Advising Worksheet
Catalog Year 2023-2024
Liberal Arts & Sciences – Exploratory Concentration
A.A Degree 61 Credits

The Liberal Arts and Sciences – Exploratory concentration is designed for students who are undecided about their future career and/or transfer plans. The major allows students to select classes he or she might be interested in pursuing while providing guidance and structure towards completing the associate of arts degree. Students are encouraged to work closely with the Career Pathways Specialist to explore their interests to find a career and transfer pathway that works for them.

Semester I--Fall

Course ID	Course Name	Credits	Prerequisites & Course information
ACP100	Academic and Career Planning	1	
ENG110	English Composition I	3	ENG020 or by placement
CIT or MAT Elective	CIT100 or higher-level CIT or additional Math elective:	3	
Elective	Social Science Track I	3	See list; Per Individual Course
Math Elective- These and See attached list	MAT116 Mathematical Concepts & Applications OR MAT126 Elements of Math I OR MAT127 Elements of Math II OR MAT 145 College Algebra OR MAT200 Probability & Statistics Additional courses on list	3/4	MAT116: MAT085 or placement. MAT126: MAT085 or placement MAT127: MAT085 or placement, MAT145, MAT 131 or placement MAT200: Any 100-level MAT course or higher or by placement
Elective	Open	3	
	Total Credits	**16/17**	

Semester II --Spring

English Elective	ENG200-English Comp II or ENG205-Research Writing	3	ENG110
COM Elective	COM101-Public Speaking or other COM course or ENG205-Research Writing	3	
Elective	Humanities Track 1	3	See list; Per Individual Course
Elective	Open	3	
Elective	Open	3	
	Total Credits	**15**	

Semester III--Fall

Elective	Humanities/Social Science	3	See list; Per Individual Course
Elective	Social Science Track 2	3	See list; Per Individual Course
Elective	Science	3/4	See list; Per Individual Course
Elective	Open	3	
Elective	Open	3	
	Total Credits	**15/16**	

Semester IV--Spring

Elective	Humanities (Track 1/2)	3	See list; Per Individual Course
Elective	Open	3	
Elective	Open	3	
Elective	Open	3	
Elective	Open	3	
	Total Credits	**15**	

Minimum credits to earn A.A. Degree: 61

Transfer Planning

PA State System Universities (PASSHE Universities): Students who successfully complete the associate of arts degree in Liberal Arts and Sciences may transfer to any PA State System of Higher Education university and have all general education requirements met for their bachelor's degree. Some exceptions apply. It is best to collaborate with the transfer institution to determine your transfer plan.

Program to Program Transfer (P2P): P2P or Program to Program agreements provide a transfer framework for students to complete an associate degree and transfer directly to a bachelor's degree program at junior status and without loss of credit. P2P agreements exist for many Penn Highlands programs. Check with your academic advisor or the Transfer and Career Planning Office for more information.

Local University Transfer Agreements: Penn Highlands has many, many transfer agreements and plans with our regional university partners. Those universities include:
Indiana University of Pennsylvania, Juniata College, Mount Aloysius College, Saint Francis University/Francis Worldwide, Seton Hill University, University of Pittsburgh at Johnstown. Penn State Altoona will be coming soon.

Concentrations and P2P Transfer Plans: Penn Highlands offers several concentrations within the Liberal Arts and Sciences program. Concentrations allow students to focus on a particular subject as well as tailer their transfer to meet established program to program agreements. Concentrations available include:
Biology, Chemistry, Communication, English, History, and Self-Design. A Pre-Radiologic Technology track is also available to assist students in completing coursework included in the Radiologic Technology program offered at Conemaugh Memorial Medical Center. Students must be approved and accepted into this program by Conemaugh.

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61/64 Credits

Math Electives

MAT 116 - Math Concepts & Applications
MAT 126- Elements of Mathematics I
MAT 127- Elements of Mathematics II
MAT 145 - College Algebra
MAT 170 – Precalculus
MAT 200 – Probability & Statistics
MAT 204-Discrete Mathematics
MAT 205- Applied Calculus for Business
MAT 210- Calculus I
MAT 220- Calculus II
MAT 230- Calculus III
MAT 240- Differential Equations

Science Electives

AST100-Introduction to Astronomy (3credit)
BIO102- Life Science (3credit)
BIO 104 - Princ of Biology I/ BIO 114-Princ of Biology I Lab
BIO 106- Princ of Biology II/BIO 116- Princ of Biology II Lab
BIO 108- Forensics Biology/BIO 118- Forensics Biology Lab
BIO 202 Anatomy & Physiology I/BIO 212 Anatomy & Phys I Lab
BIO 204- Anatomy & Physiology II/BIO 214 Anatomy & Phys II Lab
BIO 206- Microbiology/BIO 216- Microbiology Lab
BIO 207- Ecology/BIO 217- Ecology Lab
BIO 208- Genetics AND BIO 218- Genetics Lab
CHM 106 - Introductory Chemistry
CHM 110 – Survey of Organic & Biochemistry
CHM 120 - General Chemistry I
CHM 122 – General Chemistry II
GLG 102/103 Introduction to Geology and Lab
PHY 102 – Concepts of Physics/PHY 103 Concepts of Physics Lab
PHY 110 - Physics (Algebra-Based) I/PHY 111 Physics Lab (Algebra-Based) I
PHY 115- Physics (Algebra-Based) II/PHY 116- Physics Lab (Algebra-Based) II

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
HIS215 History through Film
HIS 220 - The Vietnam War
HIS 250 - World War II through Film

Social Science Track 2 Electives

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
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
PSY 100 - General Psychology
PSY120 Introduction to Educational Psychology
PSY 130 – Human Development Across the Lifespan
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
SOC215 Introduction to Women and Gender Studies

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 Elective

ART 105 – Drawing Fundamentals
ART 110 - Introduction to Painting and Sculpting
ASL 101- American Sign Language I
BUS 225 – Business Ethics
ENG 205 - Research Writing
ENG 215 – Creative Writing
ENG 230 - Survey of American Literature I
ENG 235 - Survey of American Literature I
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
HUM 215 - Introduction to Women and Gender Studies
MUS 200 - Pop American Music in the Twentieth Century
PHI 100 – Critical Thinking
PHI 200 – Introduction to Ethics
REL 200 – Understanding the Bible
SPA 101 – Spanish I
SPA 102 – Spanish II
SPA 203 – Spanish III
THR130 – Acting 1: Introduction to Stage Movement
THR210 Improvisation and Creativity

Please be aware that certain majors may have specific requirements prescribed by external agencies. It is the student's responsibility to collaborate with an advisor and/or transfer counselor to select appropriate courses as they refer to the major. See Transfer Central on myPEAK under Advising for a full list of Transfer Counselors.

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Liberal Arts & Sciences A.A Degree
61/64 Credits

Make the most of your Liberal Arts and Sciences degree by exploring an area of interest.

Students are encouraged to use elective opportunities to explore an area of study which interests them. Completing coursework from an area of interest can assist a student with choosing a future degree or career path and can add additional focus to the Liberal Arts & Sciences degree.

Students who plan to transfer to a four-year institution should consult their transfer institution for guidance regarding maximum transferability of coursework completed at Pennsylvania Highlands. With the careful guidance of an academic advisor, students can tailor their studies to best address their long-term objectives. Please see Transfer Central on myPEAK under Advising for a full list of Transfer Counselors.

Sample areas of interest:

Art and Music
ART 101 - Introduction to Art History
ART 105 - Drawing Fundamentals
ART 110 - Introduction to Painting and Sculpting
MUS 100 - Introduction to Music
MUS 200 - Popular American Music in the Twentieth Century
HIS 205 - American Popular Culture

Biological Sciences
BIO 104 - Principles of Biology I/ BIO 114 Principles of Biology I Lab
BIO 106 - Principles of Biology II/BIO 116 Principles of Biology II Lab
BIO 108 - Forensic Biology/ BIO 118 Forensic Biology Lab
BIO 206 - Microbiology/BIO 216 Microbiology Lab
BIO 207- Ecology/BIO217 Ecology Lab
BIO 208 – Genetics/BIO 218 Genetics Lab

CHM 106 - Introductory Chemistry
CHM 110 - Survey of Organic & Biochemistry
CHM 120 - General Chemistry I
CHM 122 - General Chemistry II
MAT 200 - Probability and Statistics

Film and Theater
FLM 110 - Introduction to American Cinema
HIS 205 - American Popular Culture
HIS 250 - World War II through Film

Philosophy and Religion
PHI 100 -Critical Thinking
PHI 110- Introduction to Philosophy
PHI 200- Introduction to Ethics
PSY 205- Death & Dying

BUS 225- Business Ethics
REL 100- World Religions/Religious Studies
REL 200- Understanding the Bible

Math
MAT 170- Pre-Calculus
MAT 200- Probability & Statistics
MAT 204- Discrete Math
MAT 205- Applied Calculus for Business

MAT 210 – Calculus I
MAT 220 - Calculus II
MAT 230- Calculus III
MAT 240 – Differential Equations

Technology
CIT 132- Local Area Networks
CIT 165- Hardware Components
CIT 173- Windows Enterprise Desktop Op. System
CIT 222- Linux Operating System

Nanotechnology
Students pursuing certification in Nanotechnology will complete this Liberal Arts and Science Degree, and then will enroll in the following courses (18 credits) offered through the Pennsylvania Nanofabrication Manufacturing Technology (NMT) Partnership at Penn State University's Main Campus.

ELT 220 - Material, Safety and Equipment Overview for Nanofabrication
ELT 221 - Basic Nanofabrication Processes
ELT 222 - Materials in Nanotechnology
ELT 223 - Lithography for Nanofabrication
ELT 224 - Materials Modification in Nanofabrication
ELT 225 - Characterization, Testing of Nanofabricated Structures and Materials

The courses listed above are offered in one 15-week semester at Penn State University in State College, PA. Students must plan to attend classes in State College, including room and board.