

**Advising Worksheet**  
**Catalog Year 2023-2024**  
**Liberal Arts & Sciences A.A.: Biology**  
**A.A. Degree – 61-63 Credits**

NOTE: Successful completion of this pathway will be indicated on the student transcript as a Concentration in Biology. Students are responsible for determining the transferability of courses to a particular program at another institution.

**FALL 1**

Course ID	Course Name	Credits	Prerequisites & Course information
ACP100	Academic and Career Planning	1	
BIO 104	Principles of Biology I Lecture	3	Co-requisite: BIO 114
BIO 114	Principles of Biology I Lab	1	Co-requisite: BIO 104
CHM 120	General Chemistry I	4	High school Chemistry and Algebra (or placement into College Algebra
ENG110	English Composition I	3	By placement exemption or exam
MAT145	College Algebra	3	MAT 131 with C or higher or placement exam
	<b>Total Credits</b>	<b>15</b>	

**SPRING 1**

BIO 106	Principles of Biology II Lecture	3	Prerequisite: BIO 104 Co-requisite: BIO 116
BIO 116	Principles of Biology II Lab	1	Prerequisite: BIO 114 Co-requisite: BIO 106
Math or Science Elective	Select from list	4	
English Elective	English Composition II, Technical Writing, or Research Writing	3	Prerequisite: ENG 110
Math Elective	Math Elective: Select from list	3	Recommended: MAT200
	<b>Total Credits</b>	<b>14</b>	

**SUMMER 1**

PHY 110	Physics I Lecture/	3	Prerequisite: MAT145
PHY 111	Physics I Lab	1	
Humanities Track 1 or 2 Elective	Select from list	3	
	<b>Total Credits</b>	<b>7</b>	

**FALL 2**

Math or Science Elective	Select from List	3/4	Recommended MAT 210
Science Elective	Select from list	3/4	
Social Science Track 1 Elective	Select from list	3	Recommended: HIS100 or HIS110
Humanities or Social Science Elective	Select from list	3	
	<b>Total Credits</b>	<b>12-14</b>	

**SPRING 2**

Communication Elective		3	Recommended: COM101 Public Speaking
Humanities Track I Elective	Select from list	3	Recommended: ART101 or MUS100
Social Science Track 2 Elective	Select from list	3	Recommended: PSY100 General Psychology
Science Elective	Select from list	4	
	<b>Total Credits</b>	<b>13</b>	

**Minimum credits to earn A.A. Degree:**

**61-63**

**Science Electives:**

AGR 105/115 Botany w/Lab  
 BIO 102 Life Science  
 BIO 108/118- Forensics Biology w/ Lab  
 BIO 202/212 Anatomy and Physiology I w/Lab  
 BIO 204/214 Anatomy and Physiology II w/Lab  
 BIO 206/216 Microbiology w/Lab  
 BIO 207/217- Ecology w/Lab

BIO 208/218- Genetics w/Lab  
 ENV 110 Intro to Environmental Science  
 GLG102/103 Geology w/Lab  
 PHY 115/116 Physics II w/Lab  
 CHM 122 – General Chemistry II

**Math Electives: Additional math class can be taken to satisfy open elective**

MAT 170 - Precalculus  
 MAT 200 – Probability & Statistics  
 MAT204 – Discrete Mathematics  
 MAT 210 - Calculus I

MAT 220 - Calculus II  
 MAT230 - Calculus III  
 MAT240 – Differential Equations

**Social Science Track 1 Electives**

CIV 100 - Western Civilization: Ancient through Renaissance  
 CIV 110 - Western Civilization: Renaissance to Present  
 CIV200 – Ancient Rome and the Barbarians  
 GEO 100 - Introduction to Geography  
 GOV 100 - Introduction to American National Government  
 GOV 210 - Current Events and Contemporary Issues  
 HIS 100 - U.S. History I: Discovery through Reconstruction

HIS 110 - U.S. History II: Reconstruction to Present  
 HIS 200 - American Immigration  
 HIS 205 - American Popular Culture  
 HIS 210 - The Civil War and Reconstruction  
 HIS 220 - The Vietnam War  
 HIS 250 - World War II through Film

**Social Science Track 2 Electives**

ADD115 – Chemical Dependency & Additions  
 ADD125 Drugs in Society  
 ADD225 Introduction to Chemical Dependency Counseling  
 ANT 100 - Introduction to Cultural Anthropology  
 CRJ 105- Institutional and Community Corrections  
 CRJ 110- Introduction to Criminal Justice  
 CRJ 115- Ethics in Criminal Justice  
 CRJ 150 – Juvenile Justice  
 CRJ175 – Constitutional Law  
 CRJ 215 - Criminal Law and Procedure  
 CRJ 225 – Criminological Theory  
 CRJ 235 – Criminal Investigation and Policing  
 CRJ 260 – Deviance & Victimology  
 ECO 100 - Macroeconomics  
 ECO 110 – Microeconomics  
 PLG100 – Intro to Paralegal Studies

PLG110 – Ethics for Paralegals  
 PSY 100 - General Psychology  
 PSY 130 - Human Development Across the Lifespan  
 PSY120 - Education Psychology  
 PSY 200 - Abnormal Psychology  
 PSY 210 – Psychology of Aging  
 PSY 215 - Death and Dying  
 PSY 220 – Introduction to Counseling  
 SOC 100 - Introduction to Sociology  
 SOC 200 – Contemporary Social Issues  
 SOC 205- Race, Class, and Gender in Society  
 SWK 135 Families in Society  
 SWK210 Social Welfare  
 SWK225 Ethics in Social Sciences

**Humanities Track 1 Electives**

ART 101 - Introduction to Art History  
 MUS 100 - Introduction to Music  
 PHI 110 - Introduction to Philosophy

REL 100 – World Religions/Religious Studies

**Humanities Track 2 Electives**

ART 105 – Drawing Fundamentals  
 ART 110 - Introduction to Painting and Sculpting  
 ASL 101- American Sign Language I  
 ENG 205 - Research Writing  
 ENG 215 – Creative Writing  
 ENG 230 - Survey of American Literature I  
 ENG 235 - Survey of American Literature II  
 ENG 240 - Survey of British Literature I  
 ENG 245 - Survey of British Literature II  
 ENG 250 - Women and Literature  
 ENG 255 – Literature for Children and Adolescents  
 ENG 271 – World Literature  
 FLM 110 - Introduction to American Cinema

FRE 101 – French I  
 FRE 102 – French II  
 HUM 100 - Introduction to Humanities  
 MUS 200 - Popular American Music in the Twentieth Century  
 PHI 100 – Critical Thinking SPA 101 – Spanish I  
 PHI 200 – Introduction to Ethics  
 REL 200 – Understanding the Bible  
 SPA 102 – Spanish II  
 SPA 203 – Spanish III  
 SWK225 – Ethics in Social Science  
 THR130 – Acting I: Introduction to Stage Movement  
 THR210 – Improvisation and Creativity