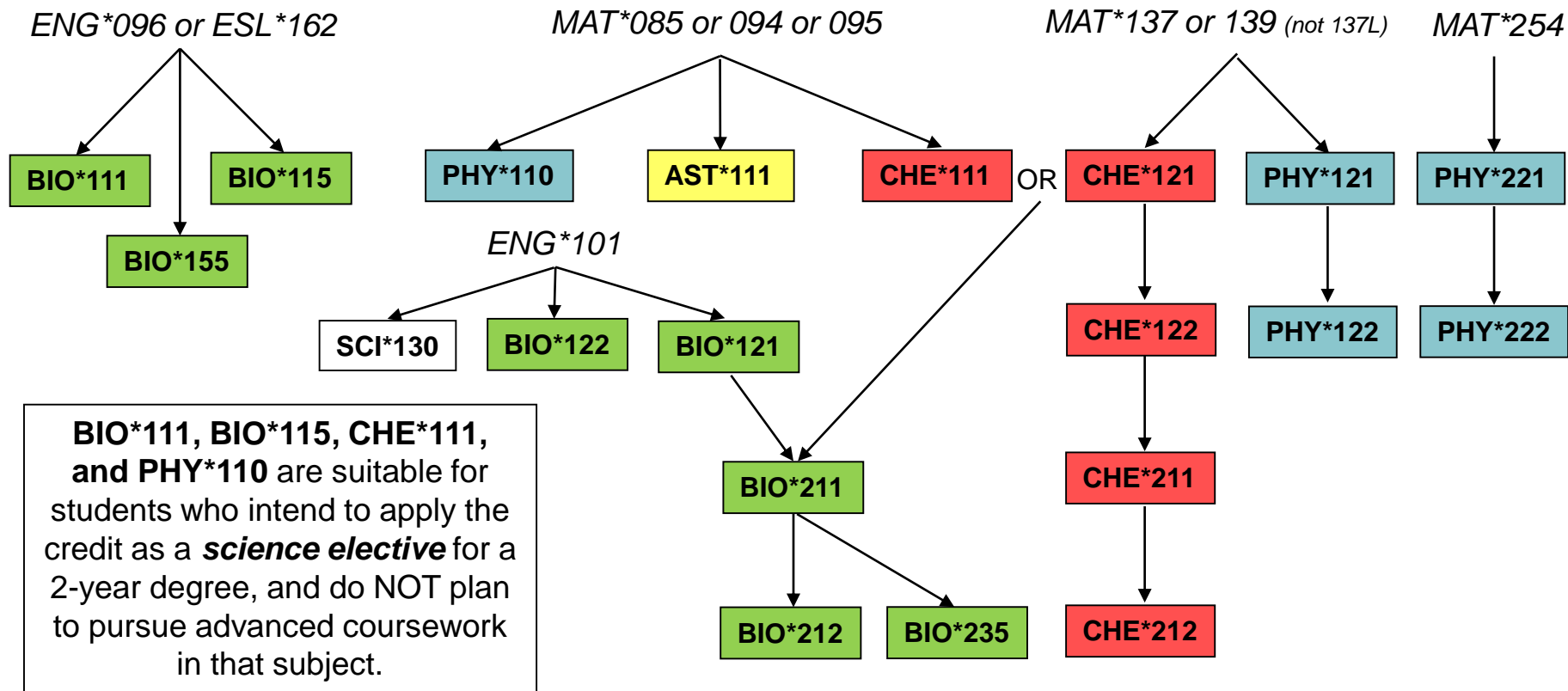


Prerequisite Structure for Science Courses (Effective Spring 2019)



For questions about transfer equivalencies or prerequisite waivers, please call Robert (x31648).

Do you need to satisfy an ABE Gen Ed or TAP Competency?

- 8. Scientific Knowledge: take ANY 3-credit or 4-credit science course
- 9. Scientific Reasoning and embedded Ethics: take any 4-credit lab course in AST, BIO, CHE, or PHY

PREREQUISITES for SCIENCE COURSES

Effective Spring 2019

<i>Courses with NO Prerequisites</i>	
EAS*102 Earth Science	EAS*106 Natural Disasters
EVS*100 Intro to Environmental Science	MET*101 Meteorology
<i>Courses with ENGLISH Prerequisites Only</i>	
BIO*111 Intro to Nutrition	Comp-ready ^a
BIO*115 Human Biology	Comp-ready ^a
BIO*155 General Botany	Comp-ready ^a
BIO*121 General Biology I	C- or better in Composition
BIO*122 General Biology II	C- or better in Composition
SCI*130 Intro to Forensic Sci.	C- or better in Composition
<i>Courses with Both ENGLISH and MATH Prerequisites</i>	
BIO*211 Anatomy & Phys I	C- or better in Gen Biology I ^b <u>AND</u> C- or better in CHE*111 or CHE*121
BIO*212 Anatomy & Phys II	C- or better in A&P I ^c
BIO*235 Microbiology	C- or better in A&P I ^c
<i>Courses with MATH Prerequisites ONLY</i>	
AST*111 Intro to Astronomy	Intermediate-ready ^d
CHE*111 Concepts of Chemistry	Intermediate-ready ^d
CHE*121 General Chem I	C- or better in MAT*137 ^e or MAT*139
CHE*122 General Chem II	C- or better in Gen Chem I
CHE*211 Organic Chem I	C- or better in Gen Chem II
CHE*212 Organic Chem II	C- or better in Organic Chem I
PHY*110 Introductory Physics	Intermediate-ready ^d
PHY*121 General Physics I	C- or better in MAT*137 ^e or MAT*139
PHY*122 General Physics II	C- or better in Gen Physics I
PHY*221 Calculus-Based Phys I	C- or better in Calculus I
PHY*222 Calculus-Based Phys II	C- or better in Calculus-Based Physics I

- a “Comp-ready” = C- or better in ENG*096 Introduction to College English or ESL*162 Reading & Writing VI, OR placement into credit-level ENG
- b The following courses CANNOT be substituted in place of the BIO*121 prerequisite: BIO*105 Intro to Biology, BIO*115 Human Bio, transfer courses with no lab or ‘online lab’ format
- c A 100-level A&P course CANNOT be used to satisfy the BIO*211 prerequisite
- d “Intermediate-ready” = C- or better in MAT*085 Pre-Algebra and Elem Algebra, MAT*094 Introductory Algebra, MAT*095 Elementary Algebra, OR placement into credit-level MAT
- e MAT*137L CANNOT be substituted in place of the STEM-version MAT*137

Note on ABE Gen Eds and TAP Competencies:

- ALL science courses listed in the above table satisfy **#8. Scientific Knowledge**
- ONLY 4-credit lab courses for AST, BIO, CHE, and PHY satisfy **#9. Scientific Reasoning and embedded Ethical Dimensions**