

BIOLOGY CURRICULUM REQUIREMENTS CHECKLIST (Total hours 128) (7 / 02)

GROUP I: LEARNING SKILLS

Engl 101 ____ Engl 102 ____

Hist 101-112
(Two Courses Required, 1 Must be Non-US)

Hist ____ Hist ____

GROUP II: QUANTITATIVE SKILLS

Either of the following sequences will fulfill the requirement

Sequence #1

Math 115 ____

Math 141 ____

Math 142 ____

Stat 201 ____

Sequence #2

Math 111 ____

Math 122 ____

Math 170/174

or 172X ____

Stat 201 ____

As of Fall 2000, Stat 201 is now a Math requirement

FOREIGN LANGUAGE

109 ____ 121 ____

110 ____ 122 ____

ONE OF THE FOLLOWING

Csce 102 ____

Csce 145 ____

Csce 206 ____

GROUP III: HUMANITIES

Six credits selected from Afro-American Studies, Comparative Literature English 281+ (except 450, 460-463) Foreign Language 201+, History (above 112), Philosophy (except 110, 111, 511) Religious Studies, Women's Studies 111
Three (3) credits must be selected from Arte 105, 106, Arte 101, Musc 110, Thsp 200, 561, 562 or equivalent courses

GROUP IV: SOCIAL SCIENCES

Six credits selected from the College of Liberal Arts (Psych not 227, 594-599, Soc not 220)

GROUP V. SCIENCE

Biol 101 ____

Biol 101L ____

Biol 102 ____

Biol 102L ____

Chem 111 ____

Chem 112 ____

MAJOR COURSES: Twenty-eight (28) credits of Biol selected from 300-600 levels. Biol 301, 302, and 303 are required as major qualifying courses. Two of the three major qualifying courses must be completed prior to enrolling in higher level courses. Three major courses 300-600 level must be accompanied with associated labs. At least two courses must be 500-600 levels. One physiology course is required (425, 460, 543, 635, or 643) as is one plant course (420, 425, 523-528, 549, 643, or 670). **As of Spring 2000, you can no longer receive two course credits for Biology 425. Biology 425 can count as a plant course OR a physiology course.** Only three credits of 398/399 are allowed to count towards major credit.

Biol 301 ____ Biol 302 ____ Biol 303 ____ Physiology Biol ____ Plant Sci Biol ____

Other Biol ____

COGNATE: 12 Credits (Total)

Chem 333 ____ 331L ____ 334 ____ 332L ____ (4 additional credits)

Consider a Minor in Chemistry - only 4-6 additional credits needed (Total 16-18)

See COSM Bulletin for required courses in various minors. (Organic Chemistry remains a requirement.)

ELECTIVES (20-30 hours) Take any courses that interest you, except, Physical education or skills courses; they **will not** count towards your major.

BIOLOGY COGNATES

ANTHROPOLOGY

361 Becoming Human
363 Primate Studies
367 Basic Forensic Anthropology
552 Medical Anthropology
561 Human Osteology
565 Health and Disease in the Past
567 Human Identification in Forensic Anthropology
568 Nutritional Anthropology
569 Environment and Development

CHEMISTRY

321 and HIGHER (except 550, 550L)

EXERCISE SCIENCE

303 Perceptual Motor Development
530 Physiology of Muscular Activity
535 Biomechs of Human Movement
562 Impairments of the Human Motor Sys

GEOGRAPHY

201 Landform Geography
202 Weather and Climate
324 Landscapes of the U.S.
346 Climate and Society
347 Water as a Resource
516 Coastal Zone Management
530 Environmental Hazards
545 Synoptic Meteorology
546 Applied Climatology
547 Fluvial Geomorphology
548 Landscape Ecology
568 Human Dimensions of Global Enviro Change
569 Environment and Development
571 Microclimatology
573 Climatic Changes & Variability

MARINE SCIENCE

311 and Higher
Exceptions: Biol cross-listed courses

PSYCHOLOGY

450 Sensation & Perception
460 Physiological Psychology
465 Health Psychology
503 Psychology of Drug Use & Effects
523 Psychology of Aging
550 Advanced Sensation & Perception
560 Advanced Physiological Psychology

ASTRONOMY

300 and HIGHER

COMPUTER SCIENCE

213 and Higher

GEOLOGY

300 and Higher

HEALTH PROMO & EDUC

333 Sanitation & Enviro
Health

MATHEMATICS

241 and Higher

PHYSICS

212 and Higher

STATISTICS

506 and Higher