



GENERAL STUDIES SCIENCE SPECIALIZATION

Associate of Science (AS)

Advising Sheet – Suggested Course Sequence

Student Name _____

Faculty Advisor _____

REQUIRED COURSES	CR	PRE-REQUISITE COURSES	APPROVED COURSE SUBSTITUTIONS	TERM THAT I PLAN TO TAKE OR √ TAKEN
SDV 100 College Success Skills	1		SDV 101 Orientation to STEM	
ENG 111 College Composition I	3	See Placement Requirements		
ENG 112 College Composition II	3	ENG 111		
MTH 161 Precalculus I	3	See Placement Requirements	See Note 1	
MTH 162 Precalculus II	3	MTH 161	See Note 1	
MTH 245 Statistics	3	See Placement Requirements	See Note 1	
CHM 111 General Chemistry I	4	MTH 161 Readiness		
CHM 112 General Chemistry II	4	CHM 111		
Physics Elective (choose 1): PHY 201 General College Physics I PHY 241 University Physics I	4	MTH 161; MTH 263	See Note 2	
Physics Elective (choose 1): PHY 202 General College Physics II PHY 242 University Physics II	4	PHY 201; PHY 241	See Note 2	
BIO 101 General Biology I or Advanced Math	4	Math Modules 1-3 and ENG 111-readiness; See Placement Requirements	See Note 3	
BIO 102 General Biology II or Advanced Math	4	BIO 101; See Placement Requirements	See Note 3	
CST 100 Principles of Public Speaking	3		CST 110; Foreign language; See Note 4	
History Elective (choose 1): HIS 101 History of Western Civilization I HIS 102 History of Western Civilization II HIS 111 History of World Civilization I HIS 112 History of World Civilization II HIS 121 United States History I HIS 122 United States History II	3	ENF 1		
Social / Behavioral Science Elective (choose 1): PSY 200 Principles of Psychology PSY 230 Developmental Psychology SOC 200 Principles of Sociology ECO 201 Principles of Macroeconomics ECO 202 Principles of Microeconomics	3	See Placement Requirements		
Social / Behavioral Science Elective (choose 1): PSY 200 Principles of Psychology PSY 230 Developmental Psychology SOC 200 Principles of Sociology ECO 201 Principles of Macroeconomics ECO 202 Principles of Microeconomics	3	See Placement Requirements		
Literature Elective (choose 1)	3	ENG 112		

ENG 241 Survey of American Literature I ENG 242 Survey of American Literature II ENG 243 Survey of English Literature I ENG 244 Survey of English Literature II ENG 251 Survey of World Literature I ENG 252 Survey of World Literature II				
Humanities Elective FRE 101 Beginning French I FRE 102 Beginning French II PHI 111 Logic PHI 220 Ethics SPA 101 Beginning Spanish I SPA 102 Beginning Spanish II	3	See Placement Requirements	See Note 4	
Choose 1 from Electives Listed above, or 1 of the following: ART 101 History and Appreciation of Art I ART 102 History and Appreciation of Art II CHM 241 Organic Chemistry I EDU 200 Introduction to Teaching as a Profession HLT 160 Personal Health and Fitness ITE 115 Introduction to Computer Applications and Concepts ITE 119 Information Literacy	3	See Placement Requirements	See Note 5	
Total Minimum Credits to Complete	61			

NOTES:

1. Science students must complete 9 math credits. Students may choose from the following math courses: MTH 161, MTH 162, MTH 167, MTH 245, MTH 263, MTH 264, and MTH 265. Please note that students cannot receive credit for both MTH 167 and MTH 161/MTH 162. Students intending to transfer to VCU must take MTH 161 and MTH 162 to receive credit for the VCU Precalculus course. MTH 263 and MTH 264 are recommended for chemistry and physics majors. Biology majors should consult with their intended transfer institution and their advisor to choose the most appropriate math courses.
2. Physics 201/202 is recommended for Biology or Chemistry majors and Physics 241/242 is recommended for Physics majors. Other lab science courses may be used to satisfy this requirement. Please see your advisor to discuss this further.
3. Students must complete either the General Biology sequence or Advanced Math. The following courses will count for the Advanced Math requirement: MTH 263, MTH 264, MTH 265. MTH 263, MTH 264, MTH 265 is preferred for chemistry and Physics majors. Bio 101 and Bio 102 is preferred for Biology, Biochemistry, and Environmental Science majors. Pre-med students should meet with their advisor to determine the best course option.
4. Students who have not satisfied the foreign language requirement at their intended transfer institution should consider taking foreign language for this course requirement.
5. Students who are interested in pursuing a career in science education should take EDU 200 for this course. Students should consult with their advisor and/or transfer institution to determine the most appropriate course.