, 3703L 4 4 Human Morphology & Function 2 and Lab PCB 3704, 3704L **Immunology** PCB 4233 3 NOTES:

17-20 cr of Upper
Division General
Electives Required

4

4

3

3

5 4

4

5

## Important:

Other:

Molecular Genetics

Ornithology and Lab

Reproductive Endocrinology

Practical Cell Neuroscience

Invertebrate Zoology and Lab

Comparative Animal Physiology and Lab

Functional Bio of Marine Animals & Lab

Comparative Vert Morphogenesis and Lab

Cellular Neuroscience and Disease

PCB 4522

PCB 4803

PCB 4842

PCB 4843C

PCB 4723, 4723L

ZOO 2203, 2203L

ZOO 4402. 4402L

ZOO 4472, 4472L

ZOO 4690, 4690L

<sup>\*</sup>Need a C- or better in ALL courses (\*FAU Chemistry sequence requires a C or better to take the next course in the sequence)

<sup>\*</sup>Maximum of 5 credits in DIS \*Credits overe 10 years old will not apply \*75% of Upper Division must come from major department @ FAU

<sup>\*45</sup> credits of upper division coursework is required (min. 120 cr. total)