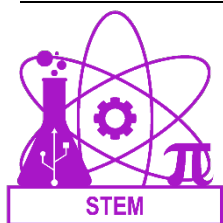


BIG BEND COMMUNITY COLLEGE

STEM

PRE-BIOLOGY – Transfer (AS T track 1)



A degree in biological sciences opens the door to a wide variety of choices—from the health sciences to environmental technology, from biomedical research to wildlife biology. The range of possibilities is limited only by a student’s own interests, aptitudes, and imagination! The biology program provides courses to meet a variety of student needs.

Since programs differ at each college, students should consult program outlines published by the college or university to which they intend to transfer. The following recommended courses will prepare students for most baccalaureate programs. Students should prepare their quarterly schedules with the assistance of an advisor knowledgeable in this transfer area.

ENTRY REQUIREMENTS

- Complete Admissions and Placement process
- Meet with a BIOLOGY advisor prior to enrolling

DEGREE REQUIREMENTS

Breadth and Biology Core (78 credits)

- | | |
|---|--|
| <ul style="list-style-type: none"> <input type="checkbox"/> ENGL& 101 – Composition I (5) <input type="checkbox"/> Humanities & Social Sciences (15)
(must select at least one HU and one SS course) Some recommended Humanities (HU) courses:
CMST&220 – Public Speaking (5)
HUM 214 – Diversity Issues (5) <ul style="list-style-type: none"> - <i>Meets EWU Diversity Requirement</i> Foreign Languages (FRCH&, GERM&, SPAN&) <ul style="list-style-type: none"> - <i>Universities require one year of college level or two years of high school foreign language</i> <input type="checkbox"/> Physical Education/Wellness (1) | <ul style="list-style-type: none"> <input type="checkbox"/> BIOL& 221 – Majors Ecology/Evolution (5) <input type="checkbox"/> BIOL& 222 – Major Cell/Molecular (5) <input type="checkbox"/> BIOL& 223 – Majors organismal Physiology (5) <input type="checkbox"/> CHEM& 161 – General Chemistry I (5) <input type="checkbox"/> CHEM& 162 – General Chemistry II (5) <input type="checkbox"/> CHEM& 163 – General Chemistry III (5) <input type="checkbox"/> MATH& 141 – Pre-Calculus I (5) <input type="checkbox"/> MATH& 142 – Pre Calculus II (5) <input type="checkbox"/> MATH& 151 – Calculus I (5) <input type="checkbox"/> MATH& 152 – Calculus II (5) <input type="checkbox"/> MATH& 163 – Calculus III (5) OR <input type="checkbox"/> MATH& 146 – Introduction to Statistics (5) <ul style="list-style-type: none"> - <i>Do not take MATH& 146 if you are required to take Bio Stats at a university</i> |
|---|--|

Electives (15 Credits)

Select Field Specific Electives with Your Advisor

- | | |
|--|---|
| <p>Courses Related to Intended Major</p> <ul style="list-style-type: none"> <input type="checkbox"/> BIOL& 241 – Anatomy and Physiology 1 (5) <input type="checkbox"/> BIOL& 242 – Anatomy and Physiology 2 (5) <input type="checkbox"/> BOT 130 – Botany (5) <input type="checkbox"/> CHEM& 121 – Intro Chemistry (5) <i>(if needed for 161)</i> <input type="checkbox"/> ENVS& 100 – Survey of Environmental Science (5) <input type="checkbox"/> MATH – 200 level <i>(if needed for university major)</i> <input type="checkbox"/> NUTR& 101 – Nutrition (5) <input type="checkbox"/> PHYS& - physics 100 or 200 level (5-15) | <p>Additional Breadth Courses (aka Gen Ed/U Core)</p> <ul style="list-style-type: none"> <input type="checkbox"/> ENGL& 102 – Composition II (5) OR <input type="checkbox"/> ENGL& 235 – Technical Writing (5) <input type="checkbox"/> Humanities (HP/HU) _____ _____ <input type="checkbox"/> Social Sciences (SS) _____ _____ |
|--|---|

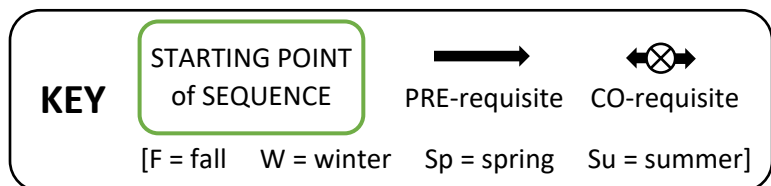
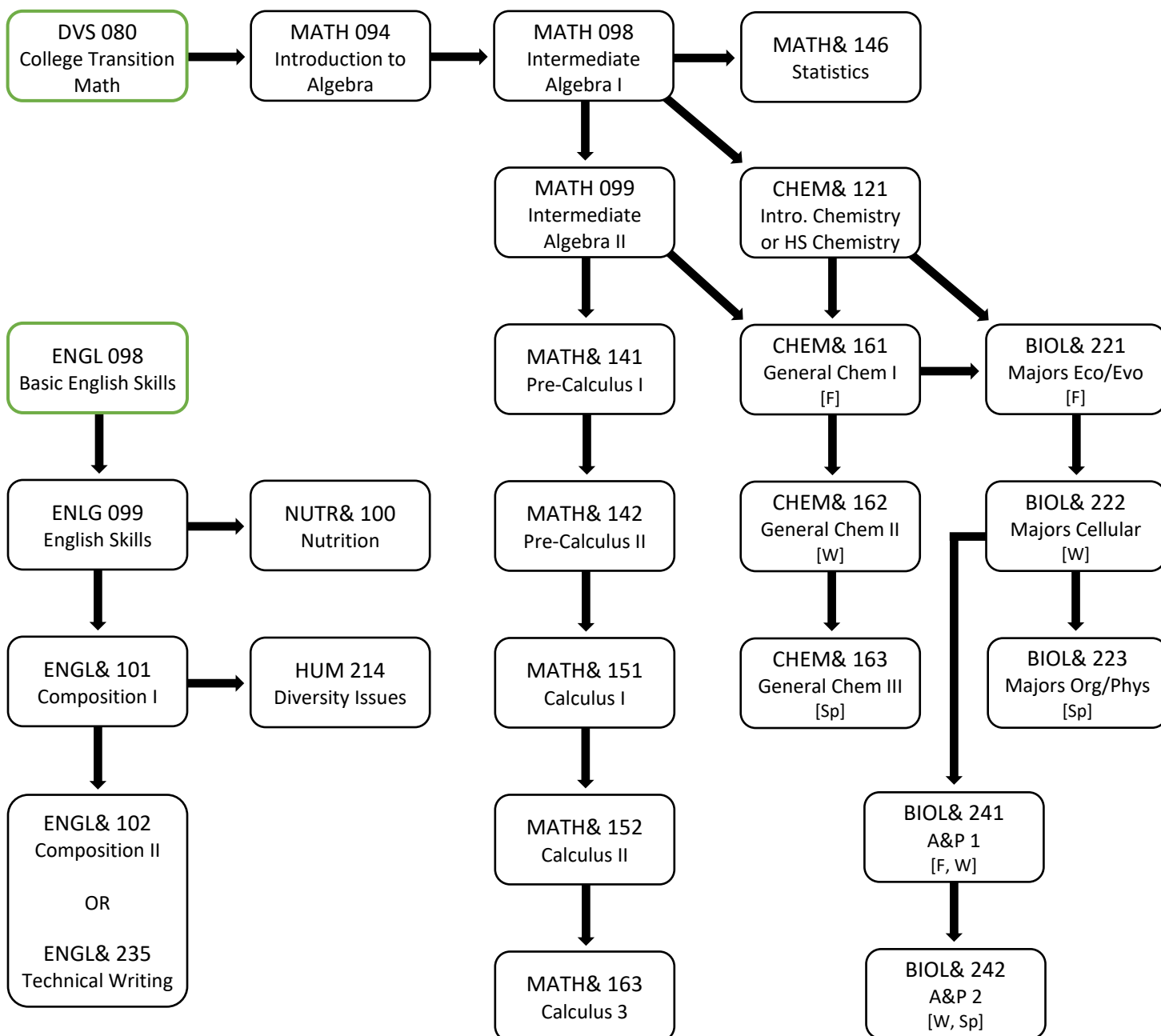
90+ TOTAL DEGREE CREDITS

NAME: _____

SID: _____

BIOLOGY PREREQUISITE FLOW CHART

Start by talking with your assigned advisor to determine which courses to take first based on your placement scores.



- Recommended Courses WITHOUT prerequisites**
- BIOL& 100 – Survey of Biology
 - CMST& 220 – Public Speaking
 - ENVS& 100 – Survey of Environmental Science
 - Foreign Languages (FRCH&, GERM&, SPAN&)
 - PE/PEH 100 or above
 - PSYC& 100 – General Psychology
 - SOC& 101 – Introduction to Sociology

NAME: _____

STARTING WITH PLACEMENT AT BELOW PRE-CALCULUS WITH NO PREVIOUS BIOLOGY OR CHEMISTRY QUARTERLY PROGRAM PLAN (YEAR ONE)		
FALL (15 credits)	WINTER (15 credits)	SPRING (15 credits)
BIOL& 100 (5) ENGL 098/099 (5) MATH 099 (5)	Advisor Approved HU/SS (5) CHEM& 121 (5) MATH& 141 (5)	Advisor Approved HU/SS (5) ENGL& 235 (5) or other advisor approved elective MATH& 142 (5)
QUARTERLY PROGRAM PLAN (YEAR TWO)		
FALL (11-13 credits)	WINTER (15 credits)	SPRING (10-15 credits)
BIOL& 221 (5) CHEM& 161 (5) PEH (1-3)	BIOL& 222 (5) CHEM& 162 (5) Advisor Approved HU/SS (5)	BIOL& 223 (5) CHEM& 163 (5) Additional HU/SS toward DTA or other advisor approved elective
EXAMPLE QUARTERLY PROGRAM PLAN (YEAR THREE)		
FALL (10-15 credits)	WINTER (10-15 credits)	SPRING (10-15 credits)
MATH& 151 (5) ENGL& 101 (5) Additional HU/SS toward DTA or other advisor approved elective	MATH& 152 (5) Additional HU/SS toward DTA or other advisor approved elective	MATH& 163 or 146 (5) Additional HU/SS toward DTA or other advisor approved elective

STARTING WITH PLACEMENT OF PRE-CALCULUS WITH PREVIOUS BIOLOGY & CHEMISTRY QUARTERLY PROGRAM PLAN (YEAR ONE)			
FALL (15 credits)	WINTER (15 credits)	SPRING (16-18 credits)	SUMMER (5-10 credits)
CHEM& 161 (5) ENGL& 101 (5) MATH& 141 (5)	CHEM& 162 (5) ENGL& 235 (5) or other advisor approved elective MATH& 142 (5)	CHEM& 163 (5) MATH& 146 (5) (if needed) Approved HU/SS (5) PEH (1-3)	As needed for degree core or breadth
QUARTERLY PROGRAM PLAN (YEAR TWO)			
FALL (15 credits)	WINTER (15 credits)	SPRING (15 credits)	
BIOL& 221 (5) MATH& 151 (5) Advisor Approved HU/SS (5)	BIOL& 222 (5) MATH& 152 (5) Approved HU/SS (5)	BIOL& 223 (5) MATH& 163 (5) Additional HU/SS toward DTA or other advisor approved elective	

SID: _____

ADVISING		
FALL	WINTER	SPRING
<input type="checkbox"/> Fill out FAFSA or WAFSA for next year <input type="checkbox"/> Meet with your advisor Last fall @ BBCC <input type="checkbox"/> Begin university admissions process <input type="checkbox"/> Research outside scholarships <input type="checkbox"/> Identify letters of recommendation	<input type="checkbox"/> Assess program plan with advisor <input type="checkbox"/> BBCC Foundation scholarship app Last winter @ BBCC <input type="checkbox"/> Submit admissions app by Jan 15 <input type="checkbox"/> Complete university scholarship apps <input type="checkbox"/> Apply for BBCC graduation	<input type="checkbox"/> Assess program plan with advisor <input type="checkbox"/> Research summer employment Last spring @ BBCC <input type="checkbox"/> Submit final transcripts to universities <input type="checkbox"/> Confirm with a university

