



Program Guidebook

Bachelor of Science Supply Chain and Operations Management

The Bachelor of Science in Supply Chain and Operations Management (BSSCOM) degree is a competency-based degree program that develops operational skills that can be applied to a variety of sectors, such as corporations, small businesses, government agencies, nonprofits, healthcare, and educational institutions. The BSSCOM program addresses business needs and helps business leaders overcome challenges by equipping them with skills in data analysis, process review, critical thinking, and execution of operational improvements. The competencies in this program measure in-demand skills to prepare learners to create and maintain a bridge between business management and technology, operations, and supply chain functions (distribution, logistics, transportation, warehousing, inventory management, procurement, and demand planning). Through the program learners will learn how to ask critical business questions, form hypotheses that can be proven or disproven by data, translate raw data into usable and valuable business intelligence, and tell a business story based on data that provides companies with a competitive edge in their respective industries. The program concludes with an experiential learning capstone course where learners will deliver an operational project that showcases the skills they acquired throughout the program. The BSSCOM program includes three embedded certificates: Business Analytics, Operations Excellence, and Solutions Design Thinking. The three certificates are included in the Degree Plan and may be shared digitally in the WGU Achievement Wallet. This program also offers learners the option of earning recognized third-party professional credentials and certificates as they progress in their degree.

Understanding the Competency-Based Approach

Practically speaking, how do competency-based programs like those offered at Western Governors University (WGU) work? Unlike traditional universities, WGU does not award degrees based on completion of a certain number of credit hours or a certain set of required courses. Instead, you will earn your degree by demonstrating your skills, knowledge, and understanding of important concepts.

Progress through a degree program is governed not by the amount of time you spend in class but by your ability to demonstrate mastery of competencies as you complete required courses. Of course, you will need to engage in learning experiences as you review competencies or develop knowledge and skills in areas in which you may be weak. To help you acquire the knowledge and skills you need to complete your courses and program, WGU provides a rich array of learning resources. Your program mentor will work closely with you to help you understand the competencies required for your program and to help you create a schedule for completing your courses. You will also work closely with course instructors as you engage in each of your courses. As subject matter experts, course instructors will guide you through the content you must master to pass the course assessments.

The benefit of this competency-based system is that it enables students who are knowledgeable about a particular subject to make accelerated progress toward completing a degree, even if they lack college experience. You may have gained skills and knowledge of a subject while on the job, accumulated wisdom through years of life experience, or already taken a course on a particular subject. WGU will award your degree based on the skills and knowledge that you possess and can demonstrate—not the number of credits hours on your transcript.

Accreditation

Western Governors University is the only university in the history of American higher education to have earned accreditation from four regional accrediting commissions. WGU's accreditation was awarded by (1) the Northwest Commission on Colleges and Universities, (2) the Higher Learning Commission of the North Central Association of Colleges and Schools, (3) the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, and (4) the Accrediting Commission for Senior Colleges and Universities of the Western Association of Schools and Colleges. The university's accreditation status is now managed by the Northwest Commission on Colleges and Universities (NWCCU), which reaffirmed WGU's accreditation in February 2020. The WGU Teachers College is accredited at the initial-licensure level by the Council for the Accreditation of Educator Preparation (CAEP) and by the Association for Advancing Quality in Educator Preparation (AAQEP). The nursing programs are accredited by the Commission on Collegiate Nursing Education (CCNE). The Health Information Management program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). The College of Business programs are accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

The Degree Plan

The focus of your program is your personalized Degree Plan. The Degree Plan is a detailed blueprint of the courses you will need to complete in order to earn your degree. The Degree Plan also lays out the accompanying learning resources and assessments that compose your program. The list of courses in the Degree Plan is often referred to as the standard path. The amount of time it takes to complete your program depends on both the amount of new information you need to learn and the amount of time you plan to devote each week to study. Your program mentor and course instructors will help you assess your strengths and development needs to establish a study plan.

Students vary widely in the specific skills and information they need to learn. For example, some students may be highly knowledgeable in a particular subject matter and would not need to engage in new learning opportunities. Other students may find that portions of the program require them to learn new information and that they need to take an online class or participate in a study module to acquire the knowledge and skills needed to fulfill program competencies in that area. Some individuals may be able to devote as little

as 15–20 hours per week to the program, while others may need to devote more time. For this reason, pre-assessments are there to help your program mentor form a profile of your prior knowledge and create a personalized Degree Plan.

How You Will Interact with Faculty

At WGU, faculty serve in specialized roles, and they will work with you individually to provide the guidance, instruction, and support you will need to succeed and graduate. As a student, it is important for you to take advantage of this support. It is key to your progress and ultimate success. Upon your enrollment, you will be assigned a program mentor—an expert in your field of study who will provide you with regular program-level guidance and support from the day you start until the day you graduate. Your program mentor will set up regular telephone appointments (weekly at first) with you, which you will be expected to keep. The mentor will review program competencies with you and work with you to develop a plan and schedule for your coursework. Your program mentor will serve as your main point of contact throughout your program—helping you set weekly study goals, recommending specific learning materials, telling you what to expect in courses, and keeping you motivated. In addition to regular calls, your program mentor is available to help you resolve questions and concerns as they arise.

You will also be assigned to a course instructor for each course. Course instructors are doctoral-level subject matter experts who will assist your learning in each individual course. When you begin a new course, your assigned course instructor will actively monitor your progress and will be in touch to offer one-on-one instruction and to provide you with information about webinars, cohort sessions, and other learning opportunities available to help you acquire the competencies you need to master the course. Your course instructor can discuss your learning for the course, help you find answers to content questions, and give you the tools to navigate the course successfully. In addition, you will communicate with course instructors by posting in the online learning community and participating in live discussion sessions such as webinars and cohorts.

For many of the courses at WGU, you will be required to complete performance assessments. These include reports, papers, presentations, and projects that let you demonstrate your mastery of the required competencies. A separate group of faculty members, called evaluators, will review your work to determine whether it meets requirements. Evaluators are also subject matter experts in their field of evaluation. If your assessment needs further work before it “passes,” these evaluators, who review your work anonymously, will provide you with instructional feedback to help you meet evaluation standards and allow you to advance.

Connecting with Other Mentors and Fellow Students

As you proceed through your Degree Plan, you will have direct contact with multiple faculty members. These communications can take a variety of forms, including participation in one-on-one discussions, chats in the learning communities, and live cohort and webinar opportunities. As a WGU student, you will have access to your own personal MyWGU Student Portal, which will provide a gateway to your courses of study, learning resources, and learning communities where you will interact with faculty and other students.

The learning resources in each course are specifically designed to support you as you develop competencies in preparation for your assessments. These learning resources may include reading materials, videos, tutorials, cohort opportunities, community discussions, and live discussions that are guided by course instructors who are experts in their field. You will access your program community during your orientation course to network with peers who are enrolled in your program and to receive continued support through professional enrichment and program-specific chats, blogs, and discussions. WGU also provides Student Services associates to help you and your program mentor solve any special problems that may arise.

Orientation

The WGU orientation course focuses on acquainting you with WGU's competency-based model, distance education, technology, and other resources and tools available for students. You will also utilize WGU program and course communities, participate in activities, and get to know other students at WGU. The orientation course must be completed before you can start your first term at WGU.

Transferability of Prior College Coursework

Because WGU is a competency-based institution, it does not award degrees based on credits but rather on demonstration of competency. However, if you have completed college coursework at another accredited institution, or if you have completed industry certifications, you may have your transcripts and certifications evaluated to determine if you are eligible to receive some transfer credit. The guidelines for determining what credits will be granted varies based on the degree program. Students entering graduate programs must have their undergraduate degree verified before being admitted to WGU. To review more information in regards to transfer guidelines based on the different degree programs, you may visit the Student Handbook found at the link below and search for "Transfer Credit Evaluation."

[Click here for the Student Handbook](#)

WGU does not waive any requirements based on a student's professional experience and does not perform a "résumé review" or "portfolio review" that will automatically waive any degree requirements. Degree requirements and transferability rules are subject to change in order to keep the degree content relevant and current.

Remember, WGU's competency-based approach lets you take advantage of your knowledge and skills, regardless of how you obtained them. Even when you do not directly receive credit, the knowledge you possess may help you accelerate the time it takes to complete your degree program.

Continuous Enrollment, On Time Progress, and Satisfactory Academic Progress

WGU is a "continuous enrollment" institution, which means you will be automatically enrolled in each of your new terms while you are at WGU. Each term is six months long. Longer terms and continuous enrollment allow you to focus on your studies without the hassle of unnatural breaks between terms that you would experience at a more traditional university. At the end of every six-month term, you and your program mentor will review the progress you have made and revise your Degree Plan for your next six-month term.

WGU requires that students make measurable progress toward the completion of their degree programs every term. We call this "On-Time Progress," denoting that you are on track and making progress toward on-time graduation. As full-time students, graduate students must enroll in at least 8 competency units each term, and undergraduate students must enroll in at least 12 competency units each term.

Completing at least these minimum enrollments is essential to On-Time Progress and serves as a baseline from which you may accelerate your program. We measure your progress based on the courses you are able to pass, not on your accumulation of credit hours or course grades. Every time you pass a course, you are demonstrating that you have mastered skills and knowledge in your degree program. For comparison to traditional grading systems, passing a course means you have demonstrated competency equivalent to a "B" grade or better.

WGU assigns competency units to each course in order to track your progress through the program. A competency unit is equivalent to one semester credit of learning. Some courses may be assigned 3 competency units while others may be as large as 12 competency units.

Satisfactory Academic Progress (SAP) is particularly important to students on financial aid because you must achieve SAP in order to maintain eligibility for financial aid. We will measure your SAP quantitatively by reviewing the number of competency units you have completed each term. In order to remain in good

academic standing, you must complete at least 66.67% of the units you attempt over the length of your program—including any courses you add to your term to accelerate your progress. Additionally, during your first term at WGU you must pass at least 3 competency units in order to remain eligible for financial aid. We know that SAP is complex, so please contact a financial aid counselor should you have additional questions. *Please note: The Endorsement Preparation Program in Educational Leadership is not eligible for federal financial aid.

Courses

Your Degree Plan includes courses needed to complete your program. To obtain your degree, you will be required to demonstrate your skills and knowledge by completing the assessment(s) for each course. In general there are two types of assessments: performance assessments and objective assessments. Performance assessments contain, in most cases, multiple scored tasks such as projects, essays, and research papers. Objective assessments include multiple-choice items, multiple-selection items, matching, short answer, drag-and-drop, and point-and-click item types, as well as case study and video-based items. Certifications verified through third parties may also be included in your program. More detailed information about each assessment is provided in each course of study.

Learning Resources

WGU works with many different educational partners, including enterprises, publishers, training companies, and higher educational institutions, to provide high-quality and effective learning resources that match the competencies you are developing. These vary in type, and may be combined to create the best learning experience for your course. A learning resource can be an e-textbook, online module, study guide, simulation, virtual lab, tutorial, or a combination of these. The cost of most learning resources are included in your tuition and Learning Resource Fee. They can be accessed or enrolled for through your courses. Some degree-specific resources are not covered by your tuition, and you will need to cover those costs separately. WGU also provides a robust library to help you obtain additional learning resources, as needed.

Mobile Compatibility:

The following article provides additional details about the current state of mobile compatibility for learning resources at WGU.

[Student Handbook article: Can I use my mobile device for learning resources?](#)

Standard Path

As previously mentioned, competency units (CUs) have been assigned to each course in order to measure your academic progress. If you are an undergraduate student, you will be expected to enroll in a minimum of 12 competency units each term. Graduate students are expected to enroll in a minimum of 8 competency units each term. A standard plan for a student for this program who entered WGU without any transfer units would look similar to the one on the following page. Your personal progress can be faster, but your pace will be determined by the extent of your transfer units, your time commitment, and your determination to proceed at a faster rate.

Standard Path for Bachelor of Science Supply Chain and Operations Management

Course Description	CUs	Term
Organizational Behavior	3	1
Fundamentals for Success in Business	3	1
Fundamentals of Spreadsheets and Data Presentations	3	1
Discovering Data	3	1
Project Management	3	2
Composition: Writing with a Strategy	3	2
Principles of Management	4	2
Global Arts and Humanities	3	2
Business Environment Applications I: Business Structures and Legal Environment	2	3
Applied Probability and Statistics	3	3
Exploring Data	3	3
Health, Fitness, and Wellness	4	3
Emotional and Cultural Intelligence	3	4
Analyzing and Visualizing Data	3	4
Introduction to Sociology	3	4
Principles of Financial and Managerial Accounting	3	4
Introduction to Communication: Connecting with Others	3	5
Data Applications	3	5
Principles of Economics	3	5
Business Ethics	3	5
Integrated Physical Sciences	3	6
Managing Operations	3	6
Finance Skills for Managers	3	6
Values-Based Leadership	3	6
Change Management	3	7
Managing in a Global Business Environment	3	7
Transportation, Logistics, and Distribution	3	7
Applied Algebra	3	7
US History: Stories of American Democracy	3	8
Business Simulation	4	8
Global Supply Chain Management	3	8
Quality, Continuous Improvement, and Lean Six Sigma	3	8
Critical Thinking: Reason and Evidence	3	9
21st Century Operations and Supply Chain	3	9

Course Description	CUs	Term
Design Thinking for Business	3	9
Solutions Design and Visualization Capstone	3	9

Changes to Curriculum

WGU publishes an Institutional Catalog, which describes the academic requirements of each degree program. Although students are required to complete the program version current at the time of their enrollment, WGU may modify requirements and course offerings within that version of the program to maintain the currency and relevance of WGU's competencies and programs. When program requirements are updated, students readmitting after withdrawal from the university will be expected to re-enter into the most current catalog version of the program.

Areas of Study for Bachelor of Science Supply Chain and Operations Management

The following section includes the areas of study in the program, with their associated courses. Your specific learning resources and level of instructional support will vary based on the individual competencies you bring to the program and your confidence in developing the knowledge, skills, and abilities required in each area of the degree. The Degree Plan and learning resources are dynamic, so you need to review your Degree Plan and seek the advice of your mentor regarding the resources before you purchase them.

Business Management

Organizational Behavior

Organizational Behavior and Leadership explores how to lead and manage effectively in diverse business environments. Students are asked to demonstrate the ability to apply organizational leadership theories and management strategies in a series of scenario-based problems.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate can describe the effects of specified influences on individual behavior.*
- *The graduate can recommend appropriate principles or techniques for guiding the development of a group.*
- *The graduate can determine which type of team and team leadership should be used to accomplish a task or project.*
- *The graduate analyzes the culture within an organization to determine how to work effectively within that organization.*
- *The graduate can analyze leadership theories, methods, and tools in given situations and select the appropriate behavior of the leader.*
- *The graduate can develop and recommend how to implement effective performance evaluation processes.*

Project Management

Project Management prepares you to manage projects from start to finish within any organization structure. The course represents a view into different project-management methods and delves into topics such as project profiling and phases, constraints, building the project team, scheduling, and risk. You will be able to grasp the full scope of projects you may work with on in the future, and apply proper management approaches to complete a project. The course features practice in each of the project phases as you learn how to strategically apply project-management tools and techniques to help organizations achieve their goals.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate explains how project management helps organizations achieve their goals.*
- *The graduate describes the project life cycle, including how project constraints will impact a project.*
- *The graduate explains the criteria and methods used for project selection.*
- *The graduate explains how different types of project-management methods are used.*
- *The graduate applies elements of project planning to prepare key documents of a project plan.*
- *The graduate constructs a project scheduling network diagram including the identification of the critical path.*
- *The graduate explains key activities for executing, monitoring and controlling, and closing projects.*

Business Ethics

Business Ethics is designed to enable students to identify the ethical and socially responsible courses of action available through the exploration of various scenarios in business. Students will also learn to develop appropriate ethics guidelines for a business. This course has no prerequisites.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate analyzes ethical and socially responsible courses of action in a given business situation.*
- *The graduate analyzes ethical considerations that shape business leadership.*
- *The graduate applies ethical principles to employment.*
- *The graduate applies ethical principles to environmental concerns confronting business.*
- *The graduate applies ethical principles to international business.*
- *The graduate evaluates ethical policies in a given business scenario.*

Values-Based Leadership

Values-Based Leadership guides students to learn by reflection, design, and scenario planning. Through a combination of theory, reflection, value alignment, and practice, the course helps students examine and understand values-based leadership and explore foundations in creating a culture of care. In this course, students are given the opportunity to identify and define their personal values through an assessment and reflection process. Students then evaluate business cases to practice mapping the influence of values on their own leadership. In this course, students also participate in scenario planning, where they can practice implementing their values in their daily routine (i.e., behaviors) and then in a leadership setting. The course illustrates how values-driven leadership is used in goal setting as well as problem-solving at an organizational level. There are no prerequisites for this course.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner identifies their personal values, including honesty, integrity, respect, emotional intelligence, and ethical responsibility, to develop self-awareness through self-assessment.*
- *The learner describes how interpersonal skills are applied to effectively collaborate, communicate, and lead within a team and across an organization.*
- *The learner demonstrates how their leadership abilities, including active listening, influence, and ethical responsibility, solve problems and deliver results within an organization.*
- *The learner explains how the leadership of cultures fosters diversity, inclusion, ethics, and problem-solving.*

Change Management

Change Management provides an understanding of change and an overview of successfully managing change using various methods and tools. Emphasizing change theories and various best practices, this course covers how to recognize and implement change using an array of other effective strategies, including those related to innovation and leadership. Other topics include approaches to change, diagnosing and planning for change, implementing change, and sustaining change.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate summarizes the theories related to change management.*
- *The graduate explains how organizations diagnose the need for change and the approaches for implementing change.*
- *The graduate describes different innovation strategies and the role leaders play in innovation.*
- *The graduate explains the various approaches to implementing change and the roles that leaders and other stakeholders fulfill.*
- *The graduate explains the strategies, principles, roles, and models for sustaining change.*
- *The graduate explains how learning organizations develop and how learning organizations and traditional organizations approach change differently.*

Business Core

Fundamentals for Success in Business

This introductory course provides students with an overview of the field of business and a basic understanding of how management, organizational structure, communication, and leadership styles affect the business environment. It also introduces them to some of the power skills that help make successful business professionals, including time management, problem solving, emotional intelligence and innovation; while also teaching them the importance of ethics. This course gives students an opportunity to begin to explore their own strengths and passions in relation to the field while also acclimating them to the online competency-based environment.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate identifies common ethical issues that individuals face within organizations.*
- *The graduate recognizes common organizational functions and values in order to collaborate within them.*
- *The graduate communicates ideas, opinions, and information suitable for a professional setting.*
- *The graduate recognizes the emotional reactions of self and others in a variety of professional situations.*
- *The graduate identifies leadership opportunities to enhance organizational performance.*

Fundamentals of Spreadsheets and Data Presentations

Fundamentals of Spreadsheets and Data Presentations offers learners an overview of the use of spreadsheet functions and methods for presenting data within spreadsheets. Learners will have the opportunity to explore features and uses of MS Excel and apply the tools to situations they may encounter while studying in their program. They will also be introduced to real world uses and tools to collect, organize and present data.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner performs common spreadsheet tasks requiring basic formatting, formulas, and functions.*
- *The learner prepares data for analysis.*
- *The learner creates a presentation from a spreadsheet dataset.*

Principles of Management

Principles of Management provides students with an introductory look at the discipline of management and its context within the business environment. Students of this course build on previously mastered competencies by taking a more in-depth look at management as a discipline and how it differs from leadership while further exploring the importance of communication within business. This course provides students with a business generalist overview in the areas of strategic planning, total quality, entrepreneurship, conflict and change, human resource management, diversity, and organizational structure.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate can explain the strategic planning process.*
- *The graduate can describe how to establish a total quality management program in a product operation and in a service operation.*
- *The graduate can describe how to establish and promote an entrepreneurial emphasis within an organization.*
- *The graduate can recommend effective techniques for managing conflict and change.*
- *The graduate can correctly apply principles of human resource management in a given situation.*
- *The graduate responds appropriately to diversity issues in the workplace.*
- *The graduate can recommend an organizational structure to match a given organization's situation.*

Business Environment Applications I: Business Structures and Legal Environment

Business Environment Applications 1 provides students with a generalist overview of the business environment and a

deeper look at a number of topics that make up the non-discipline areas of business which are required for a business person to be successful within any business environment. The first part of the course focuses on knowledge about organizations and how people operate within organizations, including the areas of organizational theory, structure, and effectiveness. The course then looks at business from a legal perspective with an overview of the legal environment of business. The course will prepare the student to consider specific legal situations and to make legal and ethical decisions related to those situations.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate explains how the structure of an organization impacts its effectiveness in the context of critical circumstances.*
- *The graduate describes common legal considerations for the creation and operation of a business operation.*

Emotional and Cultural Intelligence

Emotional and Cultural Intelligence focuses on key personal awareness skills that businesses request when hiring personnel. Key among those abilities is communication. Students will increase their skills in written, verbal, and nonverbal communication skills. The course then looks at three areas of personal awareness including emotional intelligence (EI), cultural awareness, and ethical self-awareness – building on previously acquired competencies and adding new ones. This course helps start students on a road of self-discovery, cultivating awareness to improve both as a business professional and personally.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate applies emotional intelligence (EI) to improve intrapersonal and interpersonal interactions.*
- *The graduate demonstrates cultural intelligence (CI) within multicultural and contemporary business situations.*

Principles of Financial and Managerial Accounting

Principles of Financial and Managerial Accounting provides students with an introduction to the discipline of accounting and its context within the business environment. In this course, students will learn to differentiate between financial, cost, and managerial accounting and where these accounting types fit into the business environment. This course will help students gain a fundamental knowledge of the budgeting process, how to analyze basic financial statements, and how to use spreadsheets to analyze data. This course provides students with a business generalist overview of the field of accounting and acts as a preview course for the accounting major.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate identifies the role of accounting information and the purpose of the accounting cycle in decision-making.*
- *The graduate explains how financial statements assist decision-making.*
- *The graduate determines the elements and processes involved in managing a company's cash flows and operating cycle.*
- *The graduate explains how controlling costs and profits affects an organization.*
- *The graduate explains how managerial cost information assists internal decision-making.*
- *The graduate explains how various costing methodologies assist internal decision-making.*

Principles of Economics

Principles of Economics provides students with the knowledge they need to be successful managers, including basic economic theories related to markets and how markets function. This course starts by defining economics, differentiating between microeconomics and macroeconomics, and explaining the fundamental economic principles of each. It then looks at microeconomics and how it is used to make business and public policy decisions, including the principles of supply, demand, and elasticity, market efficiency, cost of production, and different market structures. The course finishes by looking at macroeconomics and how it is used to make business and public policy decisions, including measurement of macroeconomic variables, aggregate supply and demand, the concepts of an open economy, and how trade policies influence domestic and international markets.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate explains fundamental economic principles used in microeconomics and macroeconomics.*
- *The graduate explains concepts in microeconomics used in business and public policy decisions.*
- *The graduate explains concepts in macroeconomics used in business and public policy decisions.*

Finance Skills for Managers

This course provides students with an introductory look at the discipline of finance and its context within the business environment. Students gain the knowledge to differentiate between personal and business finance and how they may overlap in a business environment. Students also gain a fundamental knowledge of financial forecasting and budgeting, statement analysis, and decision making. This course provides the student a business generalist overview of the field of finance and builds on previous acquired competencies related to using spreadsheets.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate identifies the systems, structure, roles, and impact of finance in the business environment.*
- *The graduate utilizes interest rates, time value of money, and risk and return principles to inform financial business decisions.*
- *The graduate uses financial statements to determine the health of a business organization.*
- *The graduate identifies how financial forecasting and budgeting helps individuals and organizations plan for future financial needs.*
- *The graduate utilizes the appropriate financial tools and techniques to inform limited financial investment decisions.*

Managing in a Global Business Environment

Managing in a Global Business Environment provides students with a generalist overview of business from a global perspective, while also developing basic skills and knowledge to help them make strategic decisions, communicate, and develop personal relationships in a global environment. Business today is by its very nature a global environment, and individuals working in business will experience the global nature of business as they progress through their careers. This course builds on previously acquired competencies by providing an overview of U.S. federal laws in relation to doing business in a global environment.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate defines globalization and its major driving forces.*
- *The graduate describes the regulatory and ethical aspects of global business.*
- *The graduate compares the effectiveness of business strategies in the global business environment.*
- *The graduate describes how financial and operational practices influence global business.*
- *The graduate describes technologies and trends in the global business environment.*

Business Simulation

This course ties together all the skills and knowledge covered in the business courses and allows the student to prove their mastery of the competencies by applying them in a simulated business environment. This course will help take the student's knowledge and skills from the theoretical to applicable.

This course covers the following competencies:

- *The graduate applies the competencies from across the business core curriculum, demonstrating the ability to lead the implementation of the mission, strategy, and goals of an organization.*

Business

Discovering Data

Discovering Data introduces analytical concepts, processes, and tools used in the field of business analytics. This course explores the importance of asking effective questions to collect the right data. Students will examine using analytical thinking to organize, analyze, and share data to drive decision-making. This course provides students the opportunity to work toward the Google Data Analytics Professional Certificate and the WGU Business Analysis Certificate. Introduction to Spreadsheets is a prerequisite for this course.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner describes the role of analytical thinking in decision-making.*
- *The learner describes key analytical concepts, processes, and tools for data analysis.*
- *The learner explains how to ask effective questions to address problems.*
- *The learner explains how data can be organized, analyzed, and shared to drive the decision-making process.*
- *The learner describes the role of effective communication when collaborating with teams and stakeholders to address problems.*

Exploring Data

Exploring Data builds proficiency with data, including the organization, preparation, transformation, cleaning, and verification of data. This course examines how to apply critical thinking, spreadsheet, and structured query language techniques to data management and decision-making. Students may simultaneously work toward the Google Data Analytics Professional Certificate and the WGU Business Analysis Certificate. The course D468: Discovering Data, which also includes Google certificate materials, is a prerequisite.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner explains key data structures, types, formats, and integrity in data collection.*
- *The learner describes best practices for preparing data for analysis in spreadsheets and databases with SQL.*
- *The learner explains data cleaning and verification processes using spreadsheet techniques and SQL queries and functions.*

Analyzing and Visualizing Data

Analyzing and Visualizing Data examines the principles and techniques used to effectively analyze data to answer questions and share data through the art of visualization. This course explores how to use formulas and functions to perform calculations, how to design and create visualizations and dashboards in Tableau, and how to build an effective data presentation that considers limitations associated with the data and best practices for audience considerations. This course provides students with an opportunity to demonstrate an understanding of what is involved in the conversion and formatting of data and apply the use of functions and syntax to create SQL queries for combining data from multiple database tables. The course D467: Exploring Data, which also includes Google certificate materials, is a prerequisite.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner demonstrates how to support arguments through data visualizations.*
- *The learner constructs visualizations using business intelligence from a variety of datasets.*
- *The learner explains data visualization techniques for effective storytelling.*
- *The learner presents to stakeholders using effective data presentation best practices.*

Data Applications

Data Applications examines the principles and techniques used to effectively analyze data to answer questions and provides foundational knowledge of R and RStudio environments. This course teaches students how to aggregate; how to format and adjust data using spreadsheets and SQL; how to use formulas and functions to perform calculations in SQL; how to organize, transform, clean, and analyze data in R; and how to create visualizations in R Markdown. Upon completion of this

course, students will earn the WGU Business Analysis Professional certificate and may also choose to earn the Google Data Analytics Professional certificate.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner explains processes for organizing, formatting, and adjusting data for analysis.*
- *The learner explains processes for aggregating data in SQL and spreadsheets, using formulas and functions.*
- *The learner explains how to set up an R environment using RStudio.*
- *The learner identifies the R programming techniques used to clean, organize, analyze, and visualize data.*
- *The learner explains post-analysis tasks using R and R Markdown.*

Managing Operations

Managing Operations examines management systems and processes to improve operating efficiency. In this course, students will be introduced to operations management concepts and will learn how analysis of these systems and processes can improve operating efficiency across the organization. Students will explore ethical and sustainable operations management strategies and will analyze operating processes for continuous improvement.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner describes how operations management processes support business functions.*
- *The learner analyzes management systems and processes in operations management.*
- *The learner analyzes the supply chain in operations management.*
- *The learner describes ethical and sustainable strategies in operating models.*
- *The learner describes processes to improve operating efficiency and foster continuous improvement.*

Transportation, Logistics, and Distribution

Transportation, Logistics, and Distribution examines logistics and the planning and management of transportation and distribution. This course introduces requirements and risks, facilities and inventory, strategy and supply chain synchronicity, efficiencies and costs, and laws and regulations related to transportation, distribution, and logistics. Students will explore warehousing and warehouse management, inventory and logistics management, distribution, and supply chain management from the lens of transportation, logistics, and distribution. This course is aligned with the Certified in Logistics, Transportation, and Distribution (CLTD) certification from the Association for Supply Chain Management.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner describes key elements of distribution, logistics, and transportation management.*
- *The learner identifies laws and regulations within operations and supply chains with respect to transportation, logistics, and distribution.*
- *The learner explains how Total Cost of Ownership (TCO) management affects operations.*
- *The learner describes key elements of distribution and warehouse management.*

Global Supply Chain Management

Global Supply Chain Management introduces a broad range of supply chain management concepts. Students consider supply chains and supply chain management strategies, including planning and design, risk management, and global and sustainable supply chain networks and management. Students learn about managing important relationships and their interdependencies. Students also investigate how supply chain costs affect consumers, quality and continuous improvement, and the role of the sales and operations planning (S&OP) process.

Portions of this course are aligned with aspects of ASCM APICS certification programs, namely the CSCP and the CPIM.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner describes concepts of supply chain management and supply chain risk management.*
- *The learner describes the management of relationships, distribution, logistics, sourcing, and transportation within the supply chain.*
- *The learner explains how the supply chain affects consumers.*
- *The learner explains the role of the Sales and Operations Planning (S&OP) process in Operations and Supply Chain Management.*

Quality, Continuous Improvement, and Lean Six Sigma

Quality, Continuous Improvement, and Lean Six Sigma examines how organizations can measure and improve the quality of products, goods, and services. Students consider different dimensions and characteristics of quality and are introduced to a variety of strategies and tools that are used to manage quality and measure performance. This course explores how to apply continuous improvement processes by analyzing the Lean Six Sigma DMAIC (define, measure, analyze, improve, and control) method. C955: Applied Probability and Statistics is a prerequisite for this course.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner explains appropriate quality management strategies for continuous improvement in an organization.*
- *The learner applies quality management principles and strategies for continuous improvement in an organization.*

21st Century Operations and Supply Chain

21st Century Operations and Supply Chain explores modern issues in supply chain management. Building on the supply chain landscape introduced in prior courses, this course addresses more complex supply chain and operations issues. The course examines how disruptions transform operations and the supply chain and how to use qualitative and quantitative data to evaluate solutions.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner explains how disruptions transform operations and supply chain.*
- *The learner evaluates solutions to operational problems based on relevant qualitative and quantitative data.*

Solutions Design and Visualization Capstone

Solution Design and Visualization Capstone guides learners to synthesize and apply the skills learned throughout their business analytics, operations, and supply chain education. This course gives learners the opportunity to solve challenges in procurement, sales and operations planning (S&OP) processes, distribution, logistics and transportation faced by a fictional company. In the course capstone project, learners play the role of an operations and supply chain manager or consultant, redesigning the existing supply chain to implement lean processes and using Six Sigma methodology to improve efficiency and allow the company to bring new products or services to market faster. Learners in this course address a real operations and supply chain problem and design solutions, which they communicate in a report and a presentation. At the end of the course, learners will have an authentic experience they can add to their portfolio and show employers. Working through this capstone helps learners to understand how their knowledge interacts with real situations and how roles fit within the industry. The D472: 21st Century Operations and Supply Chain course is a prerequisite.

This course covers the following competencies:

- *The learner synthesizes business analytics, operations, and supply chain management skills to solve business problems.*

General Education

Composition: Writing with a Strategy

Welcome to Composition: Writing with a Strategy! In this course, you will focus on three main topics: understanding purpose, context, and audience, writing strategies and techniques, and editing and revising. In addition, the first section, will

offer review on core elements of the writing process, cross-cultural communication, as well as working with words and common standards and practices.

Each section includes learning opportunities through readings, videos, audio, and other relevant resources. Assessment activities with feedback also provide opportunities to check your learning, practice, and show how well you understand course content. Because the course is self-paced, you may move through the material as quickly or as slowly as you need to gain proficiency in the seven competencies that will be covered in the final assessment. If you have no prior knowledge or experience, you can expect to spend 30-40 hours on the course content.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The individual writes with purpose for a given context and target audience.*
- *The individual incorporates writing strategies and techniques for written communication.*
- *The individual constructs a written document with correct format, style, structure, and grammar.*
- *The individual formulates a strategy for editing and revising written text.*
- *The individual composes constructive feedback of written texts.*

Global Arts and Humanities

This is a Global Arts and Humanities course that contains three modules with corresponding lessons. This course is an invitation to see the world through the humanities, examine the humanities during the Information Age, and explore the global origins of music—essentially questioning what makes us human, and how people are connected across culture and time. Each module includes learning opportunities through readings, videos, audio, and other relevant resources. Assessment activities with feedback also provide opportunities to practice and check learning. With no prior knowledge or experience, a learner can expect to spend 30-40 hours on the course content.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner analyzes diverse voices, ideas, perspectives, and cultural interactions through the lens of the humanities.*
- *The learner analyzes the humanities during the Information Age.*
- *The learner analyzes how music shapes and is shaped by diverse cultures and perspectives.*

Applied Probability and Statistics

Applied Probability and Statistics is designed to help students develop competence in the fundamental concepts of basic statistics including: introductory algebra and graphing; descriptive statistics; regression and correlation; and probability. Statistical data and probability are often used in everyday life, science, business, information technology, and educational settings to make informed decisions about the validity of studies and the effect of data on decisions. This course discusses what constitutes sound research design and how to appropriately model phenomena using statistical data. Additionally, the content covers simple probability calculations, based on events that occur in the business and IT industries. No prerequisites are required for this course.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate applies the operations, processes, and procedures of fractions, decimals, and percentages to evaluate quantitative expressions.*
- *The graduate applies the operations, processes, and procedures of basic algebra to evaluate quantitative expressions, and to solve equations and inequalities.*
- *The graduate evaluates categorical and quantitative data pertaining to a single variable using appropriate graphical displays and numerical measures.*
- *The graduate evaluates the relationship between two variables through interpretation of visual displays and numerical measures.*
- *The graduate evaluates the relationship between two quantitative variables through correlation and regression.*
- *The graduate applies principles and methods of probability-based mathematics to explain and solve problems.*

Health, Fitness, and Wellness

Health, Fitness, and Wellness focuses on the importance and foundations of good health and physical fitness—particularly for children and adolescents—addressing health, nutrition, fitness, and substance use and abuse.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate identifies the influence of disease, fitness, and lifestyle on the body.*
- *The graduate identifies the principles of nutrition and the components of a healthy diet.*
- *The graduate identifies factors that influence mental, emotional, and social wellness.*
- *The graduate identifies the application of the core competencies of social and emotional learning.*

Introduction to Sociology

This course teaches students to think like sociologists, or, in other words, to see and understand the hidden rules, or norms, by which people live, and how they free or restrain behavior. Students will learn about socializing institutions, such as schools and families, as well as workplace organizations and governments. Participants will also learn how people deviate from the rules by challenging norms and how such behavior may result in social change, either on a large scale or within small groups.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The graduate explains how societies are stratified across various social statuses.*
- *The graduate explains reciprocal relationships between social institutions and individuals.*
- *The graduate explains major perspectives and key contributors to the development of sociology.*
- *The graduate identifies components of culture and socialization as they relate to individuals in society.*
- *The graduate explains the constructs of conformity to and deviance from social norms.*

Introduction to Communication: Connecting with Others

Welcome to Introduction to Communication: Connecting with Others! It may seem like common knowledge that communication skills are important, and that communicating with others is inescapable in our everyday lives. While this may appear simplistic, the study of communication is actually complex, dynamic, and multifaceted. Strong communication skills are invaluable to strengthening a multitude of aspects of life. Specifically, this course will focus on communication in the professional setting, and present material from multiple vantage points, including communicating with others in a variety of contexts, across situations, and with diverse populations. Upon completion, you will have a deeper understanding of both your own and others' communication behaviors, and a toolbox of effective behaviors to enhance your experience in the workplace.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner implements appropriate communication styles based on audience and setting.*
- *The learner uses communication strategies for managing conflict.*
- *The learner uses communication strategies to influence others.*

Integrated Physical Sciences

This course provides students with an overview of the basic principles and unifying ideas of the physical sciences: physics, chemistry, and earth sciences. Course materials focus on scientific reasoning and practical, everyday applications of physical science concepts to help students integrate conceptual knowledge with practical skills.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*

- *The learner describes the nature and process of science.*
- *The learner examines applications of physics including fundamental concepts such as forces, motion, energy, and waves.*
- *The learner examines applications of key chemistry concepts including the structure of matter and the behavior and conservation of matter in chemical reactions.*
- *The learner describes the underlying organization, interactions, and processes within the Earth system including the Earth's structure and atmosphere, and Earth's interactions within the solar system.*

Applied Algebra

Applied Algebra is designed to help you develop competence in working with functions, the algebra of functions, and using some applied properties of functions. You will start learning about how we can apply different kinds of functions to relevant, real-life examples. From there, the algebra of several families of functions will be explored, including linear, polynomial, exponential, and logistic functions. You will also learn about relevant, applicable mathematical properties of each family of functions, including rate of change, concavity, maximizing/minimizing, and asymptotes. These properties will be used to solve problems related to your major and make sense of everyday living problems. Students should complete Applied Probability and Statistics or its equivalent prior to engaging in Applied Algebra.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner interprets the real-world meaning of various functions based on notation, graphical representations, and data representations.*
- *The learner applies linear functions and their properties to real-world problems.*
- *The learner applies polynomial functions and their properties to real-world problems.*
- *The learner applies exponential functions and their properties to real-world problems.*
- *The learner applies logistic functions and their properties to real-world problems.*
- *The learner analyzes graphical depictions of real-world situations using functional properties.*
- *The learner verifies the validity of a given model.*

US History: Stories of American Democracy

This course presents a broad survey of U.S. history from early colonization to the mid-twentieth century. The course explores how historical events and major themes in American history have affected diverse populations, influenced changes in policy an established the American definition of democracy. This course consists of an introduction and five major sections. Each section includes learning opportunities through reading, images, videos, and other relevant resources. Assessment activities with feedback also provide opportunities to practice and check how well you understand the content. Because the course is self-paced, you may move through the material as quickly or as slowly as you need to, with the goal of demonstrating proficiency in the five competencies covered in the final assessment. If you have no prior knowledge of this material, you can expect to spend 30-40 hours on the course content.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner analyzes secondary sources to understand events and processes in American History.*
- *The learner analyzes primary sources to understand events or processes in American history.*
- *The learner explains the effect of the actions of individuals in U.S. History.*
- *The learner explains the effect of institutions on society.*
- *The learner describes how economic, political, and social factors affect communities*

Critical Thinking: Reason and Evidence

In this course you will learn key critical thinking concepts and how to apply them in the analysis and evaluation of reasons and evidence. The course examines the basic components of an argument, the credibility of evidence sources, the impact of bias, and how to construct an argument that provides good support for a claim. The course consists of an introduction and four major sections. Each section includes learning opportunities through readings, videos, audio, and other relevant

resources. Assessment activities with feedback also provide opportunities to check your learning, practice, and show how well you understand course content. Because the course is self-paced, you may move through the material as quickly or as slowly as you need to gain proficiency in the four competencies that will be covered in the final assessment. If you have no prior knowledge or experience, you can expect to spend 30-40 hours on the course content.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner evaluates the quality of an argument.*
- *The learner evaluates evidence based on source credibility.*
- *The learner evaluates bias and its impact.*
- *The learner makes claims based on evidence.*

Design Thinking for Business

Design Thinking for Business examines the design thinking methodology for solving complex problems. This course introduces students to design thinking as a human-centered approach to problem-solving and innovation that draws upon empathy and creativity to develop solutions to complex problems. Students will explore the principles and stages of design thinking and analyze the use of design thinking in developing solutions through real-world scenarios.

This course covers the following competencies:

- *Begin your course by discussing your course planning tool report with your instructor and creating your personalized course plan together.*
- *The learner describes the role of design thinking in problem solving.*
- *The learner analyzes problems and solutions using design thinking methodology.*
- *The learner proposes a solution to a complex problem using design thinking.*

Accessibility and Accommodations

Western Governors University is committed to providing equal access to its academic programs to all qualified students. WGU's Accessibility Services team supports this mission by providing support, resources, advocacy, collaboration, and academic accommodations for students with disabilities and other qualifying conditions under the Americans with Disabilities Act (ADA). WGU encourages student to complete the Accommodation Request Form as soon as they become aware of the need for an accommodation. Current and prospective students can reach the Accessibility Services team Monday through Friday 8:00 a.m. to 5:00 p.m. MST at 1-877-HELP-WGU (877-435-7948) x5922 or at ADASupport@wgu.edu.

Need More Information? WGU Student Services

WGU's Student Services team is dedicated exclusively to helping you achieve your academic goals. The Student Services office is available during extended hours to assist with general questions and requests. The Student Services team members help you resolve issues, listen to student issues and concerns, and make recommendations for improving policy and practice based on student feedback.

Student Services team members also assist with unresolved concerns to find equitable resolutions. To contact the Student Services team, please feel free to call 877-435-7948 or e-mail studentservices@wgu.edu. We are available Monday through Friday from 6:00 a.m. to 10:00 p.m., Saturday from 7:00 a.m. to 7:00 p.m., mountain standard time. Closed Sundays.

If you have inquiries or concerns that require technical support, please contact the WGU IT Service Desk. The IT Service Desk is available Monday through Friday, 6:00 a.m. to 10:00 p.m. and Saturday and Sunday, 10:00 a.m. to 7:00 p.m., mountain standard time. To contact the IT Service Desk, please call 1-877-HELP-WGU (877-435-7948) or e-mail servicedesk@wgu.edu. The support teams are generally closed in observance of university holidays.

For the most current information regarding WGU support services, please visit "Student Support" on the Student Portal at <http://my.wgu.edu>.