

George Fox University

# Accelerated Online Degree Programs

2024-25



**GEORGE FOX**  
UNIVERSITY

Be Known

# GEORGE FOX UNIVERSITY

## 2024-2025 Accelerated Online Degree Programs

<b>ACCELERATED ONLINE DEGREE PROGRAMS.....</b>	<b>2</b>
<b>ACCELERATED ONLINE DEGREE PROGRAM ADMISSIONS .....</b>	<b>3</b>
<b>PROGRAM REQUIREMENTS AND ALTERNATIVE CREDIT .....</b>	<b>5</b>
ACCELERATED ONLINE DEGREE PROGRAM.....	6
<i>General Education Requirements</i> .....	8
<i>Bachelors (BS) in Cybersecurity Management</i> .....	9
<i>Bachelors (BS) in Data Analytics</i> .....	11
<i>Bachelors (BA) in Healthcare Administration</i> .....	13
<i>Healthcare Administration Minor</i> .....	15
<i>Bachelors (BA) in Management and Organizational Leadership</i> .....	16
<i>Management and Organizational Leadership Minor</i> .....	18
<i>Bachelors (BS) in Project Management</i> .....	19
<i>Project Management Minor</i> .....	21
<i>Bachelors (BA) in Psychology &amp; Mental Health Studies</i> .....	22
<i>Certificate in Basic Chaplaincy</i> .....	24
<i>Certificate in Behavioral Health</i> .....	26
<i>Certificate in Christian Ministries</i> .....	28
<i>Certificate in Conflict Resolution</i> .....	30
<i>Certificate in Cybersecurity</i> .....	32
<i>Certificate in Data Analytics</i> .....	33
<i>Certificate in Health &amp; Society</i> .....	34
<i>Certificate in Mission Advancement</i> .....	35
<i>Certificate in Project Management</i> .....	36
<i>Certificate in STEM Foundations</i> .....	38
<i>Certificate in Writing &amp; Communication</i> .....	39
<i>Certificate in Worldview &amp; Culture</i> .....	40
<i>Microcertificate in Career Readiness</i> .....	41
<i>Microcertificate in Data Management</i> .....	42
<i>Microcertificate in Healthcare Administration</i> .....	43
DEGREE COMPLETION EDUCATION (ELED).....	44
<i>Bachelor of Science (BS) in Education</i> .....	45
ALTERNATIVE CREDIT.....	49
CREDIT FOR PRIOR LEARNING .....	51
<b>ACCELERATED ONLINE DEGREE COURSE DESCRIPTIONS.....</b>	<b>52</b>

### Notes about use of catalogs

These catalogs are provided for guidance in course selection and program planning. While every effort is made to ensure the accuracy of the information in this catalog, in no sense is it to be considered a binding contract, and it may be changed by action of appropriate bodies within the university. Courses listed in these catalogs are subject to change through normal academic process. New courses and changes in existing course work are initiated by the appropriate school, department, or program, and approved by the Office of Academic Affairs and the university faculty. Changes to the curriculum are published on this website and in the schedule of classes.

# Accelerated Online Degree Programs

George Fox University's accelerated online degree programs seek to fulfill the university's mission by providing students with accessible, high-quality educational programs that enhance professional skills and foster intellectual and spiritual growth.

The university chooses to fulfill this mission through the following degree completion programs:

Accelerated Online Degree Programs

Degree Completion Education Program

## More Accelerated Online Degree Resources

- Admissions
- Requirements and Alternative Credit
- Course Descriptions
- General Education Requirements

# Accelerated Online Degree Program Admissions

## Basis of Undergraduate Admission (Accelerated Online Degree Programs)

**The university admits applicants** who evidence academic interests and ability, moral character, social concern, and who would most likely profit from the curriculum and Christian philosophy of George Fox University. These qualities are evaluated by consideration of each applicant's academic record, test scores, recommendations, writing sample, and in some cases an interview. Applicants with a criminal record will be required to submit additional official paperwork.

George Fox University does not discriminate against students on the basis of race, color, national or ethnic origin, gender, age, disability, or any other status to the extent prohibited under applicable nondiscrimination law in the administration of its admission policies, scholarship and loan programs, educational programs, athletics programs, co-curricular activities, or other university-administered programs.

## Admission Procedures and Policies for Accelerated Online Degree Programs and Degree Completion Education

### Procedures

Applicants to general education coursework generally require a minimum of 20 semester hours of transferable college credit from accredited institutions or approved military education. Applicants to major coursework generally require a minimum of 62 semester hours of transferable college credit.

Applicants seeking admission to an Accelerated Online Degree Program or Degree Completion Education major must complete the following to be considered for admission to the program:

- Accelerated Online Degree application form and application fee.
- Submit one official transcript from each college/university attended. An applicant may also be asked to furnish a high school transcript.
- Two references (forms provided in the application materials).

A student must be free from academic or behavioral probation or suspension at all colleges previously attended to be eligible for admission to George Fox University. Soon after the admission file is completed, the applicant is notified of the Admissions Committee's decision.

If applying for financial aid, a Free Application for Federal Student Aid (FAFSA) must be submitted online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov) as soon after Jan. 1 as possible. The George Fox University code for FAFSA is 003194. Forms may be obtained from your current college financial aid office or by writing to Student Financial Services at George Fox University.

After students have been accepted for admission, they are considered for financial assistance. To permit maximum consideration for financial aid, it is recommended that the application process be completed by March 1.

## **Transfer Credit**

Students who have completed work at other educational institutions may be entitled to transfer credit by presenting official transcripts. George Fox University applies the accepted credits toward the general education requirements and electives. Certain criteria are involved in the evaluation:

1. Only course work with a C- or better grade will be accepted. (The GPA does not transfer. A student's GPA is computed on work at George Fox University only.)
2. The Associate of Arts Oregon Transfer Degree (AAOT), Associate of Science Oregon Transfer Degree - Business (ASOTB), Direct Transfer Agreement - Associates Degree (DTA) from Washington, or any Associate of Arts degree from California that includes either the IGETC certificate or the CSU General Education - Breadth requirements will satisfy all general education requirements. (A transfer degree may not necessarily meet school, department, or major requirements with regard to courses or GPA.)

Transfer credit will be evaluated and assigned a George Fox University course number based on the closest match between the originating course and the George Fox University course descriptions.

Any evaluation of transfer credit is to be considered tentative until the student has completed 12 hours in good standing.

Any veteran receiving GI Bill® benefits while attending George Fox University is required to obtain transcripts from all previously attended schools and military transcript and submit them to the VA School Official for review of prior credit.

## **Residence Requirements**

Each student must complete the minimum number of semester hours required for their major through George Fox coursework for the bachelor's degree. Additionally, transfer students must complete at least 60 hours at George Fox University to be eligible for honors at graduation.

*GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at <https://www.benefits.va.gov/gibill>.*

# Program Requirements and Alternative Credit

In addition to course work in a major, degree completion programs at George Fox University include general education coursework as well as the opportunity to gain credit through prior learning, licensure, and other alternative credit means.

Accelerated Online Degree Programs

Education

Alternative Credit

Credit for Prior Learning

# Accelerated Online Degree Program

The Accelerated Online Degree Program at George Fox University offers six majors, three minors, twelve certificate, and three microcertificate programs to adult students who are returning to college to complete their undergraduate degree.

The majors are unique alternatives to the traditional method of pursuing a college degree. Courses are designed to meet the needs and learning styles of working adults. Classes are online, with synchronous and asynchronous options.

Students study with other adults who share similar interests and concerns. Together they form an academic learning community, drawing from their own personal, professional, and technical backgrounds as they follow an intense program of classes and individual study.

Students who successfully complete the courses of their major program and the accompanying degree requirements such as general education and prerequisites are granted either a bachelor of science degree in cybersecurity management (CYBR), data analytics (DATA), or project management (MPJM), or a bachelor of arts degree in psychology & mental health studies (PMHS), management and organizational leadership (MGOL), or healthcare administration (MGHA).

Through these areas of study, Accelerated Online Degree Programs serve the needs of adult learners and helps them assess personal values, develop interpersonal skills, and enhance competencies in order to better contribute to the organizations and individuals they seek to serve.

## Majors and Minors

- BS - Cybersecurity Management (Major)
- BS - Data Analytics (Major)
- BA - Healthcare Administration (Major and Minor)
- BA - Management and Organizational Leadership (Major and Minor)
- BS - Project Management (Major and Minor)
- BA - Psychology & Mental Health Studies (Major)

Other accelerated online degree programs offered at George Fox include Education.

## Certificate Programs

- Certificate in Basic Chaplaincy
- Certificate in Behavioral Health
- Certificate in Christian Ministries
- Certificate in Conflict Resolution
- Certificate in Cybersecurity
- Certificate in Data Analytics
- Certificate in Health & Society
- Certificate in Mission Advancement
- Certificate in Project Management
- Certificate in STEM Foundations
- Certificate in Worldview & Culture

- Certificate in Writing & Communication

## **Microcertificate Programs**

- Microcertificate in Career Readiness
- Microcertificate in Data Management
- Microcertificate in Healthcare Administration



# General Education Requirements

## Overview

These requirements are only for students enrolled in the Accelerated Online Degree Programs and Degree Completion Education Program. For traditional undergraduate students, please see the general education requirements posted in that section of the catalog.

Most students will complete all, or nearly all, of the below requirements prior to enrolling in the major cohort classes. Students will take 36 credits across academic disciplines (12 courses) to complete this general education requirement.

**All requirements are expressed in semester credits.**

## General Education Requirements

Complete the following (12 courses)

For students in the Adult Degree Program, LACC 207 is met by Worldview & Identity, which is taken in residence as part of all Adult Degree majors.

For students in the Education: Elementary Track major, LACC 270 is met by MATH 211 & 212.

LACC 202 College & Professional Writing 3 credit hours

LACC 207 Faith & Worldview 3 credit hours

LACC 208 Intercultural Communication 3 credit hours

LACC 218 World Literature 3 credit hours

LACC 221 U.S. History 3 credit hours

LACC 230 World of Art 3 credit hours

LACC 240 Technology & Media 3 credit hours

LACC 242 Foundations of Psychology 3 credit hours

LACC 243 Foundations of Sociology 3 credit hours

LACC 250 Health & Stress Management 3 credit hours

LACC 270 Foundations of Math 3 credit hours

LACC 274 Earth Science 3 credit hours

# Bachelors (BS) in Cybersecurity Management

## Overview

The cybersecurity management major offers a 36-semester-hour course of study that provides learners with technical and analytical skills necessary for information security and cybersecurity professionals in all industries. The curriculum provides students with a comprehensive foundation in computer systems, networks and cloud computing, identification of cyber threats, examination of legal and ethical concerns, as well as skill development in risk analysis, planning, and implementing an information security program. Students will develop the skills to communicate and interact effectively with administrators, external auditors, and all levels of employees. This degree also prepares learners for graduate studies in cybersecurity.

## Degree Outcomes

- Analyze a broadly defined security problem and apply principles of cybersecurity to the design and implementation of solutions.
- Apply security principles and practices to maintain operations in the presence of risks and threats.
- Utilize tools and analytical methods necessary to identify risks and vulnerabilities to systems.
- Effectively communicate information security needs and potential threats to technical and nontechnical audiences at all levels of the organization.
- Examine emerging information security risks and plan methods to protect the organization's systems and networks.
- Monitor and assess system vulnerabilities for security risks and propose and implement risk mitigation strategies.
- Investigate and respond to security alerts and incidents through risk analysis and forensic evaluations.
- Explain the industry and regulatory environment that impacts systems and networks.
- Recognize professional responsibilities and make informed judgments in cybersecurity practice based on legal and ethical principles.
- Function effectively as a member of a team engaged in cybersecurity activities.

## Course Requirements

Students are required to obtain a minimum grade of C- in all courses taken for the major.

# Major Requirements

## Information Security Core (27 credit hours)

### Complete the following:

CYBR 400 Fundamentals of Information Security 3 credit hours  
CYBR 407 Worldview & Identity 3 credit hours  
CYBR 410 IT Foundations for Information Security 3 credit hours  
CYBR 413 Legal & Ethical Issues in Information Security 3 credit hours  
CYBR 420 Data & Information Management 3 credit hours  
CYBR 430 Scripting & Programming for Cybersecurity 3 credit hours  
CYBR 440 Network Security 3 credit hours  
CYBR 450 Managing Information Security 3 credit hours  
CYBR 460 Cloud Computing & Virtualization 3 credit hours

## Cybersecurity (9 credit hours)

### Complete the following:

CYBR 470 Digital Forensics in Cybersecurity 3 credit hours  
CYBR 480 Cyber Defense & Countermeasures 3 credit hours  
CYBR 490 Cybersecurity Capstone 3 credit hours

# Bachelors (BS) in Data Analytics

## Overview

The data analytics major offers a 36-semester-hour course of study that provides learners with technical and analytical skills necessary for data analytics professionals in all industries. The curriculum provides students with a comprehensive foundation in computer information systems, data governance, data modeling, and analysis tools, as well as data visualization tools and techniques for presenting data to multiple audiences. Students will develop the skills to communicate and interact effectively with administrators, stakeholders, and business units. This degree also prepares learners for graduate studies in data analytics and data science.

## Degree Outcomes

- Articulate characteristics of commonly used applications and technology infrastructure that support the business environment.
- Conduct a business needs assessment and workflow analysis.
- Identify sources of data or information.
- Develop data collection techniques including extraction, exploration, cleansing, mapping, and validation of data.
- Complete data analysis including querying, determining, and applying the appropriate statistical methodologies, observing changes and variations in data and visualizing data for analysis.
- Conduct data interpretation and reporting, including creating visualizations and communication to stakeholders.
- Explain how personal and professional biases can inhibit data stories.
- Ensure data governance principles are followed, including security policies.
- Develop process models, diagrams, charts, and reports to clarify business processes and identify issues.
- Design and develop reporting tools and dashboards.
- Demonstrate effective use of data project methodologies.

## Course Requirements

Students are required to obtain a minimum grade of C- in all courses taken for the major.

## Major Requirements

### Data Analytics Core (24 credit hours)

**Complete the following:**

DATA 400 Data Structures & Relational Databases 3 credit hours

DATA 407 Worldview & Identity 3 credit hours

DATA 410 Programming for Data Analysis 3 credit hours

DATA 420 Data Governance & Management 3 credit hours

DATA 424 Statistical Data Analysis 3 credit hours  
DATA 430 Managing Data Projects 3 credit hours  
DATA 440 Information System Analysis & Design 3 credit hours  
DATA 450 Data Literacy 3 credit hours

### **Data Analytics (12 credit hours)**

**Complete the following:**

DATA 460 Decision Support Systems 3 credit hours  
DATA 470 Data Modeling 3 credit hours  
DATA 480 Data Visualization & Communication 3 credit hours  
DATA 490 Data Analytics Capstone 3 credit hours

# Bachelors (BA) in Healthcare Administration

## Overview

The healthcare administration major offers a 36-semester-hour course of study that provides learners with the administrative and managerial skills necessary for professional careers in hospitals, clinics, long-term and short-term healthcare facilities, doctors' offices, and health departments. It is an interdisciplinary curriculum that gives you a comprehensive foundation in healthcare payer and provider issues, healthcare EHR systems, sociological and political influences, and examining legal and ethical concerns. You will develop the skills to communicate and interact effectively with physicians, administrators, patients, and families. This degree also prepares learners for graduate studies in a non-clinical field of healthcare and business administration.

## Degree Outcomes

- Effectively manage organizational change and promote organizational and clinical excellence.
- Manage health services organizations under alternative financing mechanisms.
- Utilize the management tools, analytical methods, and research skills necessary to identify organizational problems and to formulate solutions for those problems.
- Analyze and appraise healthcare law and policy to assist in effective decision making and clinical management.
- Develop leadership skills to improve both business and clinical outcomes of health services organizations.
- Discover and evaluate how their understanding of ethics and Christian values informs decision making and impacts their management practices in an organizational context.

## Course Requirements

Students are required to obtain a minimum grade of C- in all courses taken for the major.

## Major Requirements

### Management Core (15 credit hours)

**Complete the following:**

MGHA 401 Organizational Behavior 3 credit hours  
MGHA 403 Organization Theory and Design 3 credit hours  
MGHA 404 Leadership Communication 3 credit hours  
MGHA 407 Worldview & Identity 3 credit hours  
MGHA 450 Strategic Management 3 credit hours

## **Healthcare Administration Coursework (21 credit hours)**

### **Complete the following:**

MGHA 475 is optional and not required for Healthcare Administration majors.

MGHA 413 Healthcare Ethics 3 credit hours

MGHA 414 Healthcare Finance 3 credit hours

MGHA 427 Introduction to Healthcare Services 3 credit hours

MGHA 430 Legal Aspects of Health Services 3 credit hours

MGHA 432 Integrated Healthcare Systems 3 credit hours

MGHA 433 Leadership for Healthcare Professionals 3 credit hours

MGHA 436 Current Topics in Healthcare Administration 3 credit hours

MGHA 475 Field Experience 1-9 credit hour

# Healthcare Administration Minor

## Course Requirements

Students are required to obtain a minimum grade of C- in all courses taken for the minor.

## Minor Requirements

### Healthcare Administration Minor Requirements (18 credit hours)

**Complete the following:**

MGHA 414 Healthcare Finance 3 credit hours

MGHA 427 Introduction to Healthcare Services 3 credit hours

MGHA 430 Legal Aspects of Health Services 3 credit hours

MGHA 432 Integrated Healthcare Systems 3 credit hours

MGHA 433 Leadership for Healthcare Professionals 3 credit hours

MGHA 436 Current Topics in Healthcare Administration 3 credit hours



# Bachelors (BA) in Management and Organizational Leadership

## Overview

The management and organizational leadership major offers a 36-semester-hour course of study that is designed for working professionals. This program blends management and leadership theories and practices with practical application, case evaluation, and student experiences to create a relevant and practical learning environment.

## Degree Outcomes

- Function as a manager or leader who engages with others in a manner that displays character and ethical reasoning, and a manager or leader who engages in professional growth and confidently supports the learning and growth of others.
- Support an organization through effective engagement in a variety of roles, understanding how individual differences and cultural norms contribute to organizational differences and inform teamwork and communication.
- Apply critical thinking to decision making in order to identify organizational problems, evaluate appropriate data to determine a course of action, and formulate a legal, ethical, and values-driven response.
- Examine an organization's alignment with its purpose, values, and strategic plans; recognize when nuances in organizational functioning trigger a need for organizational change; plan and lead change initiatives.
- Utilize operational planning and management approaches to meet organizational needs.
- Know how their ethical position and values inform their leadership and management practices, including effective leadership communication skills.

## Course Requirements

Students are required to obtain a minimum grade of C- in all courses taken for the major.

## Major Requirements

### Management Core (21 credit hours)

**Complete the following:**

MGOL 401 Organizational Behavior 3 credit hours  
MGOL 403 Organizational Theory 3 credit hours  
MGOL 404 Organizational Communication 3 credit hours  
MGOL 407 Worldview & Identity 3 credit hours  
MGOL 410 Financial Decision Making 3 credit hours  
MGOL 413 Law & Ethics in the Workplace 3 credit hours

MGOL 450 Innovation & Strategy 3 credit hours

## **Mgmt and Org Leadership Coursework (15 credit hours)**

### **Complete the following:**

MGOL 475 is optional and not required for Management and Organizational Leadership majors.

MGOL 412 Research-Informed Decision Making 3 credit hours

MGOL 415 Data-Informed Decision Making 3 credit hours

MGOL 431 Operations Management 3 credit hours

MGOL 440 Human Resource Management 3 credit hours

MGOL 442 Organizational Dynamics 3 credit hours

MGOL 475 Field Experience 1-9 credit hour

# Management and Organizational Leadership Minor

## Course Requirements

Students are required to obtain a minimum grade of C- in all courses taken for the minor.

## Minor Requirements

### Mgmt and Org Leadership Minor Requirements (21 credit hours)

**Complete the following:**

MGOL 403 Organizational Theory 3 credit hours  
MGOL 410 Financial Decision Making 3 credit hours  
MGOL 412 Research-Informed Decision Making 3 credit hours  
MGOL 415 Data-Informed Decision Making 3 credit hours  
MGOL 431 Operations Management 3 credit hours  
MGOL 440 Human Resource Management 3 credit hours  
MGOL 442 Organizational Dynamics 3 credit hours

### **PMHS Majors only (replaces MGOL 412)**

PMHS 424 Research Methods & Statistics 3 credit hours

# Bachelors (BS) in Project Management

## Overview

The Project Management program is a 36-semester hour program designed to guide students in becoming effective project managers, equipped with the knowledge, tools, and skills to deliver successful projects in today's fast-paced business environment. The course of study blends the tools and techniques advocated by the Project Management Institute (PMI) into a solid study of the theories, techniques, and approaches used by successful managers and leaders. Students who complete the program will be positioned academically to further their project management careers and to continue on to PMI certification, a commonly requested requirement of hiring managers.

## Degree Outcomes

- Function as self-directed learners who engage in continuous professional growth through the application of experiential learning principles and practices while also supporting the learning and growth of others.
- Demonstrate an understanding of management and leadership functions, theories and models, describe their own professional philosophy, and serve effectively as a team leader and team member.
- Apply appropriate project management methods, and demonstrate the ethical, technical, and behavioral competencies necessary for the successful management of projects to affect organizational performance through the delivery of strategic and operational goals.
- Utilize the management tools, analytical methods, and research skills necessary to identify organizational problems and formulate solutions to those problems.
- Apply the principles of organizational environment, design, systems, and change to facilitate improvements in operations and strategy.
- Exhibit effective leadership communication skills and an understanding of organizational communication strategies and methods.
- Describe how their understanding of ethics and Christian values informs their project management, leadership, and management practices in an organizational context.

## Course Requirements

Students are required to obtain a minimum grade of C- in all courses taken for the major.

## Major Requirements

### Management Core (15 credit hours)

**Complete the following:**

MPJM 401 Organizational Behavior 3 credit hours

MPJM 403 Organization Theory and Design 3 credit hours

MPJM 407 Worldview & Identity 3 credit hours  
MPJM 410 Financial Decision Making 3 credit hours  
MPJM 431 Operations Management 3 credit hours

## **Project Management Coursework (21 credit hours)**

### **Complete the following:**

MPJM 475 is optional and not required for Project Management majors.  
MPJM 412 Predictive Project Management Methodologies 3 credit hours  
MPJM 418 Introduction to Project Management 3 credit hours  
MPJM 419 Adaptive Project Management Methodologies 3 credit hours  
MPJM 424 Project Risk Management 3 credit hours  
MPJM 441 Managing Project Communication & Change 3 credit hours  
MPJM 442 Project Leadership 3 credit hours  
MPJM 450 Applied Project Management 3 credit hours  
MPJM 475 Field Experience 1-9 credit hour

# **Project Management Minor**

## **Course Requirements**

Students are required to obtain a minimum grade of C- in all courses taken for the minor.

## **Minor Requirements**

### **Project Management Minor Requirements (18 credit hours)**

**Complete the following:**

MPJM 412 Predictive Project Management Methodologies 3 credit hours

MPJM 418 Introduction to Project Management 3 credit hours

MPJM 419 Adaptive Project Management Methodologies 3 credit hours

MPJM 424 Project Risk Management 3 credit hours

MPJM 441 Managing Project Communication & Change 3 credit hours

MPJM 442 Project Leadership 3 credit hours

# Bachelors (BA) in Psychology & Mental Health Studies

## Overview

The Psychology & Mental Health Studies program provides learners with knowledge, skills, and abilities to pursue opportunities in these fields of study. Graduates of this program work in a variety of helping professions as well as enter into graduate programs of study in psychology, counseling, school psychology, and education.

## Degree Outcomes

- Learn social science frameworks for interpreting the patterns and dynamics that operate in groups and families.
- Gain an appreciation for cultural and individual variety and uniqueness in how groups and families develop their patterns of interaction.
- Identify theories, concepts, contextual variables, etc., which contribute to effective communication and demonstrate a growing sensitivity to cultural variables.
- Articulate the diversity of contributions to the contemporary fields of psychology regarding theories and principles of psychology, particularly with respect to their historical foundations and cultural backgrounds.
- Explore the historical and contemporary pioneers responsible for a diverse approach to understanding human behavior and mental health.
- Explore personal and professional ethics in the helping professions. Students will examine and develop systems for making ethical decisions.
- Demonstrate an understanding of the biosocial, psychosocial, cognitive, and emotional development of infants, children, adolescents, and adults.
- Examine and explore quantitative and qualitative research methods.
- Provide an introduction to the types, nature, and causes of major behavioral disorders.
- Articulate an understanding of physical health problems, psychological effects, social effects, and make recommendations about addiction education, as well as outpatient and inpatient treatment.
- Discuss how faith influences one's worldview, the influence of Christianity upon society, and how the Christian faith relates to helping people.
- Develop the student's understanding of the historical and modern accomplishments of cognitive psychology, the many aspects of memory, and the development and application of the study of language.
- Provide an overview and analysis of the concepts of acute stress, trauma, and how to cope with stress and trauma.
- Prepare for graduate programs in psychology, counseling, school psychology, social work, and education.

## Course Requirements

Students are required to obtain a minimum grade of C- in all courses taken for the major.

# Major Requirements

## Psychology & Mental Health Studies Coursework (36 credit hours)

### Complete the following:

PMHS 407 Worldview & Identity 3 credit hours  
PMHS 419 Child & Adolescent Development 3 credit hours  
PMHS 420 Adult Development & Aging 3 credit hours  
PMHS 421 Family & Group Dynamics 3 credit hours  
PMHS 424 Research Methods & Statistics 3 credit hours  
PMHS 427 Abnormal Psychology 3 credit hours  
PMHS 428 Interpersonal Communications 3 credit hours  
PMHS 432 Personal & Professional Ethics 3 credit hours  
PMHS 433 Addiction Disorders 3 credit hours  
PMHS 434 History, Culture, & Theories of Psychology 3 credit hours  
PMHS 436 Cognition, Memory, & Language 3 credit hours  
PMHS 437 Trauma & Coping 3 credit hours  
PMHS 475 Field Experience 1-9 credit hour



# Certificate in Basic Chaplaincy

## Overview

The Certificate in Basic Chaplaincy offers students an introduction to the fundamentals of what it means to be a chaplain, as well as the varied roles and levels of trained chaplaincy work. Students will explore effective ways to communicate with people of varied spiritual, cultural, and socio-economic backgrounds, and complete a supervised Field Experience in a current chaplaincy setting.

## Student Learning Outcomes

Upon successful completion of this certificate, students will be equipped to:

1. Articulate the essential duties of chaplain as provider, facilitator, caregiver, and advisor.
2. Discuss new insights into chaplaincy concepts, theories, and methods.
3. Identify causes of stress and how they impact the body psychologically, physiologically, and spiritually.
4. Evaluate cultural and gender implications of stress.
5. Articulate the physical, psychological, spiritual, and cultural impacts of grief and loss.
6. Actively reflect on the holistic approach to helping those impacted by grief and loss.
7. Discuss an individual sense of identity in Jesus Christ, active engagement with the Holy Spirit, and a sense of purpose in God's greater plan.
8. Communicate effectively and empathetically with people from a variety of spiritual and cultural worldviews, particularly in the practice of discipling others.

## Admission Requirements

An online application must be submitted and accepted before a student begins their first course. All courses in the Basic Chaplaincy Certificate must be completed or approved through the Accelerated Online Degree Program.

## Transfer Credit

Transfer credit may be considered on a case-by-case basis after an application has been submitted.

## Certificate Requirements

### Certificate in Basic Chaplaincy (18 credit hours)

#### Complete the following:

Not all courses are offered every year. The certificate is successfully finished when all certificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

Students must complete 6 credits of MGOL 275: Field Experience.

LACC 234 Introduction to Chaplaincy 3 credit hours

LACC 236 Grief & Loss 3 credit hours

LACC 237 Spiritual Formation & Discipleship 3 credit hours

LACC 250 Health & Stress Management 3 credit hours

MGOL 275 Field Experience 1-9 credit hour

# Certificate in Behavioral Health

## Overview

The Certificate in Behavioral Health from George Fox University provides students with coursework designed to demonstrate specialized knowledge in the study of human behavior and health outcomes. This certificate is designed for any Adult Degree student who wants to pursue advanced learning in these areas, add an emphasis to their existing major of study, highlight a specialization in their current or future occupation, or demonstrate higher level learning in these areas to graduate schools.

## Student Learning Outcomes

**At the completion of this certificate program, students will be equipped to:**

- Demonstrate knowledge of key components of psychology to include the following: psychological theories, the scientific method, structures and functions of the brain, sensation, perception, learning, memory, emotion, and motivation.
- Evaluate how gender, culture, ethnicity, and ethics relate to the understanding of human behavior.
- Identify and articulate key concepts of social psychology to include the impact of influence, stereotypes, prejudices, attitudes, culture, and social awareness.
- Assess ethical decision-making and morality in social psychology.
- Discuss causes of stress and how they impact the body psychologically, physiologically, and spiritually.
- Articulate cultural and gender implications of stress.
- Analyze stress reduction techniques and ways to improve work/life balance.
- Examine the major theories of personality development and concepts to include environmental influences, self-awareness, and empathy.

## Admission Requirements

An online application must be submitted and accepted before a student begins their first certificate course. All courses in the Behavioral Health Certificate program must be completed and approved through the Adult Degree Program.

## Transfer Credit

Transfer credit may be considered on a case-by-case basis after an application has been submitted.

# Certificate Requirements

## Certificate in Behavioral Health (12 credit hours)

### Complete the following:

Not all courses are offered every year. The certificate is successfully finished when all certificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

LACC 241 Personality Theory in Everyday Life 3 credit hours

LACC 242 Foundations of Psychology 3 credit hours

LACC 250 Health & Stress Management 3 credit hours

LACC 251 Social & Ethical Psychology 3 credit hours

# Certificate in Christian Ministries

## Overview

The Certificate in Christian Ministries offers students an opportunity to explore concepts of mission, calling, spiritual formation, discipleship, and leadership alongside a study of both Old Testament and New Testament narratives. Christian Ministries Certificate students will emerge with an excellent foundation for continued personal study, volunteer ministry work, discipleship at home and in the community, and continued studies at the graduate level.

## Student Learning Outcomes

Upon successful completion of this certificate, students will be equipped to:

1. Explain the importance of mission, both personal and corporate, as well as the danger of mission drift.
2. Articulate what it means to pursue a deepening relationship with God and a transformational spiritual walk.
3. Discuss C. S. Lewis' impact on today's Protestant church.
4. Explain the historical, religious, cultural, and social elements that form the context of the stories and how a unique relationship of the Hebrew people with Yahweh developed.
5. Examine the teachings of Christ in a manner that engages the heart and the mind to promote spiritual growth.
6. Explain the leadership example Jesus Christ provided in his years of ministry as described in the New Testament.

## Admission Requirements

An online application must be submitted and accepted before a student begins his or her first course. All courses in the Christian Ministries Certificate must be completed or approved through the Accelerated Online Degree Program.

## Transfer Credit

Transfer credit may be considered on a case-by-case basis after an application has been submitted.

## Certificate Requirements

### Certificate in Christian Ministries (18 credit hours)

#### Complete the following:

Not all courses are offered every year. The certificate is successfully finished when all certificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

Students must choose LACC 285: Portraits of Jesus of Nazareth

LACC 222 Writings of C.S. Lewis 3 credit hours

LACC 224 Narratives of the Old Testament 3 credit hours

LACC 226 Jesus & Leadership 3 credit hours

LACC 233 Mission & Calling 3 credit hours

LACC 237 Spiritual Formation & Discipleship 3 credit hours

LACC 285 Selected Topics 3 credit hours

# Certificate in Conflict Resolution

## Overview

The Certificate in Conflict Resolution provides a global study of communication, culture, ways of thinking, and human behavior, particularly in situations when two or more parties may disagree. Students will consider negotiation strategies and practice basic steps and methodologies of conflict resolution, as well as embrace an awareness of other people, places, times, and cultures.

## Student Learning Outcomes

Upon successful completion of this certificate, students will be equipped to:

1. Describe the history of conflict resolution as a field of study from its global origins to where it is today.
2. Identify key aspects of dialogue and communication techniques used in conjunction with conflict resolution methods.
3. Explain how culture shapes human perception, identity, communication and conflict styles, behaviors, and ways of thinking.
4. Research, observe, and analyze intercultural communication in everyday life, popular media, and other mediated discourse.
5. Report on the impact of cultural change as it relates to family, kinship, and community.
6. Apply understanding of underlying similarities and variabilities of human cultures in a current context.

## Admission Requirements

An online application must be submitted and accepted before a student begins their first course. All courses in the Conflict Resolution Certificate must be completed or approved through the Accelerated Online Degree Program.

## Transfer Credit

Transfer credit may be considered on a case-by-case basis after an application has been submitted.

## Certificate Requirements

### Certificate in Conflict Resolution (9 credit hours)

#### Complete the following:

Not all courses are offered every year. The certificate is successfully finished when all certificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

LACC 208 Intercultural Communication 3 credit hours  
LACC 210 Conflict Resolution Strategies 3 credit hours  
LACC 252 Culture, Kin, & Community 3 credit hours



# Certificate in Cybersecurity

## Overview

The Certificate in Cybersecurity offers students the opportunity to explore concepts of information security principles, access controls, network security, and security operations as a way to start a career in cybersecurity. Cybersecurity Certificate students will be prepared for entry level professional certifications in the field of cybersecurity.

## Student Learning Outcomes

Upon successful completion of this certificate, students will be equipped to:

- Explain fundamental cybersecurity principles.
- Articulate the importance of information governance policies, procedures, regulations, and laws.
- Examine the incident response and mitigation process including business continuity, disaster recovery, and incident response concepts.
- Describe physical and logical access controls.
- Summarize network security concepts and threats and attacks.
- Discuss best practices for creating cybersecurity policies, performing risk assessments, and security incident response handling.

## Admission Requirements

All courses in the Cybersecurity Certificate must be completed and approved through the Accelerated Online Degree Program.

## Transfer Credit

Transfer credit may be considered on a case-by-case basis after an application has been submitted.

## Certificate Requirements

### Certificate in Cybersecurity (12 credit hours)

#### Complete the following:

Not all courses are offered every year. The certificate is successfully finished when all certificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

CYBR 200 Introduction to Cybersecurity Principles 3 hours

CYBR 240 Network Security and Access Controls 3 hours

CYBR 244 Incident Response 3 hours

CYBR 250 Cybersecurity Operations 3 hours

# Certificate in Data Analytics

## Overview

The Certificate in Data Analytics offers students the opportunity to explore concepts of data and statistical analysis through project-based curriculum. Certificate students will be prepared for advanced data analysis academic programs at the undergraduate and graduate level.

## Student Learning Outcomes

Upon successful completion of this certificate, students will be equipped to:

- Use data analysis tools such as SAS or Python.
- Develop and test hypotheses about data.
- Apply the appropriate statistical test to specific data and questions.
- Use basic statistical principles to answer questions developed.
- Apply, test, and interpret machine learning algorithms to address research questions.
- Produce professional reports representing data analysis.
- Effectively communicate data and statistical findings.

## Admission Requirements

All courses in the Data Analytics Certificate must be completed and approved through the Accelerated Online Degree Program.

## Transfer Credit

Transfer credit may be considered on a case-by-case basis after an application has been submitted.

## Certificate Requirements

### Certificate in Data Analytics (12 credit hours)

**Complete the following:**

Not all courses are offered every year. The certificate is successfully finished when all certificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

DATA 210 Introduction to Applied Data Analytics 3 hours

DATA 224 Data Analysis Tools 3 hours

DATA 260 Machine Learning for Data Analysis 3 hours

DATA 280 Data Analysis and Interpretation 3 hours

# Certificate in Health & Society

## Overview

The Certificate in Health & Society explores the study of human behavior through a scientific and sociocultural lens, including an introduction to the history and major theories of psychology, sociology, and stress management. Students will also consider gender, culture, and ethnicity as related to human behavior, perceptions, and emotions.

## Student Learning Outcomes

Upon successful completion of this certificate, students will be equipped to:

- Demonstrate the knowledge of the key foundation concepts of psychology to include the following: sensation, perception, learning, memory, emotion, and motivation.
- Analyze how gender, culture, and ethnicity relate to our understanding of human behavior.
- Develop a sociological imagination in order to articulate the relationship of individuals and society.
- Critically assess the social forces that influence individuals, groups, and organizations.
- Demonstrate an understanding of the health benefits associated with physical activity, healthy eating, sleep, and stress reduction techniques.
- Evaluate personal lifestyle behaviors and set SMART goals to improve health and well-being.

## Admission Requirements

An online application must be submitted and accepted before a student begins their first course. All courses in the certificate must be completed or approved through ADP. Transfer credits are not permitted for this certificate.

## Certificate Requirements

### Certificate in Health & Society (9 credit hours)

#### Complete the following:

The certificate is successfully finished when all certificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

LACC 242 Foundations of Psychology 3 credit hours

LACC 243 Foundations of Sociology 3 credit hours

LACC 250 Health & Stress Management 3 credit hours

# Certificate in Mission Advancement

## Overview

The Certificate in Mission Advancement offers students an opportunity to explore concepts of identity, worldview, mission, calling, and mentorship in a university learning environment. In a 21st-century world where mission drift is increasingly the norm, how can we ensure we are holding firm to the values that undergird who we are, whether as individuals or as organizations?

## Student Learning Outcomes

Upon successful completion of this certificate program, students will be equipped to:

1. Investigate the mentoring process and its application in the professional and community environments.
2. Understand and apply the key principles of effective mentoring to their setting.
3. Explain the importance of mission, both personal and corporate, as well as the danger of mission drift.
4. Communicate an individual calling, both vocational and personal.
5. Analyze and compare the worldviews that influence one's understanding of faith, ethics, justice, and philosophy of work.
6. Construct, articulate, and define a personal worldview that responds to and gives meaning to the ultimate questions of life.

## Admission Requirements

An online application must be submitted and accepted before a student begins their first course. All courses in the Mission Advancement Certificate must be completed or approved through the Accelerated Online Degree Program.

## Transfer Credit

Transfer credit may be considered on a case-by-case basis after an application has been submitted.

## Certificate Requirements

### Certificate in Mission Advancement (9 credit hours)

#### Complete the following:

Not all courses are offered every year. The certificate is successfully finished when all certificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

LACC 207 Faith & Worldview 3 credit hours

LACC 233 Mission & Calling 3 credit hours

LACC 246 Mentoring in the Workplace & Community 3 credit hours

# Certificate in Project Management

## Overview

The Certificate in Project Management from George Fox University is designed for high school graduates who want to learn the basics of project management. The four courses are based on the internationally-recognized Project Management Institute's PM Standards and Project Management Body of Knowledge (PMBOK), which was recently updated to v7. This program is a perfect fit for those who want to add project management skills to their resume or current course of study. The program is offered online for convenience, and facilitated by engaged, experienced instructors who teach in our degree programs.

## Student Learning Outcomes

Upon successful completion of this certificate, students will be equipped to:

1. Utilize PMI Standards and the PMBOK to inform all aspects of project management.
2. Choose an appropriate PMI methodology for a project.
3. Explain the domains, life cycle processes, and products associated with adaptive and predictive PM.
4. Describe a project leader's roles and responsibilities in a global environment.
5. Apply ethical standards to their project management practice.

## Admission Requirements

An online application must be submitted and accepted before a student begins their first course. All courses in the Project Management Certificate must be completed or approved through the Accelerated Online Degree Program.

## Transfer Credit

Transfer credit may be considered on a case-by-case basis after an application has been submitted.

## Certificate Requirements

### Certificate in Project Management (12 credit hours)

#### Complete the following:

Not all courses are offered every year. The certificate is successfully finished when all certificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

Students must take MPJM 218: Introduction to Project Management as the first course in the certificate. Subsequent courses can be taken in any order.

MPJM 212 Predictive Project Management Methodologies 3 credit hours  
MPJM 218 Introduction to Project Management 3 credit hours  
MPJM 219 Adaptive Project Management Methodologies 3 credit hours  
MPJM 242 Project Leadership 3 credit hours

# Certificate in STEM Foundations

## Overview

The Certificate in STEM Foundations provides an opportunity for students to explore how the digital age is changing the way individuals think, interact, and engage. Students will focus on problem solving using the mathematics of finance, probability, and statistics; examine various landforms and earth processes; and explore the online tools that make electronic social and professional interaction possible.

## Student Learning Outcomes

Upon successful completion of this certificate, students will be equipped to:

- Use a variety of problem solving strategies to analyze and solve real world problems using mathematics.
- Apply basic probability and statistical analysis in a decision-making process.
- Discuss basic landforms and identify various geologic time frames that form the history of the Earth.
- Discuss the relationship between earth science and other sciences, especially biology and chemistry.
- Define the term “digital age” from several societal and cultural perspectives.
- Sequence the development of the internet and social media.

## Admission Requirements

An online application must be submitted and accepted before a student begins their first course. All courses in the certificate must be completed or approved through ADP. Transfer credits are not permitted for this certificate.

## Certificate Requirements

### Certificate in STEM Foundations (9 credit hours)

#### Complete the following:

The certificate is successfully finished when all certificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

LACC 240 Technology & Media 3 credit hours

LACC 270 Foundations of Math 3 credit hours

LACC 274 Earth Science 3 credit hours

# Certificate in Writing & Communication

## Overview

The Certificate in Writing & Communication provides an introduction to varied worldviews, patterns of perception, and intercultural complexities that impact effective communication within and across cultures. Students will analyze the relationship of writing to social change and stability, and practice effective processes and techniques for producing efficient, effective communication.

## Student Learning Outcomes

Upon successful completion of this certificate, students will be equipped to:

- Write focused, organized, and cohesive essays, including impactful introductions, credible evidence, and memorable conclusions.
- Identify the roles played by purpose and audience in directing a writer's choices, and make appropriate choices of tone, voice, and level of formality.
- Explain how culture shapes human perception, identity, communication and conflict styles, behaviors, and ways of thinking.
- Analyze benefits and challenges to competent communication through mindful, reflexive, and accountable practices, demonstrating socially just intercultural communication.
- Discuss literature critically and creatively, and articulate critical and creative positions in writing and in oral presentations.
- Employ the skills of close reading, interpretation, synthesis, and critical analysis to the reading of texts across multiple cultural and linguistic traditions, various historical periods, and multiple genres.

## Admission Requirements

An online application must be submitted and accepted before a student begins their first course. All courses in the certificate must be completed or approved through ADP. Transfer credits are not permitted for this certificate.

## Certificate Requirements

### Certificate in Writing & Communication (9 credit hours)

#### Complete the following:

The certificate is successfully finished when all certificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

LACC 202 College & Professional Writing 3 credit hours

LACC 208 Intercultural Communication 3 credit hours

LACC 218 World Literature 3 credit hours



# Certificate in Worldview & Culture

## Overview

The Certificate in Worldview & Culture offers students an opportunity to investigate concepts of worldview as it relates to personal identity, cultural assumptions, interpersonal communication, individual decision-making, and faith. Students will consider selected events, trends, and personalities in politics, religion, popular culture, history, art, and technology, and their influence on the shape of society today.

## Student Learning Outcomes

Upon successful completion of this certificate, students will be equipped to:

- Analyze and compare the worldviews that influence one's understanding of faith, ethics, justice, and philosophy of work.
- Construct, articulate, and defend a personal worldview that responds to and gives meaning to the ultimate questions of life.
- Identify important events, influential figures, and cultural trends in the American experience.
- Confront own assumptions and biases about history, and gain an appreciation for the importance of history as an informed citizen.
- Conceptualize a deeper appreciation of art, its various forms and media, and how art connects us to a greater sense of self-awareness.
- Develop critical and analytical thinking and writing skills.

## Admission Requirements

An online application must be submitted and accepted before a student begins their first course. All courses in the certificate must be completed or approved through ADP. Transfer credits are not permitted for this certificate.

## Certificate Requirements

### Certificate in Worldview & Culture (9 credit hours)

#### Complete the following:

The certificate is successfully finished when all certificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

LACC 207 Faith & Worldview 3 credit hours

LACC 221 U.S. History 3 credit hours

LACC 230 World of Art 3 credit hours

# Microcertificate in Career Readiness

## Overview

The Microcertificate in Career Readiness is designed to equip students with the skills to captivate, educate, and persuade their readers – whether writing a business proposal, an academic essay, an email, a blog, or a social media post. Students will learn to articulate individual professional goals, assess career interests, navigate job search engines, create resumes that align with job and company profiles, and organize and use data.

## Student Learning Outcomes

Upon successful completion of this microcertificate, students will be equipped to:

- Identify the roles played by purpose and audience in directing a writer's choices, and make appropriate choices of tone, voice, and level of formality.
- Write a professional brand and personal summary statement.
- Identify and effectively use important data formulas.

## Admission Requirements

An online application must be submitted and accepted before a student begins their first course. All courses in the microcertificate must be completed or approved through ADP. Transfer credits are not permitted for this microcertificate.

## Certificate Requirements

### Microcertificate in Career Readiness (3 credit hours)

#### Complete the following:

The microcertificate is successfully finished when all microcertificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

ASPD 106 Career Advancement 1 credit hour

DATA 109 Spreadsheet Optimization 1 credit hour

LACC 105 Writing Excellence 1 credit hour

# Microcertificate in Data Management

## Overview

The Microcertificate in Data Management is designed to provide students with a sneak peek into the core concepts or principles of data governance, data management, information security, and cybersecurity.

## Student Learning Outcomes

Upon successful completion of this microcertificate, students will be equipped to:

- Explain the importance of project plans aligning with stakeholder needs and the project charter.
- Describe the main concepts of information security.
- Explain the principles of data quality and integrity.

## Admission Requirements

An online application must be submitted and accepted before a student begins their first course. All courses in the microcertificate must be completed or approved through ADP. Transfer credits are not permitted for this microcertificate.

## Certificate Requirements

### Microcertificate in Data Management (3 credit hours)

#### Complete the following:

The microcertificate is successfully finished when all microcertificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

CYBR 107 Cybersecurity 1 credit hour

DATA 108 Data Governance 1 credit hour

MPJM 103 Project Management 1 credit hour

# Microcertificate in Healthcare Administration

## Overview

The Microcertificate in Healthcare Administration provides an opportunity for students to explore the core principles of healthcare administration in the United States, including healthcare finance, the ethics of healthcare, current health policy and law, the study of psychology and stress, and basic principles of decision making.

## Student Learning Outcomes

Upon successful completion of this microcertificate, students will be equipped to:

- Describe the main elements of the U.S. healthcare system.
- Explain what it means to be a leader in a global context.
- Describe the impact of culture on social awareness and behavior.

## Admission Requirements

An online application must be submitted and accepted before a student begins their first course. All courses in the microcertificate must be completed or approved through ADP. Transfer credits are not permitted for this microcertificate.

## Certificate Requirements

### Microcertificate in Healthcare Administration (3 credit hours)

#### Complete the following:

The microcertificate is successfully finished when all microcertificate courses are completed with grades of C- or better and a certificate GPA of 2.0 or above.

MGHA 101 Healthcare Administration 1 credit hour

MGOL 102 Organizational Leadership 1 credit hour

PMHS 104 Mental Health Studies 1 credit hour

# Degree Completion Education (ELED)

The degree completion Education program at George Fox University offers a major to adult students who are returning to college to complete their undergraduate degree. Students can choose to pursue a multiple subjects endorsement (early childhood and elementary) or a single subjects endorsement (middle and high school).

The education major with a multiple subjects focus offers a 72 hour program consisting of a 42 hour core with 30 additional hours specific to the multiple subjects track. The education major with a single subjects focus offers a 72-73 hour program consisting of a 42 hour core, 6 hours of pedagogy coursework, and 24-25 hours of content-specific coursework. Upon meeting all academic and program requirements, candidates will be eligible for licensure in their chosen endorsement area.

This major is a unique alternative to the traditional method of pursuing a college degree. Courses are designed to meet the needs and learning styles of working adults. Classes are conveniently located and utilize a hybrid format of face to face and online learning.

Students study with other adults who share similar interests and concerns. Together they form an academic learning community, drawing from their own personal, professional, and technical backgrounds as they follow an intense program of classes and individual study.

Students who successfully complete the courses of their major program and the accompanying degree requirements such as general education and prerequisites are granted a bachelor of science degree in education.

**The Degree Completion Education program offers the following major:**

Bachelor of Science in Education

Other degree completion programs are offered at George Fox through the Accelerated Online Degree Program.

# Bachelor of Science (BS) in Education

## Overview

The Degree Completion Education Major offers two tracks: multiple subjects (early childhood and elementary education) or single subjects (middle school and high school).

Candidates who pursue a multiple subjects endorsement will be eligible to teach grades kindergarten through 8th in a self-contained classroom. Candidates who choose a single subjects endorsement may choose one of three content areas: Integrated Science, Mathematics or Language Arts, and may teach a single subject in middle and/or high school.

Acceptance into the teacher education program does not guarantee assignment for student teaching. Admission to student teaching is based upon continued good standing, favorable recommendations, an attained cumulative GPA of 2.75 or better on all college-level courses (including transfer credits), an average GPA of 2.75 or better in the teaching major, completion of the required teaching major and professional courses with no grade below C-, passing scores on appropriate basic skills, and having taken content area examinations.

## Degree Outcomes

Graduates with a BS in education will

- Demonstrate their understanding of grade-level and endorsement content
- Demonstrate their ability to create coherent, accurate and effective pedagogy
- Demonstrate an ability to reflect on their practice accurately, corresponding to the assessments that would be given by an external and unbiased observer, and demonstrate professionalism in the classroom by acting with integrity and honesty.
- Demonstrate an understanding of learner development and an ability to embrace all diversities
- Demonstrate eligibility for licensure by completing all state and university requirements

## Major Requirements

### Education Core Requirements

### Education Core Requirements (42 credit hours)

Complete the following:

Students may take ELED 260 as a prerequisite before starting the Education program. However, students who have not completed ELED 260 prior to starting the program will be required to take it as part of their Education major course plan.

ELED 260 Teaching, Schooling & Learning 4 credit hours

**Complete the following:**

Students must complete all of the major courses below.

ELED 324 Issues in Human Development 4 credit hours

ELED 326 The 21st Century Classroom 4 hours

ELED 346 The Inclusive Classroom in a Diverse Society 4 credit hours

ELED 371 Curriculum and Assessment 4 credit hours

ELED 381 Classroom Management 4 credit hours

ELED 475 Student Teaching 10 credit hours

ELED 480 Assessment for All Learners 4 credit hours

ELED 485 Selected Topics 2 hours

ELED 490 Senior Seminar 2 credit hours

**Elementary (multiple subjects) or Secondary (single subjects) Tracks  
(choose one):**

**Elementary Track (30 credit hours)**

**Complete the following:**

Students may take MATH 211 and MATH 212 as prerequisites before starting the Education program. However, students who have not completed these courses prior to starting the program will be required to take them as part of their Education major course plan.

MATH 211 Foundations of Elementary Mathematics I 4 credit hours

MATH 212 Foundations of Elementary Mathematics II 4 credit hours

**Complete the following:**

ELED 343 Math Pedagogy 4 credit hours

ELED 344 Science Pedagogy 3 credit hours

ELED 347 Pedagogy of the Arts in an Integrated Classroom 1 credit hour

ELED 348 Social Studies Pedagogy 3 credit hours

ELED 349 Integrated STEAM 2 credit hours

ELED 354 Pedagogy of Health and Physical Education 1 credit hour

ELED 413 Writing Pedagogy 4 credit hours

ELED 414 Reading Pedagogy 4 credit hours

**Secondary - English Language Arts Track (30 credit hours)**

**Complete the following:**

ELED 481 Pedagogy A 3 hours

ELED 482 Pedagogy B 3 hours

**Complete the following:**

In addition to the Education Core (42 hours) and Pedagogy coursework (6 hours), students must complete 24 hours of content coursework. This coursework can be

completed through George Fox Digital or at another college or University, and must be 100 level or above. The English Language Arts content coursework must include:

- Analysis/Interpretation of Literature (15 hours) [*ELED 402: Literary Analysis for English Language Arts Teachers may apply toward this requirement*]
- Composition/Writing (6 hours)
- Literacy/Language Conventions (3 hours)

The content coursework must be approved by the Program Director.

## **Secondary - Integrated Science Track (31 credit hours)**

**Complete the following:**

ELED 481 Pedagogy A 3 hours

ELED 482 Pedagogy B 3 hours

**Complete the following:**

In addition to the Education Core (42 hours) and Pedagogy coursework (6 hours), students must complete 25 hours of content coursework. This coursework can be completed through George Fox Digital or at another college or University, and must be 100 level or above. The Integrated Science content coursework must include:

- Physical Science (8 hours)
- Life Science (8 hours)
- Earth/Space Science (6 hours)
- Nature of Science (3 hours) [*may be met by completing ELED 403: Nature of Science*]

The content coursework must be approved by the Program Director.

## **Secondary - Mathematics Track (31 credit hours)**

**Complete the following:**

ELED 481 Pedagogy A 3 hours

ELED 482 Pedagogy B 3 hours

**Complete the following:**

In addition to the Education Core (42 hours) and Pedagogy coursework (6 hours), students must complete 25 hours of content coursework. This coursework can be completed through George Fox Digital or at another college or University, and must be 100 level or above. The Mathematics content coursework must include:

- Calculus Sequence (12 hours)
- Introduction to Proofs (3 hours)
- Statistics (4 hours)
- Measurement and Geometry (3 hours) [*may be met by completing ELED 401: Geometry for Teachers*]



- Mathematical Modeling (3 hours)

The content coursework must be approved by the Program Director.

# Alternative Credit

A maximum of 32 semester credits may be earned at George Fox University through examination or other non-classroom credit procedures. This includes all alternative credit opportunities. Students may reduce the number of necessary courses and add flexibility to their programs through one or more of the following options.

## Advanced Placement Coursework

College credit may be granted in several subject areas for students who receive a score of 3.0 or better on exams for college-level courses offered in high school through the Advanced Placement program sponsored by the College Board. Students must request test scores be sent to George Fox University. The registrar's office processes credit for sufficient scores as transfer credit on each student's academic transcript. Course equivalencies and credit hours awarded are maintained by the registrar's office.

## College Level Examination Program

The Educational Testing Service of the College Board provides nationally recognized standardized testing through which college credit may be earned or course proficiency verified. This is the College Level Examination Program (CLEP). Testing through the CLEP General Examinations is designed to verify competency in general education. Testing through the CLEP Subject Examinations provides verification of competency in selected academic fields such as foreign language, mathematics. These may be taken at any time (unless concurrently or previously enrolled in an equivalent course) and assume competency has been gained in nonclassroom settings. Students can contact the registrar's office for information regarding the equivalent course awards for sufficient scores on exams. For local testing sites, please refer to the CLEP Test Center Search webpage.

## DSST Examinations

DSST subject-level exams (formerly DANTES) are a means of evaluating learning acquired outside the traditional classroom. University credit may be awarded for students who receive a score at or above the minimum recommended by the American Council on Education (ACE) for the given exam.

## International Baccalaureate Coursework

University credit may be granted in several subject areas to students who complete university-level work through the International Baccalaureate (IB) program. A minimum score of five is required on High Level examinations for credit consideration. Students must provide a copy of their IB transcript to receive consideration. Credits awarded as a result of IB documentation will be accepted as transfer credit. Course equivalencies and credit hours awarded for International Baccalaureate coursework are maintained by the registrar's office.

## **Prior Learning Assessment**

Credit may be earned by submission of qualified non-collegiate training. Credit may also be earned via learning demonstrated through carefully constructed Life Learning Essays. Please see the Prior Learning Assessment section of this catalog.

# Credit for Prior Learning

College-level learning occurs in many environments in addition to the traditional college classroom. Students in accelerated online degree programs may earn college credit for learning outside of the classroom.

## **Accelerated Online Degree Programs**

Successful completion of ASPD 215 Personal and Professional Assessment (3 credits) qualifies students who meet the submission deadlines to earn up to 30 hours of credit for training and life-learning at no additional charge. The course teaches the Kolb model for constructing essays that demonstrate college-level learning garnered from life experiences. Essays, as well as materials collected from personal and professional training, are carefully evaluated by qualified faculty to determine credit awards.

Accelerated online degree students who would like to submit professional certifications but do not intend to submit personal essays should take ASPD 195 Professional Assessment (1 credit). This course teaches students to write the experience description and learning outcomes required in the certification submission process. All professional studies students must complete ASPD 215 or ASPD 195 with a C- or higher in order to submit personal and professional training for credit.

Detailed policies and procedures for Prior Learning credit are described in the Prior Learning Credit Guide available from the department.

# Accelerated Online Degree Course Descriptions

(Courses are listed alphabetically by prefix.)

Course Prefix	Subject
ASPD	Academic Success and Professional Development
CYBR	Cybersecurity
DATA	Data Analytics
ELED	Education
LACC	Liberal Arts Core Curriculum
MGHA	Healthcare Administration
MGOL	Management and Organizational Leadership
MPJM	Project Management
PATH	Pathways
PMHS	Psychology and Mental Health Studies

# **ASPD Course Descriptions**

## **ASPD 106 Career Advancement**

*1 credit hour*

This course will help students cultivate practical skills to increase marketability for a new career or advancement in a current career. Students will learn to articulate individual professional goals, assess career interests, navigate job search engines, and create resumes that align with job and company profiles.

## **ASPD 185 Academic Tutorial**

*1 credit hour*

This is an individual tutoring opportunity designed to help students learn university-level academic skills. Students concurrently enroll in a designated LACC, ASPD, or major course, and the content, activities, and assignments for that course provide the content for developing academic skills including listening and reading comprehension, note taking, writing, vocabulary, speech, and study skills. (16 weeks, 1 credit) Prerequisite: Enrollment in a designated LACC, major, or other ASPD course.

## **ASPD 195 Professional Assessment**

*1 credit hour*

This course is offered in lieu of ASPD 215: Personal and Professional Assessment, and is designed for students who intend to submit professional certifications and do not intend to submit personal essays. Students will develop writing skills by articulating specific learning experiences, producing specific learning outcomes, and submitting professional certifications to the university through the Prior Learning Assessment process.

## **ASPD 215 Personal and Professional Assessment**

*3 credit hours*

This course is designed to help students articulate their personal and professional learning as applicable for prior-learning assessment. Students will develop writing skills by practicing various writing strategies to promote analytical thinking and effective communication. Course content includes the development of lifelong learning skills.

## **ASPD 226 Developing Your Professional Brand**

*3 credit hours*

This course examines the importance of knowing your professional brand and how to communicate it to your team, manager, or professional industry. You will evaluate your professional goals, discover your strengths through the Gallup StrengthsFinder, identify what motivates you, and define more clearly your purpose. Utilizing your interests, values, inclinations, and strengths, participants will write a brand statement and transfer that brand to LinkedIn. The course will also help students authentically integrate their faith and values in secular environments.

## **ASPD 280 Becoming an Exceptional Student**

*1-3 credit hour*

For students who find the return to university-level work challenging, this is an intensive course designed to enhance a student's personal confidence through individualized instruction in study skills, methods, and tools used by successful college students.

## **ASPD 285 Selected Topics**

*1-3 credit hour*

A scheduled class with topics chosen to meet the special needs and interests of students, faculty, or visiting professors.

## **ASPD 295 Individualized Study**

*1-3 credit hour*

Individualized study or supervised research in an area of special interest to the student which is outside the regular offerings of the major. Additional course fee (per credit) is required.

# CYBR Course Descriptions

## CYBR 107 Cybersecurity

*1 credit hour*

This course is designed to provide students with a sneak peek into the core concepts or principles of information security and cybersecurity. Information security professionals work to protect information and information systems from unauthorized access, use, disclosure, disruption, modification, or destruction in order to provide confidentiality, integrity, and availability of organizational data. Students will learn how training and security awareness can help an organization reduce its risk.

## CYBR 200 Introduction to Cybersecurity Principles

*3 credit hours*

This course introduces students to the fundamental concepts of cybersecurity. Students explore the safeguards and countermeasures prescribed for an information system to protect the confidentiality, integrity, and availability of the system and its information. Students will learn about the threats and vulnerabilities facing computer systems and the tools and techniques used to secure them.

## CYBR 240 Network Security and Access Controls

*3 credit hours*

This course introduces students to computer networking and network security concepts, including the types of networks and devices. Course concepts also include a detailed look at the types of access controls, including physical and logical controls.

## CYBR 244 Incident Response

*3 credit hours*

This course focuses on the importance of maintaining availability of system operations during unplanned disruptions. Students learn concepts related to each of the three distinct plans that are vital to the survival of any organization facing out-of-the-ordinary operating conditions. In this course, students will examine the incident response and mitigation process including business continuity, disaster recovery, and incident response concepts.

## CYBR 250 Cybersecurity Operations

*3 credit hours*

This course provides students with knowledge on the day-to-day operations of a security program, including the use of security controls and risk mitigation strategies of an organization. Students will learn about best practices in securing data, such as data encryption, configuration management, implementation of security policies, and security awareness training.

## CYBR 400 Fundamentals of Information Security

*3 credit hours*

This course will provide learners with basic security design fundamentals that help create systems that are trustworthy. This course lays the foundation for understanding terminology, principles, processes, and best practices of information security at local and global levels. It further provides an overview of basic security vulnerabilities and



countermeasures for protecting information assets through planning and administrative controls within an organization.

## **CYBR 407 Worldview & Identity**

*3 credit hours*

In this course, students will investigate concepts of worldview as it relates to personal identity, cultural assumptions, interpersonal communication, individual decision-making, and faith. Students will explore the roots of the Christian faith and the influence of Christianity on society, seeking to construct a personal worldview that informs their understanding of the meaning of life.

## **CYBR 410 IT Foundations for Information Security**

*3 credit hours*

This course provides students with a basic understanding of the components of an information technology system and their roles in system operation. This course also examines the roles of an operating system, its basic functions, and the services provided by the operating system.

## **CYBR 413 Legal & Ethical Issues in Information Security**

*3 credit hours*

This course addresses the laws, regulations, authorities, and directives that inform the development of operational policies, best practices, and training to assure legal compliance and to minimize internal and external threats. Students analyze legal constraints and liability concerns that threaten information security within an organization and develop disaster recovery plans to assure business continuity. Students also gain an understanding of privacy issues, tools, and practices. Students will examine typical situations where ethical dilemmas arise and to provide the students with tools for ethical decision making.

## **CYBR 420 Data & Information Management**

*3 credit hours*

This course focuses on organizational issues related to understanding information systems (IS), specific to the management of data. Students receive an overview of IS and explore the application, operation, and management of these systems. Students examine topics such as IS formulation and business alignment; data organization and storage; knowledge management; and IS impacts on organizations. Students will explore topics that include databases and networking and their critical organizational importance, system application, and emerging technologies and trends for the future. Students will learn how database systems are used and managed, and explore issues associated with protecting the associated data assets.

## **CYBR 430 Scripting & Programming for Cybersecurity**

*3 credit hours*

This course provides students with the basic ability to create simple scripts/programs to automate and perform simple operations in order to solve problems. This knowledge includes basic security practices in developing scripts/programs.

## **CYBR 440 Network Security**

*3 credit hours*

This course provides students with a basic understanding of how networks are built and operate. Students learn about computer network configurations, devices, services, vulnerabilities, and threats. Students design a network security architecture for an organization. The course also covers cryptography topics including encryption methods, symmetric/asymmetric systems, hashing, public-key infrastructures, and attack types.

## **CYBR 450 Managing Information Security**

*3 credit hours*

This course provides learners with knowledge necessary to define and implement a security program for the protection of an organization's systems and data. Students will learn how to develop plans and processes to address cybersecurity vulnerabilities and data protection.

## **CYBR 460 Cloud Computing & Virtualization**

*3 credit hours*

This course will provide students with a basic understanding of the technologies and services that enable cloud computing, types of cloud computing models, and the security and legal issues associated with cloud computing. Students will understand the interfaces between major components of virtualized systems and the implications these interfaces have for security. This course will explore best practices for design solutions for cloud-based platforms and operations that maintain data availability while protecting the confidentiality and integrity of information. Prerequisite: CYBR 410: IT Foundations for Information Security and CYBR 440 Network Security

## **CYBR 470 Digital Forensics in Cybersecurity**

*3 credit hours*

This course provides students with the skills to apply forensics techniques throughout an investigation life cycle with a focus on complying with legal requirements. Learners will apply knowledge through a discussion of case law, following the chain of custody, and e-discovery processes, as well as digital investigation concepts and techniques. Students will also learn about techniques related to device forensics.

## **CYBR 475 Field Experience**

*1-9 credit hour*

Supervised experience in the discipline including internships and practica required for professional programs. This advanced experience must have an on-site supervisor and/or a departmental instructor overseeing, designing, and evaluating the content of the course.

## **CYBR 480 Cyber Defense & Countermeasures**

*3 credit hours*

This course provides students with the fundamental skills to handle and respond to information system incidents. The course addresses various underlying principles and techniques for detecting and responding to current and emerging computer security threats. Students learn how to leverage intelligence and threat detection techniques, analyze and interpret data, identify and address vulnerabilities, suggest preventive measures, effectively respond to and recover from incidents, and handle various types

of incidents, risk assessment methodologies, laws, and policies related to incident handling.

## **CYBR 490 Cybersecurity Capstone**

*3 credit hours*

Students will be provided with real world scenarios in this capstone course, where they will work in teams to adapt to changing environments, prevent attacks, and respond when incidents occur. Students will analyze a security issue and present their findings as a group to a leadership team.

# DATA Course Descriptions

## DATA 108 Data Governance

*1 credit hour*

This course is designed to provide students with a sneak peek into the core concepts or principles of data governance and data management. Data Governance can be defined as the overall administration, through clearly defined procedures and plans, that assures the availability, integrity, security, and usability of the structured and unstructured data available to an organization (AHIMA, 2020). This course will explain the difference between data analytics and informatics. Students will learn how big data, artificial intelligence, and machine learning are impacting data analytics.

## DATA 109 Spreadsheet Optimization

*1 credit hour*

This course provides students with an overview of the various capabilities of spreadsheet software. Students will become familiar with functionalities that are critical for using and managing data.

## DATA 210 Introduction to Applied Data Analytics

*3 credit hours*

In this course, students will learn how to apply basic data analysis tools using their choice of SAS or Python or both. Students will begin to develop research skills by developing a research question and conducting a literature review. Students will develop skills in generating testable hypotheses, understanding large data sets, managing data, conducting statistical analyses, and presenting results to expert and novice audiences. Through this course, students will learn foundational concepts of data management and visualization.

## DATA 224 Data Analysis Tools

*3 credit hours*

In this course, students will develop and test hypotheses about data through the use of various statistical tests, utilizing data analysis tools of SAS or Python. Students will continue the refinement of their research questions to explore data analysis using statistical tests and tools.

## DATA 260 Machine Learning for Data Analysis

*3 credit hours*

This course focuses on machine learning processes of developing, testing, and applying predictive algorithms to achieve a goal. Students will learn about basic classification, decision trees, and clustering. Students will continue the refinement of their research questions to explore data analysis using statistical tests and tools including machine learning.

## DATA 280 Data Analysis and Interpretation

*3 credit hours*

In this course, students will apply and refine the data analytic techniques learned from previous certificate courses to address a research question of choice. Using real world data, students will complete a project and present their findings to the class.

Prerequisite: DATA 210: Introduction to Data Analysis and DATA 224: Data Analysis Tools

## **DATA 400 Data Structures & Relational Databases**

*3 credit hours*

In this course, students will study fundamental concepts of data and information management with primary focus on database systems, including identifying organizational requirements, conceptual data modeling, logical and physical database design, SQL, and database administration tasks. Students will be introduced to Structured Query Language (SQL) and will learn how to use Data Definition Language (DDL) and Data Manipulation Language (DML) commands to define, retrieve, and manipulate data. This course covers differentiations of data—structured vs. unstructured and quasi-structured. It also covers aspects of data management, including quality, policy, and storage methodologies. Foundational concepts of data security are included.

## **DATA 407 Worldview & Identity**

*3 credit hours*

In this course, students will investigate concepts of worldview as it relates to personal identity, cultural assumptions, interpersonal communication, individual decision-making, and faith. Students will explore the roots of the Christian faith and the influence of Christianity on society, seeking to construct a personal worldview that informs their understanding of the meaning of life.

## **DATA 410 Programming for Data Analysis**

*3 credit hours*

In this course, students will learn how to apply basic data analysis tools using SAS and Python. Fundamental programming concepts are covered for each language. These include data types, variables, introduction to regular expressions, decisions, iteration, and introduction to collections using arrays, lists, and key-value pairs. Through this course, students will learn foundational concepts of data management and visualization. The importance of securing data is stressed throughout the course.

## **DATA 420 Data Governance & Management**

*3 credit hours*

This course explores topics such as data process management, risk management, security, and data quality. Students will develop a sample data governance plan. This course also looks at data ownership and the issues of rights, responsibilities, and privacy related to the ownership of data. Legal and ethical issues are also discussed.

## **DATA 424 Statistical Data Analysis**

*3 credit hours*

Students will learn and apply statistical methods to data through real world scenarios and data sets. Topics in the course will include, but are not limited to, advanced applications of the normal distribution, random variables, hypothesis testing, types of errors, analysis of variance (ANOVA), advanced regression analysis, correlation, and graphing/display methods.

## **DATA 430 Managing Data Projects**

*3 credit hours*

Students will discover various approaches to design a comprehensive methodology that best suits a team, projects, and organizational needs. Students will examine the data science life cycle or methodology, including documentation and team dynamics.

## **DATA 440 Information System Analysis & Design**

*3 credit hours*

This course provides a detailed overview of system analysis and design methodologies. Students will examine techniques to develop systems more efficiently, such as the system development life cycle and other processes. System requirements, functional design, display, and end-of project conclusions are studied and practiced through a variety of activities.

## **DATA 450 Data Literacy**

*3 credit hours*

During this course, students will learn how to identify, understand, explain, demonstrate, evaluate, visualize, and present data in a meaningful way using real-world issues within a social science perspective. As a result, students will develop a better understanding of how data is created, used, and understood.

## **DATA 460 Decision Support Systems**

*3 credit hours*

This course provides a detailed overview of decision-making systems, models, and support in organizations. The course covers many fundamental topics, including analysis and development of decision support systems, knowledge acquisition and representation, knowledge management, and the strategic value of analytical knowledge. Students will use software tools to analyze data.

## **DATA 470 Data Modeling**

*3 credit hours*

This course introduces students to the process and main techniques in data mining, data modeling, and machine learning, including exploratory data analysis, predictive modeling, descriptive modeling, and evaluation. Modeling techniques are examined and used to better understand current data to improve performance. Regression techniques, machine learning, and other tools are used to examine data and conduct predictive analysis. Real-world case studies are examined. Prerequisite: DATA 424: Statistical Data Analysis

## **DATA 475 Field Experience**

*1-9 credit hour*

Supervised experience in the discipline including internships and practica required for professional programs. This advanced experience must have an on-site supervisor and/or a departmental instructor overseeing, designing, and evaluating the content of the course.

## **DATA 480 Data Visualization & Communication**

*3 credit hours*

This course focuses on how to prepare data that has been collected and analyzed

for decision-making through the use of appropriate reporting formats, including graphs, charts, and diagrams. Data reporting and visualization tools are examined and evaluated. Through this course, students become more effective and engaged producers and consumers of information.

## **DATA 490 Data Analytics Capstone**

*3 credit hours*

The capstone course aims to provide students with an opportunity to integrate and apply the algorithms, methods, and tools they have learned throughout the program to solve real-world data analysis problems. Students will conduct a project that involves the main aspects of the data analytics process. They will submit a consolidated report and give a presentation at the conclusion of the project. Students gain experience participating in project planning and scheduling, writing reports, giving presentations, and interpreting results in a professional manner.

# **ELED Course Descriptions**

## **ELED 260 Teaching, Schooling & Learning**

*4 credit hours*

An overview of history and diverse social issues in education and an exploration of teaching as a career. Introduction to the teacher education program at George Fox University. Survey of learning theories and possible applications in the elementary classroom are explored. Prerequisite course.

## **ELED 324 Issues in Human Development**

*4 credit hours*

This course examines human development with developmental psychology, learning theory, and theoretical and practical aspects of human development-birth through adolescence. Foundations in learning theory and their connections to developmental psychology and learning theory are explored. Foundational knowledge of exceptionalities is built. Included will be age-level characteristics and developmentally appropriate practice for children in early childhood through middle school.

## **ELED 326 The 21st Century Classroom**

*4 credit hours*

This course provides teacher candidates the opportunity to explore various types of curriculum offered in the 21st Century Classroom. Candidates will explore and analyze current curriculum in Science, Social Studies, Literacy, Math and Art. Candidates will also be introduced to best-practice teaching models. In addition, candidates will explore technology integration and how to best meet the needs of the 21st-century student.

## **ELED 343 Math Pedagogy**

*4 credit hours*

This course seeks to integrate effective mathematics teaching and learning pedagogies within the framework of the common core state standards. The development of personal understanding of mathematical concepts and processes is emphasized; this process requires the student to expand his/her own learning beyond the course assignments to examine the relationships between mathematical concepts and the real world. Teaching mathematics effectively to diverse learners is emphasized. The course is interactive and dependent upon student participation.

## **ELED 344 Science Pedagogy**

*3 credit hours*

This course is designed to provide you with a firm understanding of research-based, best practices for teaching science at the elementary and middle school levels. This course encourages prospective teachers to view science as a space for making sense of the natural and man-made world and focuses on what it means to think (content knowledge) and act (scientific and engineering practices) like a scientist. Prospective teachers will develop pedagogical content knowledge around three dimensional learning and learning progressions as described in the Next Generation Science Standards. Part of developing pedagogical content knowledge entails a specific focus on exploring and analyzing childhood ideas in science, planning, assessing, and implementing effective



learning environments and lessons that utilize technology, best practices, hands-on experiences, student-centered learning and honors the diversity of all learners.

## **ELED 346 The Inclusive Classroom in a Diverse Society**

*4 credit hours*

Part of being an effective educator is recognizing and embracing diversity as an asset in the classroom. In this course, we will consider how institutional and classroom practices help and hinder students as well as how these practices align with values of dominant groups. This course also introduces you to a multiplicity of students and students' needs. It will provide you with a framework for approaching such situations and specific skills for facilitating learning for all students.

## **ELED 347 Pedagogy of the Arts in an Integrated Classroom**

*1 credit hour*

Using the basic principles and elements of music and art, students will explore making connections between subjects in the elementary curriculum.

## **ELED 348 Social Studies Pedagogy**

*3 credit hours*

This course is designed to provide students with a firm understanding of research-based, best practices for teaching social studies at the elementary and middle school levels. This course encourages prospective teachers to view social studies as a way to analyze patterns of human behavior and understand cultural perspectives. Prospective teachers will develop pedagogical content knowledge. Part of developing pedagogical content knowledge entails a specific focus on exploring and analyzing national social studies standards. In addition, students will utilize technology, best practices, hands-on experiences, and student-centered learning. This course will celebrate the diversity of all learners.

## **ELED 349 Integrated STEAM**

*2 credit hours*

This course focuses on the pedagogy of integrated STEAM (science, technology, engineering, arts, and mathematics) education that uses engineering design and language arts as authentic contexts for student learning. With an emphasis on engineering design, teacher candidates will develop engineering content and pedagogical content knowledge, as well as familiarity with the engineering practices and learning progressions described in the Next Generation Science Standards. Teacher candidates will develop efficacy to design, instruct, and assess STEAM units within the K through 5 grade span and the ability to critically examine STEAM resources and curriculum from the perspective of equity and social justice to support inclusive classroom environments.

## **ELED 354 Pedagogy of Health and Physical Education**

*1 credit hour*

This course examines and offers opportunities to apply health and physical education methods for elementary teachers. Using state and national standards, students will explore opportunities to include and integrate health and physical education content into

the classroom.

## **ELED 371 Curriculum and Assessment**

*4 credit hours*

Working within the differentiation framework for curriculum planning, this course will examine and apply the concepts and instructional strategies that are essential for the academic achievement of our students from cultural, diverse, language, behavioral and academic backgrounds. Examines strategies for planning, managing, and teaching content to students. Emphasis is placed on curriculum, teaching, and hands-on learning approaches that accommodate a diverse student population.

## **ELED 381 Classroom Management**

*4 credit hours*

Clearly, individual classroom teachers can have a major impact on student achievement. Of the three major roles of the classroom teacher – making choices about instructional strategies, designing classroom curriculum, and employing classroom management techniques – classroom management is arguably the foundation. Research on classroom management is integrated into the course. This course introduces the teacher candidate to research-based effective classroom management strategies.

## **ELED 401 Geometry for Teachers**

*3 credit hours*

The Geometry for Teachers course is a mathematics course on the study of Euclidean and non-Euclidean geometries for secondary teachers. The purpose of the course is for thinking about geometric content deeply while simultaneously connecting to the practice of teaching geometry. With an emphasis on geometric understanding, the course will support learning proof, critiquing reasoning, defining axiomatics systems, making constructions and transformations, and incorporating different technologies.

## **ELED 402 Literary Analysis for English Language Arts Teachers**

*3 credit hours*

This course is designed to introduce analysis of literacy as defined by the integrated processes of reading, writing, listening, and speaking. An emphasis on literary analysis will guide our exploration of foundational readings in ELA classes at the secondary level. Writing, listening, and speaking skills will be further explored through the lens of literary analysis.

## **ELED 403 Nature of Science**

*3 credit hours*

In this course, students will culturally, socially, and historically contextualize the Nature and Process of Science. Science is a human endeavor; it is affected by, and in turn affects, individual scientists, culture, and society. Students will survey the history of scientific inquiry as currently accepted, starting with Aristotle and concluding with modern day, and contextualize key findings and events within the context of the historical events and personal lives of the scientists. From this survey, students will also form an understanding of how the scientific method, as we know it today, came into being and how it shapes the process of science in education. Finally, students will be asked to thoughtfully design ways to incorporate nature and process of science

principles in classroom instruction and assessments.

## **ELED 413 Writing Pedagogy**

*4 credit hours*

This course focuses on teaching through a writing workshop. It creates a foundation for teaching writing focused on the individual needs of students. Theory, learner development, diversity and content knowledge will be applied in lesson and unit planning and in teaching children. Assessment, planning, teaching and reflection will be modeled using the CCSS, best practice and attention to the needs of all learners.

## **ELED 414 Reading Pedagogy**

*4 credit hours*

This course focuses on teaching reading through a reading workshop. This builds candidate knowledge in the areas of teaching reading focusing on the individual needs of each reader in the classroom. Theory, learner development, diversity and content knowledge will be applied in lesson and unit planning and in teaching children. Assessment, planning, teaching and reflection will be modeled using the CCSS, best practice and attention to the needs of all learners.

## **ELED 475 Student Teaching**

*10 credit hours*

The teacher candidate enters the classroom as a co-teacher who is collaborating with a cooperating teacher in developing and presenting instruction that is designed for the success of all students. Successful teaching and the completion of the teacher licensing portfolio. The teacher licensing portfolio is a written documentation of the student's ability to teach all students. Additional course fee required.

## **ELED 480 Assessment for All Learners**

*4 credit hours*

Building on the conceptual ideas of Assessment for Learning, this course focuses on the idea that assessment is a collaborative process that involves the student, teacher, and other stakeholders in a collaborative experience that is designed to empower student success. The four dimensions of background knowledge, language abilities, academics, and behavior assessments will provide the impetus for a course which investigates, develops, and plans assessments for all students, including English language learners, special education students, talented and gifted students, and mainstream students. A wide diversity of classroom assessments will be explored. Additionally, the use and interpretation of standardized assessments will be examined, and teacher candidates will be prepared to implement fair and realistic accommodations/assessments in the mainstream classroom.

## **ELED 481 Pedagogy A**

*3 credit hours*

A study of instructional strategies and the design, implementation, and evaluation of curriculum for content-specific secondary classrooms. The pattern of course topics presented includes the nature of content knowledge, general pedagogical methods, subject-specific pedagogical methods, and integrated pedagogical methods. Inclusion emphasis. For single subject endorsement candidates, this course offers an intensive exploration of developmentally appropriate pedagogical practices within the content area.

## **ELED 482 Pedagogy B**

*3 credit hours*

A study of structures, strategies, issues, designs and possibilities for the implementation of curriculum to meet the specific developmental needs of secondary students with an emphasis on mid-level students in the content area. The pattern of course topics presented includes the nature of content knowledge, general pedagogical methods, subject-specific pedagogical methods, and integrated pedagogical methods. Inclusion emphasis. For single subject endorsement candidates, this course offers an intensive exploration of developmentally appropriate pedagogical practices with an emphasis on the content area at the mid-level.

## **ELED 490 Senior Seminar**

*2 credit hours*

This course assists teacher candidates to synthesize their foundation, methods and content background during the full time clinical experience, including content to prepare the teacher candidates as they transition into the teaching profession. The course content is presented in a professional development workshop while encouraging an understanding of the need for continued growth as teaching professionals as well as additional information on classroom management and differentiation.

# LACC Course Descriptions

## LACC 105 Writing Excellence

*1 credit hour*

This course is an adult-centered course designed to equip students with the skills to captivate, educate, and persuade their readers -- whether writing a business proposal, an academic essay, an email, a blog, or a social media post. Students will ponder together the importance of purpose, audience, and writerly self-awareness, and discuss what's new in the ever-changing world of proper grammar and internet etiquette.

## LACC 160 Hiking for Health

*2 credit hours*

This course is intended to provide students with skills to enjoy safe and holistically beneficial hiking experiences. The course will include completing several hikes as well as engaging in personal reflections on the many health benefits of hiking. Specific skills learned in this course will include planning and preparing for a hike, navigation, and using the outdoors responsibly and courteously. (Note: This course is fully online; hikes will take place in student-selected locations. If there is enough Portland metropolitan area interest from students, optional in-person class hikes may be offered.)

## LACC 161 Walking for Fitness

*1 credit hour*

This course will introduce walking as an excellent fitness activity for people of all ages. Students will participate in various walking activities and learn about the health benefits of walking on a regular basis.

## LACC 162 Lifetime Fitness

*3 credit hours*

The course focuses on physical activity and the development and maintenance of good health. The goal of health and human performance is to develop physically educated individuals who have the knowledge, skills, and confidence to enjoy a lifetime of healthful physical activity.

## LACC 178 Ecology of the Pacific Northwest

*3 credit hours*

This course examines the ecology, geology, and climate of the Pacific Northwest from the perspective of the Native American groups that first lived here. The class includes the biology of the major organisms that live in this area, the geology that underlies the various habitats of Oregon and Washington, and the culture of respect for and love of the land that the Native American groups shared. This class will allow students to get outside and explore, while still being a completely virtual class.

## LACC 201 Writing for Adults I

*3 credit hours*

An adult-focused course designed to build on student writing and research skills such as composition techniques, critical reading and thinking skills, grammar and editing, and basic research skills, and offer an introduction to APA formatting and citation.

## **LACC 202 College & Professional Writing**

*3 credit hours*

This course builds on student understanding of basic mechanics, sentence construction, intermediate composition, elements of prose, and research skills. Students will practice effective processes and techniques for producing efficient, effective writing, including focused consideration of purpose, audience, and appropriate formatting and citation.

## **LACC 207 Faith & Worldview**

*3 credit hours*

In this course, students will investigate concepts of worldview as it relates to personal identity, cultural assumptions, interpersonal communication, individual decision-making, and faith. Students will explore the roots of the Christian faith and the influence of Christianity on society, seeking to construct a personal worldview that informs their understanding of the meaning of life.

## **LACC 208 Intercultural Communication**

*3 credit hours*

This course provides an introduction to the varied worldviews, patterns of perception, and intercultural complexities that impact effective communication within and across cultures. Students will assess and apply intercultural communication theories as they explore the following topics: the nature of culture and cultural definitions; privilege, power, and oppression in historical and contemporary U.S. society; globalization, transnational conflict, and modern technological influences; representation of cultures and identities in popular media; and the relationship between language, power, and culture.

## **LACC 210 Conflict Resolution Strategies**

*3 credit hours*

In this course, students will be introduced to the history and evolution of conflict resolution as well as basic concepts and methods required to work through the process. Students will explore the importance of communication in a conflict resolution environment and build strategies for their own personal use.

## **LACC 211 The Art of Persuasion**

*3 credit hours*

In this course, students will explore the art of effective persuasion both in the workplace and in everyday living. Students will consider historical definitions of persuasion, examples of persuasive speech and writing, and the impact of 21st-century communication mediums such as social media and internet news sources. Students will articulate individual needs for effective tools for persuasion, weighing the impact of purpose, audience, worldview, and medium.

## **LACC 212 The Art of Storytelling**

*3 credit hours*

This course will consider general elements of effective storytelling (voice, character, setting, theme); examine the components of plot (exposition, rising action, climax, falling action, denouement); and discuss 21st-century storytelling genres (fiction, poetry, drama, film, memoir). Students will engage in peer workshops as they practice varied genres and complete a final project in a genre and medium of their choosing.

## **LACC 218 World Literature**

*3 credit hours*

This course offers a selected study of literary masterpieces that reflect varying aspects of human identity throughout history. Students will study poetry, drama, and fiction in their historical and cultural contexts, analyzing the relationship of literature to social change and stability. The course is designed to offer students multiple perspectives of the people and cultures who share our globe.

## **LACC 219 Grant Writing**

*3 credit hours*

In this introductory grant writing course, students will examine the role of foundations, learn how to identify sources of funding, and write grant proposals for nonprofit organizations. A focus is on the grant proposal writing process and the elements of a comprehensive narrative, including program description with goals and “SMART” outcomes. Students will produce a base or “master” grant proposal for a nonprofit, as well as a “letter of inquiry.” This is a writing intensive course. Prerequisite: LACC 202 Writing for Adults II.

## **LACC 220 Religion and American Popular Culture**

*3 credit hours*

This course will study the mutual influence and interaction of religion and American popular culture, focusing on themes in entertainment media, the internet, politics, sports, education, church, and civil religion. It gives attention to the ability to compare and contrast biblical Christianity with cultural expressions of religion.

## **LACC 221 U.S. History**

*3 credit hours*

This course examines key developments in the history of the United States. Students will consider selected events, trends, and personalities in politics, religion, popular culture, and technology, and their influence on the shape of society today.

## **LACC 222 Writings of C.S. Lewis**

*3 credit hours*

Once a self-described atheist scholar, C. S. Lewis has become one of the most widely read Christian apologists of all time. Best known for *The Chronicles of Narnia* and *Mere Christianity*, Lewis wrote more than 70 books in the mid-20th century. In this course, students will read a sampling of his nonfiction and his fiction as they explore the broader societal contexts and implications for Lewis' life and far-reaching influence.

## **LACC 223 Social and Cultural Diversity**

*3 credit hours*

This course is designed to encourage students to develop multicultural awareness and competencies for working with people of diverse groups in society.

## **LACC 224 Narratives of the Old Testament**

*3 credit hours*

This course examines how the identity of Israel was shaped by particular narratives in the Old Testament. Students will discover the influence of the social, cultural, historical,

and religious context on the narratives. Students will learn how the narratives convey theological concepts and explore personal application of those concepts.

## **LACC 226 Jesus & Leadership**

*3 credit hours*

This course will consider leadership through a New Testament lens, exploring the example Jesus provided in his years of ministry as presented in the Gospels. Students will examine Jesus' unwavering IQ (intelligence quotient), EQ (emotional quotient), and AQ (audience quotient), drawing connections between Jesus' example found in the Gospels and current popular theories of effective business leadership.

## **LACC 230 World of Art**

*3 credit hours*

This course provides an introduction to the materials, techniques, and theories of art, including painting, drawing, sculpture, and what is considered fine art in general. Through aesthetic, historical, and critical analysis, students will broaden their understanding and experience of art and its role in society.

## **LACC 231 Music Appreciation**

*3 credit hours*

This course acquaints the students with a broad range of musical styles reflecting diverse cultures, including classical, jazz, and popular music. Various composers, performers, and their music are listened to and studied.

## **LACC 233 Mission & Calling**

*3 credit hours*

In this course, students will discuss personal mission, individual calling, and the danger of mission drift at both a personal and corporate level. In considering the groundwork that undergirds a clear sense of mission, students will explore what it means to live lives that are self-aware and intentional, identifying the impact of moral systems, ethical codes, values, beliefs, and biases on both individual decision-making and cultural assumptions.

## **LACC 234 Introduction to Chaplaincy**

*3 credit hours*

This course introduces students to what chaplaincy is and is not, the various organizations that utilize chaplains, and how chaplains of different worldviews interact with those who call on them. Students will be introduced to concepts and techniques that successful chaplains use as providers, facilitators, caregivers, and advisors.

## **LACC 236 Grief & Loss**

*3 credit hours*

This course will examine the physical, psychological, spiritual, and cultural impacts of grief and loss as a human experience. Throughout the course, students will discuss a holistic approach to understanding the many aspects of grief, loss, bereavement, and healing. Students will also explore strategies and skills to respond to grief and loss.



## **LACC 237 Spiritual Formation & Discipleship**

*3 credit hours*

In this course, students will explore the orthodoxy (right thinking), orthopraxy (right behaviors), and orthopathy (right feelings) of spiritual formation, asking such essential questions as, “Who am I?”, “How do I view God?”, and “How does my faith impact how I engage with those around me?” As students consider effective ways to articulate and communicate a deepening relationship with God, they will also explore specific spiritual practices and the art of discipling others within a faith community.

## **LACC 240 Technology & Media**

*3 credit hours*

The 21st-century digital age has introduced an exponential number of online tools that make electronic social and professional interaction possible. Through readings, videos, case presentations, and engagement with digital media, this interactive course provides an opportunity to explore how the digital age is changing the way individuals think, interact, and engage.

## **LACC 241 Personality Theory in Everyday Life**

*3 credit hours*

This course is a study of major theories of personality, including Freudian, Neo-Freudian, behaviorist, trait, and humanistic theories. An experimental dynamic will involve synthesis of important elements of theory, faith, and personal thought processes and behaviors.

## **LACC 242 Foundations of Psychology**

*3 credit hours*

This course explores the study of human behavior through a scientific and sociocultural lens, including an introduction to the history and major theories of psychology, disciplines in the field of psychology, biological bases of behavior, scientific method, sensation, perception, learning, memory, emotion, and motivation. Students will also consider gender, culture, and ethnicity as related to human behavior, perceptions, and emotions.

## **LACC 243 Foundations of Sociology**

*3 credit hours*

This course introduces the field of sociology, including an examination of how social interactions and groups comprise the social landscape. While developing a sociological imagination, students will consider how society functions and their role in it.

## **LACC 246 Mentoring in the Workplace & Community**

*3 credit hours*

This course is designed to provide participants with an opportunity to investigate the mentoring process and its application in professional and personal settings. Participants will explore mentor qualities, relationships, skills, and best practices for those who mentor others. There will be a specific emphasis on mentoring in the workplace, as well as mentoring in avocational settings. Students will discuss, demonstrate, and apply techniques and strategies that develop their mentoring skills.

## **LACC 247 Innovation & Social Impact**

*3 credit hours*

In this course, students will be introduced to innovative business solutions whose primary goal is creating a better society and healthier environment. Using case studies, students will analyze and evaluate specific successful business models of social enterprise that made positive changes; then they will apply the same principles to current social issues. Further, they will explore how a mission and careful planning approach produce sustainable business operations that design and deliver value to society and the environment.

## **LACC 250 Health & Stress Management**

*3 credit hours*

This course incorporates a theoretical and experiential exploration of the causes and effects of stress physiologically and psychologically. Students will be introduced to physical, mental, and spiritual techniques to understand and reduce stress and increase relaxation.

## **LACC 251 Social & Ethical Psychology**

*3 credit hours*

This course will introduce students to the concepts that can affect social situations and events in their everyday lives. Students will explore the impact of culture, perceptions, prejudices, stereotypes, and attitudes on social awareness and interpersonal relations. This course will engage students in ethical decision-making processes as they relate to modern and historical approaches to social psychology.

## **LACC 252 Culture, Kin, & Community**

*3 credit hours*

This course provides a general introduction of culture through anthropology, with a focus on kinship and community structure. We will explore the way anthropology has offered a coherent system for understanding broader social connections. Because family, kin, and community are rapidly changing units in contemporary culture, we will study historical and current perspectives. We will consider both the western and global contexts and look at their emerging forms.

## **LACC 260 Contemporary Healthcare**

*3 credit hours*

A study of our nation's current health problems and concerns. Emphasis on health consumerism and current trends, diseases, the sanctity of life, and fitness. The goal is to develop an educated view on current health issues.

## **LACC 261 Nutrition for Health & Wellness**

*3 credit hours*

This course introduces students to the basic concepts of nutrition and its role in health, wellness, and prevention of chronic disease. Topics covered include nutrients (macronutrients and micronutrients), nutritional needs across the lifespan, weight management, fad diets, nutrition for exercise and sport, food safety, and food security. Further, this course will provide students with important information and tools in making personal dietary decisions.

## **LACC 262 Yoga**

*3 credit hours*

Students will develop a foundation for using yoga to enhance their physical, mental, and spiritual well-being throughout the lifespan. While exploring the basics of yoga practice, history, and philosophy, students will also study modern scientific research on the practice, and how to integrate yoga into their own worldview and spirituality. Special emphasis will be given to understanding how yoga can be integrated into Christian theology, prayer, and contemplative practices.

## **LACC 270 Foundations of Math**

*3 credit hours*

This course will focus on problem solving using the mathematics of finance, probability, and statistics. From simple and compound interest models to amortized loans, students will calculate and solve for relevant variables, then create spreadsheets to assist them in the empirical problem solving necessary for budgeting and comparative financial applications.

## **LACC 274 Earth Science**

*3 credit hours*

This course provides an introductory survey of physical geology, historical geology, oceanography, meteorology, and astronomy. Students will examine various landforms and earth processes, and may engage with special topics and fieldwork as they consider cycles related to the earth's form and function.

## **LACC 285 Selected Topics**

*3 credit hours*

A scheduled class with topics chosen to meet the special needs and interests of students, faculty, or visiting professors.

## **LACC 295 Individualized Study**

*1-3 credit hour*

Individualized study or supervised research in an area of special interest to the student which is outside the regular offerings of the major.

# **MGHA Course Descriptions**

## **MGHA 101 Healthcare Administration**

*1 credit hour*

This course is designed to provide students with a foundational knowledge and understanding of the core principles of healthcare administration. Topics include the history of healthcare in America, healthcare finance, the ethics of healthcare, and current health policy and law.

## **MGHA 401 Organizational Behavior**

*3 credit hours*

Course content focuses on organizational behavior models and practices and their application in work, group, and virtual teams. Emphasis is placed on group behavior and how group functioning affects organizational effectiveness.

## **MGHA 403 Organization Theory and Design**

*3 credit hours*

This course provides an overview of the fields of organizational and management theory. It gives the student an understanding of the roles of management in fulfilling the mission and goals of the organization. Students are expected to apply management theory as they make decisions to solve organizational problems. Prerequisite: MGHA 401 Organizational Behavior.

## **MGHA 404 Leadership Communication**

*3 credit hours*

From a leadership perspective, this course focuses on the role communication plays in creating a productive work environment. Students will build communication competencies through learning to use listening skills, emotional intelligence, purpose identification, audience analysis, strategy development, message design, and medium selection. Topics covered include the effective use of digital media and leadership communication in the context of networks, groups and teams, addressing internal and external audiences, as well as in conducting meetings and presentations. Prerequisite: MGHA 401 Organizational Behavior.

## **MGHA 407 Worldview & Identity**

*3 credit hours*

In this course, students will investigate concepts of worldview as it relates to personal identity, cultural assumptions, interpersonal communication, individual decision-making, and faith. Students will explore the roots of the Christian faith and the influence of Christianity on society, seeking to construct a personal worldview that informs their understanding of the meaning of life.

## **MGHA 413 Healthcare Ethics**

*3 credit hours*

Inquiry and exploration into the problems of modern healthcare using ethical theories and reflection to articulate a range of possible solutions. Students will connect various contemporary healthcare issues with ethical theory and decision making. While there are many such issues, we concentrate on topics concerning access to healthcare,

patient autonomy and informed consent, and the right to die. Prerequisite: MGOL 401 Organizational Behavior, MGHA 427 Introduction to Healthcare Services.

## **MGHA 414 Healthcare Finance**

*3 credit hours*

In this course students will develop a foundational understanding of the financial operations of healthcare organizations including coding, budgeting and financial reporting, and provider compensation. Topics will also include decision-making with emphasis on various payment models and third-party payers. This course will enhance the student's decision-making skills by utilizing case studies and practical applications to real world situations. Prerequisite: MGHA 427 Introduction to Healthcare Services.

## **MGHA 427 Introduction to Healthcare Services**

*3 credit hours*

Introduces the historical development and contemporary structure of healthcare services. Examines a wide range of delivery settings and providers, the role of government and regulatory bodies, sources of healthcare funding, and related current issues. Prerequisite: MGOL 401 Organizational Behavior.

## **MGHA 430 Legal Aspects of Health Services**

*3 credit hours*

In this course, the student will develop a strong foundation of healthcare laws enabling students to contend with legal issues facing administrators of healthcare organizations on a daily basis. Topics will include statutory laws, rules and regulations, patient rights, fraud and Anti-trust legislation and enforcement. Students will develop a solid understanding of the impact of relationships between the patient, payer, and provider on the American healthcare structure. Prerequisite: MGHA 427 Introduction to Healthcare Services.

## **MGHA 432 Integrated Healthcare Systems**

*3 credit hours*

Examines the evolution and structure of integrated healthcare delivery systems from the perspectives of quality, access, and costs. Explores issues related to urban versus rural settings, managed care, reimbursement, regulatory requirements, and institutional accreditation. Prerequisite: MGHA 427 Introduction to Healthcare Services.

## **MGHA 433 Leadership for Healthcare Professionals**

*3 credit hours*

This course will examine the theory and practice of leadership in healthcare settings and the critical knowledge and skills needed to be effective leaders in today's complex healthcare environment. Prerequisite: MGHA 427 Introduction to Healthcare Services.

## **MGHA 434 Fundamentals of Managed Care**

*3 credit hours*

Introduces the history, philosophy, business principles, and current structure of the managed care industry. Explores concepts of capitation, managed care contracting, case management utilization patterns, regulatory requirements, and national health policy.

## **MGHA 436 Current Topics in Healthcare Administration**

*3 credit hours*

In this course, students will be active participants in the changing landscape of healthcare reform. This class will provide an analysis and evaluation of current political, social, domestic and international events that impact healthcare organizations. Students will develop a strong understanding of legislative and regulatory processes, social influence and the impact of international healthcare industries on American healthcare systems. Prerequisite: MGHA 427 Introduction to Healthcare Services.

## **MGHA 450 Strategic Management**

*3 credit hours*

This course provides students with a pragmatic approach that will guide the formulation and implementation of organizational and functional strategies. It focuses on modern analytical methods and on enduring successful strategic practices. Intentionally designed as a capstone course, students will apply management and leadership concepts they have learned throughout their degree program. Prerequisites: MGHA 403 Organizational Theory and Design, MGHA 433 Leadership for Healthcare Professionals

## **MGHA 475 Field Experience**

*1-9 credit hour*

Supervised experience in the discipline including internships and practica required for professional programs. This advanced experience must have an on-site supervisor and/or a departmental instructor overseeing, designing, and evaluating the content of the course. Prerequisite: MGOL 401 Organizational Behavior, MGHA 427 Introduction to Healthcare Services, and instructor's permission.

# **MGOL Course Descriptions**

## **MGOL 102 Organizational Leadership**

*1 credit hour*

This course is designed to provide adult students with a foundational understanding of concepts of interest to leaders in all kinds of organizations. During this course, participants will explore the global context of leadership, and how the global environment influences the way we lead. Participants will gain insight into their own decision-making and communication styles, increasing self-awareness, and will apply what they learn about themselves to better understand decision making and their approaches to conflict.

## **MGOL 275 Field Experience**

*1-9 credit hour*

Supervised experiences in businesses, nonprofit organizations, and public agencies.

## **MGOL 285 Selected Topic**

*1-3 credit hour*

An introductory seminar offered on an occasional basis addressing a current topic in the field that is of special interest to students and current faculty.

## **MGOL 295 Individualized Study**

*1-3 credit hour*

Individualized study or supervised research in an area of special interest to the student which is outside the regular offerings of the major.

## **MGOL 401 Organizational Behavior**

*3 credit hours*

In Organizational Behavior, students study organizations and the people who work in them. Emphasis is placed on leadership and management roles and responsibilities, including team and group behaviors, biases, values, and attitudes, and their effects on organizations.

## **MGOL 403 Organizational Theory**

*3 credit hours*

In Organizational Theory, students will explore how internal and external environments influence organizational designs, structures, cultures, processes, practices, and people. Change identification and execution will be discussed.

## **MGOL 404 Organizational Communication**

*3 credit hours*

In Organizational Communication, students build communication competencies by employing audience-appropriate messaging skills, listening skills, and emotional intelligence. From a management & leadership perspective, this course focuses on the role of communication in creating a productive global and culturally diverse organizational culture. Emphasis will be given to the development of ethical communication strategies, especially in the use of technology.

## **MGOL 407 Worldview & Identity**

*3 credit hours*

In this course, students will investigate concepts of worldview as it relates to personal identity, cultural assumptions, interpersonal communication, individual decision-making, and faith. Students will explore the roots of the Christian faith and the influence of Christianity on society, seeking to construct a personal worldview that informs their understanding of the meaning of life.

## **MGOL 410 Financial Decision Making**

*3 credit hours*

In Financial Decision Making, students will learn to analyze and interpret both historical and estimated financial data used by leaders and managers to conduct daily operations, plan future operations, and develop overall business strategies.

## **MGOL 412 Research-Informed Decision Making**

*3 credit hours*

In Research-Informed Decision Making, students learn the art and science of using research in decision making in a professional context. Students will explore research methodologies, critically evaluate data sources, and apply evidence-based strategies to problem situations and decision-making scenarios to make informed decisions.

## **MGOL 413 Law & Ethics in the Workplace**

*3 credit hours*

In Law and Ethics in the Workplace, students will learn to identify and transform inappropriate workplace behaviors, unethical situations, and legal dilemmas in the global workplace. Emphasis will be placed on workplace behaviors that cause ambiguity and destructive environments within organizations. Students will learn how to apply managerial decision making based on ethical principles, processes, and formats.

## **MGOL 415 Data-Informed Decision Making**

*3 credit hours*

In Data-Informed Decision Making, students will become familiar with how to evaluate and analyze data to determine its relevance to organizational needs.

## **MGOL 431 Operations Management**

*3 credit hours*

In Operations Management students will be introduced to concepts and techniques for design, planning, and control of service and manufacturing operations. Students will learn the basic definitions of operations management terms, tools and techniques for analyzing operations, and strategic context for making operational decisions.

## **MGOL 440 Human Resource Management**

*3 credit hours*

In Human Resource Management, students examine policies and practices regarding employee planning, recruitment, selection, compensation, training, and development. Attention is given to current regulatory employment issues.



## **MGOL 442 Organizational Dynamics**

*3 credit hours*

In Organizational Dynamics, students will discuss current societal forces that influence managers and leaders in organizations. By delving into a variety of topics, such as DEI, cybersecurity, and sustainability, students will explore the significance of decision making to organizational culture.

## **MGOL 450 Innovation & Strategy**

*3 credit hours*

In Innovation & Strategy, students will explore the formulation and implementation of organizational strategies. To support strategic thinking, students will investigate what it means to be innovative and how that influences strategy and organizational success. This capstone course will provide students opportunities to apply concepts they have learned throughout the program.

## **MGOL 475 Field Experience**

*1-9 credit hour*

Supervised experiences in businesses, nonprofit organizations, and public agencies.

## **MGOL 485 Management Seminar**

*1-6 credit hour*

An advanced seminar offered on an occasional basis addressing a current topic in the field that is of special interest to students and current faculty.

## **MGOL 495 Individualized Study**

*1-6 credit hour*

Individualized study or supervised research in an area of special interest to the student which is outside the regular offerings of the major.

# MPJM Course Descriptions

## MPJM 103 Project Management

*1 credit hour*

This course will provide a brief overview and analysis of concepts in the field of project management. Students will be exposed to project management history, processes and knowledge areas. Students will examine how project management has evolved over time and found its way into a diversity of industries with project managers and project management offices (PMOs) now being commonplace. From traditional to agile methodologies, students will consider different approaches to project management.

## MPJM 212 Predictive Project Management Methodologies

*3 credit hours*

Predictive Project Management Methodology exposes students to predictive project management domains and life cycles. Students will explore the requirements outlined in the Project Management Institute (PMI) Standards and PM Body of Knowledge (PMBOK) associated with development and delivery of projects using predictive methodology. Prerequisite: MPJM 218 Introduction to Project Management.

## MPJM 218 Introduction to Project Management

*3 credit hours*

Introduction to Project Management is the first course in the Certificate for Project Management. This course provides a foundation of the concepts described by the Project Management Institute (PMI) as important for successful project management.

## MPJM 219 Adaptive Project Management Methodologies

*3 credit hours*

Adaptive Project Management Methodology provides students with experience using adaptive project management methodologies. Students will explore the operational cycles of an adaptive implementation in modern project management organizations. Students will be introduced to the various roles and components involved in adaptive delivery and integration with the PMI project lifecycle. Students will participate in an adaptive project management plan, delivering artifacts required of good project management practitioners. Prerequisite: MPJM 218 Introduction to Project Management.

## MPJM 242 Project Leadership

*3 credit hours*

Project Leadership is an important aspect of successful projects. During this course, students will evaluate themselves as leaders and understand their position as project leaders working to deliver the strategic goals of an organization. Additionally, they will explore the complexities of virtual team leadership, especially in a global environment. Students will be introduced to performance domains, project life cycles, and project management principles as described in the PMBOK. Prerequisite: MPJM 218 Introduction to Project Management.

## **MPJM 401 Organizational Behavior**

*3 credit hours*

Course content focuses on organizational behavior models and practices and their application in work, group, and virtual teams. Emphasis is placed on group behavior and how group functioning affects organizational effectiveness.

## **MPJM 403 Organization Theory and Design**

*3 credit hours*

This course provides an overview of the fields of organizational and management theory. It gives the student an understanding of the roles of management in fulfilling the mission and goals of the organization. Students are expected to apply management theory as they make decisions to solve organizational problems. Prerequisite: MPJM 401 Organizational Behavior.

## **MPJM 407 Worldview & Identity**

*3 credit hours*

In this course, students will investigate concepts of worldview as it relates to personal identity, cultural assumptions, interpersonal communication, individual decision-making, and faith. Students will explore the roots of the Christian faith and the influence of Christianity on society, seeking to construct a personal worldview that informs their understanding of the meaning of life.

## **MPJM 410 Financial Decision Making**

*3 credit hours*

Topics covered will enable students to analyze and interpret both historical and estimated financial data used by management to conduct daily operations, plan future operations and develop overall business strategies. Prerequisites: MPJM 401 Organizational Behavior, MPJM 403 Organizational Theory.

## **MPJM 412 Predictive Project Management Methodologies**

*3 credit hours*

Predictive Project Management Methodology exposes students to predictive project management domains and life cycles. Students will explore the requirements outlined in the Project Management Institute (PMI) Standards and PM Body of Knowledge (PMBOK) associated with development and delivery of projects using predictive methodology. Students will apply their knowledge through development of a team-oriented project.

## **MPJM 418 Introduction to Project Management**

*3 credit hours*

Introduction to Project Management provides students an overview of the field of project management, with a focus on the responsibilities project managers (PMs) have to help achieve operational and strategic goals. Students will be introduced to ways to integrate and manage projects in modern organizations according to the tenets of the Project Management Institute's (PMI) Project Management Standards and Body of Knowledge (PMBOK). Students will be introduced to various methodologies employed by PMs to achieve their goals and to the ethical responsibilities of being a PM.

# **MPJM 419 Adaptive Project Management Methodologies**

*3 credit hours*

Adaptive Project Management Methodology provides students with experience using adaptive project management methodologies. Students will explore the operational cycles of an adaptive implementation in modern project management organizations. Students will be introduced to the various roles and components involved in adaptive delivery and integration with the PMI project lifecycle. Students will participate in an adaptive project management plan, delivering artifacts required of good project management practitioners.

## **MPJM 424 Project Risk Management**

*3 credit hours*

Required for Project Management majors and minors. Project Risk Management provides a framework for approaching, evaluating and implementing project risk principles to obtain optimal project results. Students will understand a variety of methods deployed in the project management industry to manage and respond to risks in projects, including a variety of components that integrate into a complete risk attitude and appetite for an organization. Students will be introduced to tools and methods for project management.

## **MPJM 431 Operations Management**

*3 credit hours*

This course introduces concepts and techniques for design, planning, and control of service and manufacturing operations. It provides basic definitions of operations management terms, tools and techniques for analyzing operations, and strategic context for making operational decisions. Prerequisites: MPJM 401 Organizational Behavior, MPJM 410 Financial Decision Making

## **MPJM 441 Managing Project Communication & Change**

*3 credit hours*

Managing Project Communication & Change exposes students to two key skills related to project management -- communication and change management. Students will learn to assess the project environment as it changes through the life cycle to identify the appropriate timing and types of communications that are needed. Additionally, students will learn the importance of scope management, and to recognize how "scope creep" can derail a project and what to do about it.

## **MPJM 442 Project Leadership**

*3 credit hours*

Project Leadership provides students the opportunity to evaluate themselves as leaders and understand their position as project leaders working to deliver the strategic goals of an organization. Students will explore the complexities of virtual team leadership, especially in a global environment. Students will be introduced to performance domains, project life cycles, and project management principles as described in the Project Management Body of Knowledge (PMBOK).

## **MPJM 450 Applied Project Management**

*3 credit hours*

Applied Project Management is the capstone course of the project management degree program. This course is developed around the framework of strategic management, which opens up avenues for discussing the organization and project management more holistically. Students will investigate how PMs and organizational leadership work with the Project Management Office (PMO) and organizational structure and processes to achieve strategic goals.

## **MPJM 475 Field Experience**

*1-9 credit hour*

Supervised experience in the discipline including internships and practica required for professional programs. This advanced experience must have an on-site supervisor and/or a departmental instructor overseeing, designing, and evaluating the content of the course. Pass/No Pass. Prerequisite: instructor's permission.

## **MPJM 495 Individualized Study**

*1-3 credit hour*

Individualized study or supervised research in an area of special interest to the student which is outside the regular offerings of the major.

# **PATH Course Descriptions**

## **PATH 101 Pathway to Healthcare Administration**

*0-1 credit hour*

This course is designed to provide students with a foundational knowledge and understanding of the core principles of healthcare administration. Topics include the history of healthcare in America, healthcare finance, the ethics of healthcare, and current health policy and law.

## **PATH 102 Pathway to Organizational Leadership**

*0-1 credit hour*

The Pathway to Organizational Leadership is designed to provide adult students with a foundational understanding of concepts of interest to leaders in all kinds of organizations. During this course, participants will explore the global context of leadership, and how the global environment influences the way we lead. Participants will gain insight into their own decision-making and communication styles, increasing self-awareness, and will apply what they learn about themselves to better understand decision making and their approaches to conflict.

## **PATH 103 Pathway to Project Management**

*0-1 credit hour*

The Pathway to Project Management will provide a brief overview and analysis of concepts in the field of project management. Students will be exposed to project management history, processes and knowledge areas. Students will examine how project management has evolved over time and found its way into a diversity of industries with project managers and project management offices (PMOs) now being commonplace. From traditional to agile methodologies, students will consider different approaches to project management.

## **PATH 104 Pathway to Mental Health Studies**

*0-1 credit hour*

This course will provide a brief overview and analysis of concepts in the field of mental health and psychology. An emphasis will be placed on a broad understanding of the field of mental health, career opportunities in the helping professions, and the basic tenets of the study of psychology and stress.

## **PATH 105 Pathway to Writing Excellence**

*0-1 credit hour*

The Pathway to Writing Excellence is an adult-centered course designed to equip students with the skills to captivate, educate, and persuade their readers -- whether writing a business proposal, an academic essay, an email, a blog, or a social media post. Students will ponder together the importance of purpose, audience, and writerly self-awareness, and discuss what's new in the ever-changing world of proper grammar and internet etiquette.

## **PATH 106 Pathway to Career Advancement**

*0-1 credit hour*

This course will help students cultivate practical skills to increase marketability for a new career or advancement in a current career. Students will learn to articulate individual professional goals, assess career interests, navigate job search engines, and create resumes that align with job and company profiles.

## **PATH 107 Pathway to Cybersecurity**

*0-1 credit hour*

This course is designed to provide students with a sneak peek into the core concepts or principles of information security and cybersecurity. Information security professionals work to protect information and information systems from unauthorized access, use, disclosure, disruption, modification, or destruction in order to provide confidentiality, integrity, and availability of organizational data. Students will learn how training and security awareness can help an organization reduce its risk.

## **PATH 108 Pathway to Data Governance**

*0-1 credit hour*

This course is designed to provide students with a sneak peek into the core concepts or principles of data governance and data management. Data Governance can be defined as the overall administration, through clearly defined procedures and plans, that assures the availability, integrity, security, and usability of the structured and unstructured data available to an organization (AHIMA, 2020). This course will explain the difference between data analytics and informatics. Students will learn how big data, artificial intelligence, and machine learning are impacting data analytics.

## **PATH 285 Selected Topics**

*0-1 credit hour*

A scheduled class with topics chosen to meet the special needs and interests of students, faculty, or visiting professors.

# PMHS Course Descriptions

## PMHS 104 Mental Health Studies

*1 credit hour*

This course will provide a brief overview and analysis of concepts in the field of mental health and psychology. An emphasis will be placed on a broad understanding of the field of mental health, career opportunities in the helping professions, and the basic tenets of the study of psychology and stress.

## PMHS 407 Worldview & Identity

*3 credit hours*

In this course, students will investigate concepts of worldview as it relates to personal identity, cultural assumptions, interpersonal communication, individual decision-making, and faith. Students will explore the roots of the Christian faith and the influence of Christianity on society, seeking to construct a personal worldview that informs their understanding of the meaning of life.

## PMHS 419 Child & Adolescent Development

*3 credit hours*

This course will introduce students to the theoretical and developmental approaches to child and adolescent development. Emphasis on a biosocial, psychosocial, and cognitive approach to development in childhood and adolescence is explored.

Prerequisite: PMHS 421 Family & Group Dynamics

## PMHS 420 Adult Development & Aging

*3 credit hours*

This course will introduce students to specific developmental issues and changes during early, middle, and later adulthood. Emphasis on a biosocial, psychosocial, and cognitive approach to development in adulthood and aging is explored. Prerequisite: PMHS 421 Family & Group Dynamics

## PMHS 421 Family & Group Dynamics

*3 credit hours*

The course introduces students to concepts in family relationships and dynamics. Historic and contemporary family theories are explored as a framework to better understand families. Presents family and group dynamics from a systems perspective.

## PMHS 424 Research Methods & Statistics

*3 credit hours*

This course is an introduction to the basic methods of qualitative and quantitative research. Focus is on the basic concepts of scientific inquiry as applied to social services. Prerequisite: PMHS 421 Family & Group Dynamics.

## PMHS 427 Abnormal Psychology

*3 credit hours*

This course offers an introduction to the types, nature, and causes of major behavioral disorders. Provides insight into behaviors that can have an impact on relationships.



Prerequisite: PMHS 421 Family & Group Dynamics

## **PMHS 428 Interpersonal Communications**

*3 credit hours*

This course investigates the role communication plays in creating healthy group relationships. Emphasis is placed on intentional interviewing strategies, verbal and nonverbal communication, effective listening, constructive feedback, and assertiveness in communication. Prerequisite: PMHS 421 Family & Group Dynamics.

## **PMHS 432 Personal & Professional Ethics**

*3 credit hours*

This course is an exploration of personal and professional ethics in the helping professions. Students will examine and develop systems for making ethical decisions. Prerequisite: PMHS 421 Family & Group Dynamics.

## **PMHS 433 Addiction Disorders**

*3 credit hours*

This course provides an overview of screening, intake, and assessment. It includes recognizing physical health problems, psychological effects, social effects, making recommendations about addiction education, outpatient and inpatient treatment. Topics include, but are not limited to, drug, gambling, and sexual addictions. Prerequisites: PMHS 421 Family & Group Dynamics, PMHS 427 Abnormal Psychology

## **PMHS 434 History, Culture, & Theories of Psychology**

*3 credit hours*

This course will introduce students to the history and foundations of psychology with an emphasis on the cultural and global understanding of this discipline. Students will explore schools of thought in psychology including structuralism, functionalism, behaviorism, Gestalt, and psychoanalysis. Prerequisite: PMHS 421 Family & Group Dynamics

## **PMHS 436 Cognition, Memory, & Language**

*3 credit hours*

This course will explore the vast fields of cognitive psychology, memory, and language. Emphasis will be on developing the student's understanding of the historical and modern accomplishments of cognitive psychology, the many aspects of memory, and the development and application of the study of language. Prerequisite: PMHS 421 Family & Group Dynamics

## **PMHS 437 Trauma & Coping**

*3 credit hours*

This course will provide an overview and analysis of the concepts of acute stress, trauma, and how to cope with stress and trauma. An emphasis will be placed on crisis management, self-care, building safe relationships, generational trauma, and cultural implications of stress and trauma. Prerequisite: PMHS 421 Family & Group Dynamics

## **PMHS 475 Field Experience**

*1-9 credit hour*

(Optional - by arrangement with the School of Professional Studies) Active internship

in the social services field in which the student is employed or seeks employment.

Prerequisite: PMHS 421 Family & Group Dynamics

## **PMHS 495 Individualized Study**

*1-4 credit hour*

Individualized study or supervised research in an area of special interest to the student which is outside the regular offerings of the major.

## Academic Calendar 2024-2025

### Fall Semester

Fall Semester Begins.....	August 26, 2024
Last Date for Special Student Class Registration .....	August 30, 2024
Last Date for Adding Classes Online (without Instructor Approval).....	September 1, 2024
Labor Day Holiday (non-Newberg locations only) .....	September 2, 2024
Last Day to Change Registration (Add/Drop) .....	September 8, 2024
Last Day to Submit Application for Degree (Midyear Commencement Participation) .....	September 8, 2024
Census Date.....	September 11, 2024
Serve Day.....	September 11, 2024
Last Day to Exercise Pass/No Pass or Audit Option .....	September 20, 2024
Mid-Semester Holiday (Newberg only) .....	October 4, 2024
Mid-Semester Grade Entry .....	October 12-16, 2024
Registration for Spring Semester Opens for Graduate and ADP Students .....	October 23, 2024
Transfer Credit Transcript Due Date (Midyear Commencement Participation).....	5:00 pm, November 15, 2024
Last Day to Request Participation in Midyear Commencement with Incomplete Requirements .....	November 17, 2024
Dissertation Signed Approval Sheets Due (Midyear Commencement Participation) .....	5:00 pm, November 27, 2024
Thanksgiving Holiday .....	November 28-29, 2024
Last Day to Withdraw from Class without Grade Responsibility .....	December 8, 2024
Study Day (Traditional Undergraduate) .....	December 9, 2024
Final Exams (Traditional Undergraduate) .....	December 9-13, 2024
Fall Semester Ends.....	December 13, 2024
Midyear Commencement .....	December 14, 2024
Christmas/New Year's Break .....	December 14, 2024 – January 12, 2025
Final Grade Entry Deadline .....	December 22, 2024

### Spring Semester

Spring Semester Begins .....	January 13, 2025
Last Date for Special Student Class Registration .....	January 17, 2025
Last Date for Adding Classes Online (without Instructor Approval).....	January 19, 2025
Martin Luther King Jr. Holiday .....	January 20, 2025
Last Day to Change Registration (Add/Drop) .....	January 26, 2025
Last Day to Submit Application for Degree (Spring Commencement Participation) .....	January 26, 2025
Census Date.....	January 29, 2025
Last Day to Exercise Pass/No Pass or Audit Option .....	February 7, 2025
Student Mid-Semester Holiday.....	February 13, 2025
Campus Mid-Semester Holiday .....	February 14, 2025
Registration for Summer Semester Opens .....	February 26, 2025
Mid-Semester Grade Entry .....	March 1-5, 2025
Juniors Abroad Registration .....	March 7, 2025
Registration for Fall 2025 and Spring 2026 Opens for Traditional Undergraduates .....	March 10, 2025
Spring Break .....	March 24-28, 2025
Transfer Credit Transcript Due Date (Spring Commencement Participation).....	5:00 pm, April 4, 2025
Last Day to Request Participation in Spring Commencement with Incomplete Requirements .....	April 6, 2025
Registration for Fall Semester Opens for Graduate and ADP Students .....	April 16, 2025
Dissertation Signed Approval Sheets Due (Spring Commencement Participation).....	5:00 pm, April 18, 2025
Last Day to Withdraw from Class without Grade Responsibility .....	April 27, 2025
Study Day (Traditional Undergraduate) .....	April 28, 2025
Final Exams (Traditional Undergraduate) .....	April 28 – May 2, 2025
Spring Semester Ends .....	May 2, 2025
Spring Commencement .....	May 3, 2025
Final Grade Entry Deadline .....	May 11, 2025

## Academic Calendar 2024-2025

### **Summer Semester**

Summer Semester Begins.....	May 5, 2025
Last Day to Change Summer Registration for Full Semester Classes (Add/Drop) .....	May 18, 2025
Memorial Day Holiday.....	May 26, 2025
Summer Online Session Begins.....	June 2, 2025
Last Day to Change Summer Online Registration (Add/Drop) .....	June 8, 2025
Day of Prayer .....	June 11, 2025
Juneteenth Holiday .....	June 19, 2025
Census Date for Summer .....	July 1, 2025
Independence Day Holiday .....	July 4, 2025
Last Day to Withdraw from Summer Online Session Class without Grade Responsibility .....	July 20, 2025
Summer Online Session Ends.....	July 27, 2025
Summer Online Session Grade Entry Deadline .....	August 3, 2025
Last Day to Withdraw from Full Semester Summer Class without Grade Responsibility.....	August 17, 2025
Summer Semester Ends.....	August 22, 2025
Final Grade Entry Deadline .....	August 31, 2025



**GEORGE FOX**  
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