Unofficial Graduation Checklist

Name _____________________________________________________  R# ______________________
Catalog year – 2017-2019  Major – Biology

Biology Core (22 hours)
___ BIOL 1403  Biology I (CL)  (Fall only)
___ BIOL 1404  Biology II (CL)  (Spring only)
___ BIOL 3305  Organic Evolution
___ BIOL 3416  Genetics (CL)
___ BIOL 3309  Principles of Ecology
___ BIOL 3120  Cell Biology Lab
___ BIOL 3320  Cell Biology

Biology Electives (17 hours)
(Choose from any 3000-4000 level electives in BIOL, BOT, MBIO or ZOOL
- Does NOT include MBIO 3400
- You may apply either PHIL 3322, 3325, or 3334 as an upper-
division elective, but only one.
- No more than 6 hours of Undergraduate Research may apply
to your degree.

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Chemistry (16 hours)
___ CHEM 1307  Principles of Chemistry I
___ CHEM 1107  Exp. Principles of Chemistry I
___ CHEM 1308  Principles of Chemistry II
___ CHEM 1108  Exp. Principles of Chemistry II
___ CHEM 3305  Organic Chemistry I
___ CHEM 3105  Exp. Organic Chemistry I
___ CHEM 3306  Organic Chemistry II
___ CHEM 3106  Exp. Organic Chemistry II

Physics (8 hours)
___ PHYS 1403  General Physics I
___ PHYS 1404  General Physics II

Math (Minimum 6 hours)
___ MATH 2300 or 1451
___ Math _____ (college algebra or higher)

General Education Requirements: When selecting courses to fulfill your General Education requirements, you must ALWAYS refer to the approved selection of courses in the TTU catalog.

English (9 hours required)
___ ENGL 1301
___ ENGL 1302
___ 2000-level English Lit

** Note – ENGL 2371 will not complete Eng. Lit requirement

Oral Communication (3 hours required)
___ Choose from COMS 2300, COMS 2358, CFAS 2300,
   ENGR 2331, or MCOM 2310

Foreign Language (Hours vary) A minimum of one semester of foreign language at the 2000-level or above plus necessary pre-reqs.
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U.S. & Texas History (6 hours)  Choose 2 of following 3:
___ HIST 2300  ___ HIST 2301  ___ HIST 2310

U.S. & Texas Government (6 hours)
___ POLS 1301  ___ POLS 2306
   (POLS 2302 prior to 2017 catalog)

Social & Behavioral Sciences (3 hours)
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Creative Arts (3 hours)
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Personal Fitness & Wellness (1 hour)
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Multicultural (3 hours)
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Mathematics (6 hours) & Life Sciences (8 hours) are met by your Biology degree requirements.

Language, Philosophy & Culture (3 hours)
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*May be Fulfilled by selected English Lit

Communication Literacy Classes - Beginning with the 2017 catalog and beyond, you must take 3 Communication Literacy courses in your major.

All grades in the major, minor, and adjunct requirements must be a grade of "C" or higher
Other Graduation Requirements:

Minor  ___________________________

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Have you taken 40 hours of 3000-4000 (upper) level classes?

Optional Courses:

Pre-requisites for Post-graduate programs

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Approved CL Electives

Courses in the Communication Literacy plan:

BIOL 3303 - Tropical Marine Biology
BIOL 3405 - Plant Ecology
BIOL 3410 - Experimental Molecular Biology
BIOL 4101 - Biology Seminar
BIOL 4301 - Special Topic: Immune Response to Infectious & Inflammatory Disease
BIOL 4301 - Special Topic: Neurobiology
BIOL 4307 - Cancer Biology
BIOL 4320 - Molecular Biology
BOT 3404 - Evolution and Classification of Plants
MBIO 4303 - Physiology of Bacteria
MBIO 4367 - Molecular Pathogenesis of Protozoans
MBIO 4401 - Microbial Ecology
ZOOl 3403 - Parasitology
ZOOl 3406 - Comparative Invertebrate Zoology
ZOOl 4409 - Comparative Animal Physiology
ZOOl 4410 - Introduction to Ichthyology
ZOOl 4311 - Medical Entomology
ZOOl 4421 - Field Herpetology

All grades in the major, minor, and adjunct requirements must be a "C" or higher