

STEM Track





HEALTH SCIENCES
COLLEGIATE ACADEMY



Lake Sumter
State College



Sophomore Year	College Credits	HS Credits
College Success <small>REQUIRED FOR EVERYONE</small>	3	0.5
SEMESTER TOTAL	3	0.5

Junior Year / Fall Semester	College Credits	HS Credits
ENC 1101: College Composition I <small>REQUIRED FOR EVERYONE</small>	3	1
MAC 1105: College Algebra <small>REQUIRED FOR EVERYONE</small>	3	1
BSC 1010C: General Biology I w/Lab 	4	1
HUM: Humanities Elective <small>REQUIRED FOR EVERYONE</small>	3	0.5
SEMESTER TOTAL:	13	3.5

Junior Year / Spring Semester	College Credits	HS Credits
ENC 1102: Composition Literature <small>REQUIRED FOR EVERYONE</small>	3	1
MAC 1140: Precalculus Algebra <small>REQUIRED FOR EVERYONE</small>	4	1
BSC 1011C: General Biology II w/Lab 	4	1
CHM 1025C: Introductory Chemistry w/Lab <small>REQUIRED FOR EVERYONE</small>	4	1
SEMESTER TOTAL:	15	4

"Optional" Summer Session	College Credits	HS Credits
SPC 2608: Public Speaking OR Humanities Elective	3	1
Other Elective	3	1
SEMESTER TOTAL <small>*2 class max for the summer</small>	6	2

Senior Year / Fall Semester	College Credits	HS Credits
MAC 1114: Trigonometry <small>REQUIRED FOR EVERYONE</small>	3	1
POS 2041: American National Government <small>REQUIRED FOR EVERYONE</small>	3	0.5
CHM 2045C: General Chemistry I w/Lab <small>REQUIRED FOR EVERYONE</small>	4	1
ECO 2013: Principles of Economics I, Macroeconomics <small>REQUIRED FOR EVERYONE</small>	3	0.5
HUM: Humanities Elective <small>REQUIRED FOR EVERYONE</small>	3	0.5
SEMESTER TOTAL:	16	3.5

Senior Year / Spring Semester	College Credits	HS Credits
PHY 1020C: Conceptual Physics <small>REQUIRED FOR EVERYONE</small>	3	1
MAC 2311: Calculus w/ Analytic Geometry I 	4	1
SPC 2608: Public Speaking <small>REQUIRED FOR EVERYONE</small>	3	0.5
CHM 2046C: General Chemistry II w/Lab 	4	1
SEMESTER TOTAL:	14	3.5

Program Pathways		
Engineering	Medical Lab Sciences	Biology
Kinesiology	Molecular Microbiology	Chemistry
Health Sciences	Molecular and Cellular Biology	Forensic Science
Biomedical Sciences	Physics	

Please note the courses listed on this schedule are to help students receive their A.A. before continuing on to earn their A.S. or B.S.