

**Biology BS - Accelerated
Curriculum Map^{1,2}**

BS/MD USF Pre-Medicine
BS/DO/PharmD LECOM

Assumes that student arrives ready for Calculus I (MAC 2311) and Statistical Methods (STA 2023).

Year 1 – Freshman

Fall		15	Prerequisites
BSC 1010C	General Biology I with Lab	4	
BSC 1930L	Seminar in Medicine I	1	
CHM 1045	General Chemistry I	3	MAC 1105 or MAC 1147 or MAC 2311 or MAC 2157 or ACU5 for min. score of 066, Co-requisite CHM 1045L
CHM 1045L	General Chemistry I with Lab	1	MAC 1105 or MAC 1147 or MAC 2311 or MAC 2157 f or ACU5 for min. score of 066, Co-requisite CHM 1045
ENC 1101	Composition I	3	
XXX XXXX	Gen. Ed. Social Science ^{3,4}	3	

Spring		15	Prerequisites
BSC 1011	General Biology II	3	Co-requisite BSC 1011L
BSC 1011L	General Biology II Lab	1	Co-requisite BSC 1011
BSC 2930L	Seminar in Medicine II	1	BSC 1930L
CHM 1046	General Chemistry II	3	CHM 1045C (or CHM 1045 and CHM 1045L)
CHM 1046L	General Chemistry II Lab	1	(CHM 1045C or (CHM 1045 and CHM 1045L)), Co-requisite CHM 1046
ENC 1102	Composition II	3	
Hum 2510	Understanding Visual and Performing Arts	3	

Year 2 - Sophomore

Fall		16	Prerequisites
PCB 3703C	Human Physiology	3	(BSC 1010C or (BSC 1010 and BSC 1010L)) and (BSC 1011C or (BSC 1011 and BSC 1011L)) and (CHM 1046C or (CHM 1046 and CHM 1046L))
BSC 2930L 3	Seminar in Medicine III	1	BSC 2930L, Continued acceptance in the BS Biology Accelerated 3+4 concentration, instructor permission
CHM 2210	Organic Chemistry I	3	(CHM 1046L and CHM 1046) or CHM 1046C , co-requisite CHM 2210L
CHM 2211L	Organic Chemistry I Lab	1	(CHM 1046C or (CHM 1046 and CHM 1046L), co-requisite CHM 2210
PHY 2053C	College Physics I with Lab	4	MAC 1147 or MAC 2311
MAC 2311	Calculus I	4	MAC 1147 or MAC 2157 or ACU5 for min. score of 087

Spring		14	Prerequisites
CHM 2211	Organic Chemistry II	3	CHM 2210C (or CHM 2210 and CHM 2210L), co-requisite: CHM 2211L
CHM 2211C	Organic Chemistry II Lab	1	CHM 2210 and CHM 2210L) or CHM 2210C, co-requisite: CHM 2211
PCB 3063C	Genetics	3	BSC 1010C (or BSC 1010 and BSC 1010L) and BSC 1011 and BSC 1011L (or BSC 1011C) and CHM 1045C (or CHM 1045 and CHM 1045L)
STA 2023	Statistical Methods	3	(MAT 1033 or MAC 1105 or MAC 1147 or MAC 2233 or MGF 1107 or MGF 1106) or S02 for min. score of 550 or A02 for min. score of 24 or ACU4 for min. score of 090
PHY 2054C	College Physics II with Lab	4	PHY 2053C

Year 3 - Junior

Fall		17	Prerequisites
BSC 4910C	Senior Research in Biology	2	PCB 3063C and (PCB 3023C, ZOO 3713C, or PCB 3793C)
BCH 3023C	Biochemistry with Lab	3	CHM 2211C or (CHM 2211 and CHM 2211L)
XXX XXXX	General Education Humanities ³	3	
XXX XXXX	General Education Humanities ³	3	
IDS 3290	University Colloquium	3	
XXX XXXX	Elective	3	

Spring		13	Prerequisites
BSC 4911	Senior Project Presentation	1	BSC 4910C
MCB 3020C	General Microbiology	4	CHM 2210C (or CHM 2210 and CHM 2210L) and BSC 1010C (or BSC 1010 and BSC 1010L)
XXX XXXX	General Education Social Science ^{3,4}	3	
XXX XXXX	Elective	3	
XXX XXXX	Elective	2	

Year 4 - Senior

Upon successful completion of the first year of the USF medical school or the LECOM osteopathic medicine or pharmacy curriculums, 30 credits are awarded by FGCU for completion and conferral of the B.S. in Biology.

Color Code

Course Type	Total Credit Hours
General Education (not part of Common Prerequisites.)	21
Common Prerequisites	31
Required in the Major	27
University Requirement	3
Electives	8

¹ Any 9 credits from above (based on availability) must be completed in summer semester(s).

² See catalog under Program Requirements for a list of accepted substitutions.

³ At least one of these courses must be a Gordon Rule Class.

⁴ LECOM Pre-Pharmacy students should take ECO 2023 Principles of Micro Economics for one of their General Education Social Sciences.