Missouri Higher Education Core Transfer Curriculum

UPDATED January 8, 2018

Missouri Higher Education Core Curriculum Transfer Act

The Missouri Higher Education Core Transfer Curriculum is a recommended lower-division core curriculum of forty-two semester credit hours intended to facilitate student transfer among Missouri's public institutions of higher education. All public colleges and universities have adopted the Core Transfer Curriculum, which is commonly known as CORE 42.

CORE 42 is a statewide general education course of study intended to ensure that all graduates possess a common core of college-level skills and knowledge. CORE 42 specifies the basic competencies and knowledge areas that all students completing degrees at a Missouri public institution of higher education must complete. CORE 42 is comprised of dozens of courses distributed across five knowledge areas. These courses are designated with a Missouri Transfer (MOTR) course number, which guarantees the one-to-one transfer of these courses among all Missouri public institutions of higher education.

Types of Transfer

1. Students who complete the Associate of Arts degree at a Missouri community college and transfers to a Missouri public university shall have completed all lower-division general education requirements at the receiving institution. Students shall receive full credit, including any prerequisites or requirements in the major, for all MOTR courses transferred. The receiving institution cannot require the student take any additional lower-division general education courses. The student may, however, have to take additional lower-division courses to fulfill program or institutional requirements.

2. Students who complete the CORE 42 at any public institution shall be considered as having completed all lower-division general education requirements at a receiving institution. Students shall receive full credit, including any prerequisites or requirements in the major, for all MOTR courses transferred. The receiving institution cannot require the student take any additional lower-division general education courses. The student may, however, have to take additional lower-division courses to fulfill program or institutional requirements.

3. Students who do not complete either the Associate of Arts or the CORE 42 shall receive credit at a receiving institution for each MOTR course completed at a sending institution. Students shall receive full credit, including any prerequisites or requirements in the major, for all MOTR courses transferred. After receiving credit for MOTR courses, the student shall complete the CORE 42 at the receiving institution.

CORE 42

Content, Component Areas, and Objectives

General education is the curricular foundation of Missouri institutions of higher learning. It equips students with the intellectual tools, knowledge, and creative capabilities to engage in today's globally interconnected and rapidly changing world. Regardless of major, career plans, or personal goals, all Missouri graduates should excel in the essential skills of oral and written communication, critical thinking, information management and quantitative and qualitative analysis. Through general education, Missouri institutions foster student success in their specialized areas of study and toward rewarding lives as educated persons, active citizens, and effective contributors to their own prosperity and to the general welfare of the world in which they live.

The framework for Missouri's CORE 42 is designed for students to obtain the basic competencies of Valuing, Managing Information, Communicating, and Higher-Order Thinking through the completion of at least 42-semester hours distributed across the broad Knowledge Areas of Communications, Humanities & Fine Arts, Natural & Mathematical Sciences, and Social & Behavioral Sciences. The basic competencies are achieved through completion of the CORE 42 in its entirety.

CORE 42: Basic Competencies

Valuing

Valuing is the ability to understand the moral and ethical values of a diverse society, and to understand that many courses of action are guided by value judgments about the way things ought to be. Students should recognize how values develop, how value judgments influence actions, and how informed decision-making can be improved through the consideration of personal values as well as the values of others. They should be able to make informed decisions through the identification of personal values and the values of others and through an understanding how such values develop. They should be able to analyze the ethical implications of choices made on the basis of these values.

Managing Information

Managing Information is ability to locate, organize, store, retrieve, evaluate, synthesize, and annotate information from print, electronic, and other sources in preparation for solving problems and making informed decisions. Through the effective management of information, students should be able to design, evaluate, and implement a strategy to answer an open-ended question or achieve a desired goal.

Communicating

Communicating is the development of students' ability to communicate effectively through oral, written, and digital channels using the English language, quantitative, and other symbolic systems. Students should be able to write and speak with thoughtfulness, clarity, coherence, and persuasiveness; read and listen critically; and select channels appropriate to the audience and message.

Written communication is the development and expression of ideas in writing. Written communication involves learning to work in many genres and styles. It can involve working with many different writing technologies, and mixing texts, data, and images. Written communication abilities develop through iterative experiences across the curriculum.

Oral communication is a prepared, purposeful presentation designed to increase knowledge, to foster understanding, or to promote change in the listeners' attitudes, values, beliefs, or behaviors. Oral communication takes many forms.

Higher Order Thinking

Higher Order Thinking is the development of students' ability to distinguish among opinions, facts, and inferences; to identify underlying or implicit assumptions; to make informed judgments; to solve problems by applying evaluative standards; and demonstrate the ability to reflect upon and refine those problem-solving skills. This involves creative thinking, critical thinking, and quantitative literacy.

Creative thinking is both the capacity to combine or synthesize existing ideas, images, or expertise in original ways and the experience of thinking, reacting, and working in an imaginative way characterized by a high degree of innovation, divergent thinking, and risk taking. Creative thinking, as it is fostered within higher education, must be distinguished from less focused types of creativity such as, for example, the creativity exhibited by a small child's drawing, which stems not from an understanding of connections, but from an ignorance of boundaries. While demonstrating solid knowledge of the domain's parameters, the creative thinker, at the highest levels of performance, pushes beyond those boundaries in new, unique, or atypical recombinations, uncovering or critically perceiving new syntheses and using or recognizing creative risk-taking to achieve a solution.

Critical thinking is a habit of mind characterized by the comprehensive exploration of issues, ideas, artifacts, and events before accepting or formulating an opinion or conclusion. Critical thinking is transdisciplinary, and success in all disciplines requires habits of inquiry and analysis that share common attributes. Successful critical thinkers from all disciplines increasingly need to be able to apply those habits in various and changing situations encountered in all walks of life.

Quantitative Literacy (QL) is a "habit of mind," competency, and comfort in working with numerical data. Individuals with strong QL skills possess the ability to reason and solve quantitative problems from a wide array of authentic contexts and everyday life situations. They understand and can create sophisticated arguments supported by quantitative evidence and they can clearly communicate those arguments in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate).

Objectives: Valuing

After completing the CORE 42, students shall demonstrate the ability to

- develop an understand the moral and ethical values of a diverse society;
- develop the ability to analyze the ethical implications of actions and decisions;
- compare and contrast historical and cultural ethical perspectives and belief systems.
- utilize cultural, behavioral, and historical knowledge to clarify and articulate a personal value system.
- recognize the ramifications of one's value decisions on self and others.
- recognize conflicts within and between value systems and recognize and analyze ethical issues as they arise in a variety of contexts.

- consider multiple perspectives, recognize biases, deal with ambiguity, and take a reasonable position.

Objectives: Managing Information

After completing the CORE 42, students shall demonstrate the ability to

- locate, organize, store, retrieve, evaluate, synthesize, and annotate information from print, electronic, and other sources in preparation for solving problems and making informed decisions.
- access and generate information from a variety of sources, including the most contemporary technological information services.
- evaluate information for its currency, usefulness, truthfulness, and accuracy.
- organize, store, and retrieve information efficiently.
- reorganize information for an intended purpose, such as research projects.
- present information clearly and concisely, using traditional and contemporary technologies.

Objectives: Communicating

After completing the CORE 42, students shall demonstrate the ability to

- analyze and evaluate their own and others' speaking and writing.
- conceive of writing as a recursive process that involves many strategies, including generating material, evaluating sources when used, drafting, revising, and editing.
- make formal written and oral presentations employing correct diction, syntax, usage, grammar, and mechanics.
- focus on a purpose (e.g., explaining, problem solving, argument) and vary approaches to writing and speaking based on that purpose.
- respond to the needs of different venues and audiences and choose words for appropriateness and effect.
- communicate effectively in groups by listening, reflecting, and responding appropriately and in context.
- use mathematical and statistical models, standard quantitative symbols, and various graphical tactics to present information with clarity, accuracy, and precision.

Objectives: Higher Order Thinking

After completing the CORE 42, students shall demonstrate the ability to

- recognize the problematic elements of presentations of information and argument and to formulate diagnostic questions for resolving issues and solving problems.
- use linguistic, mathematical or other symbolic approaches to describe problems, identify alternative solutions, and make reasoned choices among those solutions.
- analyze and synthesize information from a variety of sources and apply the results to resolving complex situations and problems.
- defend conclusions using relevant evidence and reasoned argument.
- reflect on and evaluate their critical-thinking processes.

CORE 42

Complete at least 42 credit hours, distributed among the Knowledge Areas listed below

Knowledge Areas

Social & Behavioral Sciences		Written Communications Oral Communications		Natural Sciences		Mathematical Sciences	Humanities and Fine Arts
9 credits minimum, including at least one Civics course		6 credit hours minimum	3 credit hours minimum	7 credit hours minimum from at least 2 disciplines, including one course with a lab component Non-lab courses	Lab courses	3 credit hours minimum	9 credit hours minimum, from at least 2 disciplines
MOTR ECON 101 MOTR ECON 102 MOTR PSYC 100 MOTR SOCI 100 MOTR PSYC 200 MOTR GEOG 101 MOTR POSC 201 **UNDER REVIEW** MOTR HIST 201 MOTR HIST 202 MOTR ECON 100 MOTR ANTH 101 MOTR ANTH 201 MOTR POSC 202	**Civics courses** MOTR POSC 101 MOTR HIST 101 MOTR HIST 102	MOTR ENGL 100 MOTR ENGL 200 **UNDER REVIEW** MOTR ENGL 110	MOTR COMM 100 MOTR COMM 110 **UNDER REVIEW** MOTR COMM 120 MOTR COMM 125 MOTR COMM 220	MOTR ASTR 100 MOTR BIOL 001 MOTR BIOL 100 MOTR CHEM 001 MOTR CHEM 100 MOTR GEOG 100 MOTR GEOL 100 MOTR LIFS 001 MOTR LIFS 100 MOTR PHYS 001 MOTR PHYS 010 MOTR PHYS 100	MOTR ASTR 100L MOTR BIOL 001L MOTR BIOL 100L MOTR CHEM 001L MOTR CHEM 100L MOTR GEOG 100L MOTR GEOL 100L MOTR LIFS 001L MOTR LIFS 100L MOTR PHYS 001L MOTR PHYS 010L MOTR PHYS 100L MOTR PHYS 200L	MOTR MATH 110 MOTR MATH 120 MOTR MATH 130 MOTR MATH 150	MOTR AMLT 101 MOTR AMLT 102 MOTR ARHS 101 MOTR ARHS 102 MOTR ART 101 MOTR BRLT 101 MOTR BRLT 102 MOTR DRAW 100 MOTR ETHC 100 MOTR FRLN I MOTR FRLN II MOTR FREN 101 MOTR MUSC 100 MOTR PHIL 100 MOTR OLIT I MOTR OLIT II MOTR RELG 100 MOTR SPAN 101 MOTR SPAN 102 MOTR THEA 100 MOTR WCIV 101 MOTR WCIV 102 **UNDER REVIEW** MOTR MUSC 101 MOTR MUSC 102 MOTR MSPF 100 MOTR FILM 100 MOTR THEA 100 MOTR THPF 100

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CORE 42 Course Inventory

Social & Behavioral Sciences and Civics

- Introduction to Macroeconomics
- Introduction to Microeconomics
- General Psychology
- Life Span Human Development
- General Sociology
- World Regional Geography
- International Relations
- *Introduction to Economics (under consideration)*
- *Comparative Politics (under consideration)*
- *General Anthropology (under consideration)*
- *Cultural Anthropology (under consideration)*
- *World History I (under consideration)*
- *World History II (under consideration)*
- American History I (civics)
- American History II (civics)
- American Government (civics)

Written Communications and Oral Communications

- Composition I
- Composition II
- *Technical Writing (under consideration)*
- Fundamentals of Public Speaking
- Introduction to Communications
- *Interpersonal Communication (under consideration)*
- *Small Group Communication (under consideration)*
- *Argumentation & Debate (under consideration)*

Natural Sciences

- Astronomy
- Essentials in Biology (non-majors)
- Biology
- Essentials in Human Biology (non-majors)
- Human Biology
- Essentials in Chemistry (non-majors)
- Chemistry
- Physical Geography
- Geology
- Essentials in Physics (non-majors)
- Essentials in Physical Sciences (non-majors)
- Physics I
- Advanced Physics I
- Astronomy with Lab
- Essentials in Biology with Lab (non-majors)
- Biology with Lab
- Essentials in Human Biology with Lab (non-majors)
- Human Biology with Lab
- Essentials in Chemistry with Lab (non-majors)
- Chemistry with Lab
- Physical Geography with Lab
- Geology with Lab
- Essentials in Physics with Lab (non-majors)
- Essentials in Physical Sciences with Lab (non-majors)
- Physics I with Lab
- Advanced Physics I with Lab

Mathematical Sciences

- Pre-Calculus Algebra
- Mathematical Reasoning & Modeling
- Statistical Reasoning
- Pre-Calculus

Humanities & Fine Arts

- Art History I
- Art History II
- Art Appreciation
- Introduction to Drawing
- American Literature I
- American Literature II
- British Literature I
- British Literature II
- World Literature I
- World Literature II
- Introduction to Ethics
- Introduction to Philosophy
- French I
- Spanish I
- Spanish II
- Other Languages I
- Other Languages II
- Music Appreciation
- *Music History I (under consideration)*
- *Music History II (under consideration)*
- *Music Performance (under consideration)*
- *Introduction to Film Studies (under consideration)*
- Theatre Appreciation
- *Theater Performance (under consideration)*
- Western Civilization I
- Western Civilization II
- World Religion

Missouri Higher Education Core Transfer Curriculum

Social & Behavioral Sciences Knowledge Area

Social & Behavioral Sciences: Objectives

State-level Goal

To develop students' understanding of themselves and the world around them through study of content and the processes used by historians and social and behavioral scientists to discover, describe, explain, and predict human behavior and social systems. Students acquire an understanding of the diversities and complexities of the cultural and social world, past and present, and come to an informed sense of self and others. As a part of this goal, institutions of higher education include a course of instruction in the Constitution of the United States and of the state of Missouri and in American history and institutions (Missouri Revised Statute 170.011.1).

Suggested Competencies

Students will demonstrate the ability to . . .

- explain social institutions, structures, and processes across a range of historical periods and cultures.
- develop and communicate hypothetical explanations for individual human behavior within the large-scale historical and social context.
- draw on history and the social sciences to evaluate contemporary problems.
- describe and analytically compare social, cultural, and historical settings and processes other than one's own.
- articulate the interconnectedness of people and places around the globe.
- describe and explain the constitutions of the United States and Missouri.

Social & Behavioral Sciences: Courses

MOTR Social & Behavioral Science Core Curriculum courses are lower-division introductory survey courses in a major Social & Behavioral

Sciences discipline or interdisciplinary field that meets the learning objectives of the Social & Behavioral Science Higher Education Transfer Core Curriculum. NOTE that these courses generally do not require another SCBS course as a prerequisite but may require minimal scores on placement or entrance requirement tests and/or coursework related to reading and writing skills.

Social & Behavioral Sciences involve the scientific inquiry and historical analysis of human behavior and the factors that affect it. Social Science Disciplines traditionally include Psychology, Sociology, Anthropology, Economics, Political Science & Civics, History, Geography (study of populations, cartographic or mapping methods, and cultural geography versus physical geography which is a physical science discipline) and related sub-fields.

Any course with a MOTR designation from the Social & Behavioral Sciences transfers as both fulfilling the Social & Behavioral Science core knowledge requirement of the Missouri Higher Education Transfer Core Curriculum AND any specific course required for a degree program or prerequisites, or both, at the receiving institution.

9 credits minimum, including at least one *Civics course*.

MOTR Number	MOTR Title	Transfer Credits	Equivalent Courses	MOTR COURSE DESCRIPTION
MOTR ECON 101	Introduction to Macroeconomics	3	Matrix	Introductory survey of economic principles relating to the economy as a whole. Major topics include: • supply and demand, national income determination, inflation, unemployment, fiscal and monetary policy. • public affairs issues relating to the role of government in a market economy are considered within a framework of economic theory. • role of international trade and finance in national macroeconomic policy is also introduced.
MOTR ECON 102	Introduction to Microeconomics	3	Matrix	Introductory survey of economic principles relating to individuals, firms and markets. Major topics include: • supply and demand, the price system, consumer behavior, production and cost, and market structures. • Market failure, and the role of government are examined as well as issue in International Trade and Finance.
MOTR SOCI 100	General Sociology	3	Matrix	Introductory survey of the scientific study of human society to include critical and empirical analysis of human interactions and cultures within groups and social organizations.

MOTR PSYC 100	General Psychology	3	Matrix	Introductory survey of the scientific study of individual behavior and the application of psychological science. Students develop: • the foundational knowledge base of psychology to include the major concepts, theoretical perspectives, historical trends, and empirical findings within the domains of psychology: cognitive (e.g., cognition, memory, perception, intelligence), developmental (e.g., learning, life span development, language), biological (e.g., neuroscience, sensation, consciousness), social and personality (e.g., social, personality, emotion, multicultural, gender, motivation), and mental and physical wellness (e.g., abnormal, health, psychotherapy); • basic skills and concepts in critically interpreting behavior, studying psychological scientific research, and applying psychological scientific research methodology and design principles to draw conclusions about behavior; • develop ethical and social responsibility in a diverse world through study of formal regulations that govern professional ethics in psychology and exploration of values that contribute to positive outcomes in a diverse multicultural and global society develop competence in communication through writing cogent scientific arguments, presenting information using a scientific approach, discussion of psychological concepts, explanation of the ideas of others, and expression of own ideas; • apply psychological science to self to develop work habits and ethics for academic, professional, and personal success
MOTR PSYC 200	Life Span Human Development	3	Matrix	Survey course that introduces the scientific study of the interacting biological, psychological, and social/environmental factors that influence physical, cognitive, and socioemotional human development across the life span. Students develop: • the foundational knowledge base of developmental psychology to include major theories and scientific research supported principles of how biological factors

				(e.g., genetics/heredity, anatomy, physiology, sex, maturation, aging, physical wellness), psychological factors (e.g., behavioral, cognitive, emotional, personality, gender identity, psychological wellness), and social/environmental factors (e.g., relationships, socio-historical and sociohistorical contexts, material environment) interact and influence human physical, cognitive, socioemotional development across the life span (prior to conception through birth and childhood to adulthood and end of life) • basic skills and concepts in critically interpreting human development, studying developmental psychological scientific research, and applying developmental psychological scientific research methodology and design principles to draw conclusions about human development develop ethical social responsibility in a diverse world through study of formal regulations that govern professional ethics in developmental psychology and exploration of values that contribute to positive outcomes in a diverse multicultural and global society; • competence in communication through writing cogent scientific arguments, presenting information using a scientific approach, discussion of developmental psychological concepts, explanation of the ideas of others, and expression of own ideas • apply psychological science to self to develop work habits and ethics for academic, professional, and personal success
MOTR GEOG 101	World Regional Geography	3	Matrix	Introductory survey of the study of the interacting relationship between human populations and their environment to include physical features of the Earth and cultural characteristics, key issues, and problems in regions of the world. Includes discussion of natural systems, globalization, economic development, ethnic diversity and geopolitical conflicts and human impacts upon the environment. Upon completion of the course, the student should be able to: • Define the basic geographic theories, research, and terminology.

				• Use maps and spatial data to interpret geographic phenomena and information from a variety of geographic maps and graphs. • Define and evaluate the realms and regions of the world and describe the process of regionalization. This includes the realms of Europe, Russia, North America, Middle America, South America, North Africa and Southwest Asia, South Asia, East Asia, Southeast Asia, Australia and New Zealand, and the Pacific. • Explain and evaluate the human-environment interaction. • Describe and explain global interconnectedness.
MOTR POSC 201	International Relations	3	Matrix	Introductory survey of contemporary international relations between nation-states and non-state actors including international organizations, corporations, terrorists, and other non-governmental actors with analysis of factors that influence cooperation and conflict, including politics, power, economics, trade, resources, military/arms, human rights, and environmental issues.
MOTR POSC 101	***American Government (CIVICS)***	***3***	Matrix	Introductory survey of American and Missouri government constitutions, institutions, politics, and processes. Students develop an understanding of the foundations and environment of the American political system by examining the principles of democracy and political ideology and thought upon which the US and State of Missouri is based, outline the government's institutions, describe and evaluate the key concepts about voting, political parties, campaigns, and other forms of political participation, understand the interactions between the branches of government, the citizens, and how those interactions create domestic and foreign policy. Students develop: • an understanding of the foundations and environment of the American political system by examining the principles of democracy and political ideology and thought upon which the US and State of Missouri is based, • outline the government's institutions, • describe and evaluate the key concepts about voting, political parties, campaigns, and other forms of political

				participation, • understand the interactions between the branches of government, the citizens, and how those interactions create domestic and foreign policy. This course meets instruction (Missouri Revised Statute 170.011.1) in the Constitution of the United States and of the state of Missouri and in American history and institutions.
MOTR HIST 101	***American History I (CIVICS)***	***3***	Matrix	Introductory survey of the early history of the United States from the period of discovery of America by Europe to 1877. Students should be able to: • Understand significant trends, movements, and events in American history. • Identify and interpret primary and secondary sources, placing them in the context of their time and place and assessing them for reliability and point of view. • Formulate historical arguments based on specific evidence from the sources • Demonstrate an understanding of historical chronology and respect the distinctive integrity of the past. • Appreciate the multiple political, social, economic, and cultural dimensions of the human experience. • Use historical analysis to evaluate cause and effect, comparisons and contrasts, and patterns of continuity and change over time. This course meets instruction (Missouri Revised Statute 170.011.1) in the Constitution of the United States and of the state of Missouri and in American history and institutions.
MOTR HIST 102	***American History II (CIVICS)***	***3***	Matrix	Introductory survey of United States history from 1877 to the present. Students should be able to: • Understand significant trends, movements, and events in American history. • Identify and interpret primary and secondary sources, placing them in the context of their time and place and assessing them for reliability and point of view. • Formulate historical arguments based on specific evidence from the sources • Demonstrate an understanding of historical chronology and respect the distinctive integrity of the past. • Appreciate the multiple political, social, economic, and

				cultural dimensions of the human experience. • Use historical analysis to evaluate cause and effect, comparisons and contrasts, and patterns of continuity and change over time. This course meets instruction (Missouri Revised Statute 170.011.1) in the Constitution of the United States and of the state of Missouri and in American history and institutions.
MOTR HIST 201	World History I			UNDER CONSIDERATION BY CCAC
MOTR HIST 202	World History II			UNDER CONSIDERATION BY CCAC
MOTR ECON 100	Introduction to Economics			UNDER CONSIDERATION BY CCAC
MOTR ANTH 101	General Anthropology			UNDER CONSIDERATION BY CCAC
MOTR ANTH 201	Cultural Anthropology			UNDER CONSIDERATION BY CCAC
MOTR POSC 202	Comparative Politics			UNDER CONSIDERATION BY CCAC

Social & Behavioral Sciences
COURSE EQUIVALENCIES

CORE 42 MOTRANSFER GUARANTEED

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	INTRODUCTION TO MACROECONOMICS
MOTR COURSE NUMBER	MOTR ECON 101
KNOWLEDGE AREA	SOCIAL & BEHAVIORAL SCIENCES
TRANSFER CREDITS	3
MOTR COURSE DESCRIPTION	Introductory survey of economic principles relating to the economy as a whole. Major topics include:

	• supply and demand, national income determination, inflation, unemployment, fiscal and monetary policy. • public affairs issues relating to the role of government in a market economy are considered within a framework of economic theory. • role of international trade and finance in national macroeconomic policy is also introduced.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Macro Economics	ECON 0204	3	This course covers topics in economic growth, income determination, aggregate demand and supply, employment and output, monetary and fiscal policies and related topics. Prerequisite: ECON 0203
Lincoln University	Macro Economics	ECO 201	3	Measuring and explaining overall economic performance, money, interest rates, fiscal policy and monetary policy as an analytical core. The application of this core to a variety of current economic problems such as inflation and unemployment. Prerequisite: Sophomore standing
Missouri Southern State University	Principles of Economics (Macro Economics)	ECON 0201	3	A basic course that explains the organization, operation, and goals of the U.S. economic system with emphasis on basic principles and concepts; measurement, determination, and stabilization of national income; unemployment and inflation; the role of money and monetary policy; fiscal policy; economic growth; international finance; and current economic problems. Co-requisite: MATH 030 or above.
Missouri State University	Principles of Macro Economics	ECO 155	3	This course prepares the student to understand the economic structure of the United States and its place in the world economy, to interpret common economic measures, to understand the processes of governmental fiscal and monetary policies, and to evaluate individual decision-making from an economic perspective.
Missouri University of Science & Tech.	Principles of Macro Economics	ECON 1200	3	A study of alternative strategies for managing the U.S. economy within a global environment, to attain the goals of full employment, stability and growth.
Missouri Western State University	Principles of Macro Economics	ECO 260	3	Introduction to basic principles of economics with emphasis on the analysis of unemployment, GDP, inflation, and public debt; discusses fiscal and monetary theories and public policies.
Northwest Missouri State University	Principles of Macroeconomics	ECON 52150	3	An introduction to the fundamental principles of macroeconomic analysis. The basic principles relating to aggregate supply and demand; the determination of national income, employment and price level; money and banking; monetary and fiscal policies; and alternative economic systems are studied.
Southeast Missouri State University	Principles of Macro Economics	EC 225	3	Economic concepts, institutions, theories and policies including study of national income, inflation, unemployment, banking system, money, growth and international economics. Prerequisites: EC 215 or AG 245.

Truman State University	Principles of Macro Economics	EC 200	3	This course is an introduction to terms, tools, and concepts that are basic to macroeconomic analysis. Specifically, it models the determination of an economy's aggregate income, output, employment, prices, and interest rates. It further examines how fiscal and monetary policies work and how they may be used to reach socially desirable outcomes. Students who need to take both Principles of Microeconomics and Principles of Macroeconomics may fill the requirement either by taking ECON 200 & ECON 201 - Principles of Microeconomics, or ECON 205 - Principles of Economics. Students may not get credit for both ECON 200 and ECON 205 - Principles of Economics or ECON 201 - Principles of Microeconomics and ECON 205 - Principles of Economics.
University of Central Missouri	Macro Economics	ECON 1010	3	An introduction to principles underlying the operation of modern industrial countries. Special attention is given to the determinants of income and employment
University of Missouri-Columbia	Macro Economics	ECONOM 1015	3	Macroeconomics generally refers to a collection of questions about how scarcity affects a collection of people interacting with one another. In this course, our focus is on understanding how scarcity affects welfare of a nation. Topics include Gross Domestic Product, government spending and taxation, economic growth, monetary and fiscal policy, unemployment and inflation, and exchange rates. Not open to students who have completed ECONOM 1051or AG_EC 1042.
University of Missouri-Kansas City	Introduction to Economics I	ECON 201	3	Economics I deals primarily with macroeconomic or national economic concepts, the economics of the determination of recession, inflation, maintenance of full employment and economic growth, with an emphasis upon the economics of modern Keynesian analyses. It further introduces the economics of Marx and Ayres and discusses relevant and current economic issues. ECON 201 and ECON 202 are prerequisites for most other economics courses.
University of Missouri-St. Louis	Principles of Macro Economics	ECONOM 1002	3	Introduction to the determination of levels of and changes in aggregate income, output, employment and prices. Applies economic principles of choice to the formulation and achievement of public policies that affect national employment, income distribution, and economic growth. Prerequisite: MATH 1030 and ECON 1001.
Crowder College	Principles of Economics I	ECON 201	3	This basic course in aggregate economics emphasizes national income theory, fiscal policy, money and monetary policy, business cycles and economic growth. Students successfully completing this course partially fulfill Social & Behavioral Science general education requirements. Prerequisite: Reading at least at Reading Level 1; MATH 100 or higher is recommended.
East Central College	Macro Economics	EC 2103	3	An introduction to the total level of economic activity–the rate of production and income. Topics include inflation, unemployment,

				government spending and fiscal policy, incomes policy, the banking system and monetary policy, and international economics.
Jefferson College	Macro Economics	ECO 101	3	Macroeconomics explains the organization and goals of the U.S. economic system and how it operates. Macroeconomics is required of students who wish to transfer to a four-year school, majoring in any field of business, leading to a bachelor's degree. Prerequisite: Reading proficiency
Metropolitan Community College	Principles of Macro Economics	BUS 2930 (NOW ECON 210)	3	A basic examination of the principles of economics that apply to the economic system in the aggregate. Topics include opportunity costs, gains from trade, demand and supply, determination of aggregate output, employment, inflation, and exchange rates, and the role of fiscal and monetary policy in the U.S. and world economy. Prerequisite: MATH 40 or MATH 40L or appropriate placement test score.
Mineral Area College	Macro Economics	BUS 2930	3	Primarily a study of the U.S. economic system. Topics include economic growth, macroeconomic measurements, trade, government fiscal policy, money and monetary policy. Prerequisite: Must have met one of the following: a minimum score of 18 on the ACT reading or eligible placement test score, or a minimum grade of C in RDG0900, ENG0990, or ENG0090, or concurrent enrollment in RDG0900, or have earned 24 college-level semester credit hours
Missouri State University-West Plains	Principles of Macro Economics	ECO 155	3	This course prepares the student to understand the economic structure of the United States and its place in the world economy, to interpret common economic measures, to understand the processes of governmental fiscal and monetary policies, and to evaluate individual decision-making from an economic perspective.
Moberly Area Community College	Macro Economics	ECN 101	3	This course includes a study of basic concepts relating to supply, demand, business organization, income, taxation, money and banking, consumption, and savings and investment. This course applies these concepts and their interrelationships to such problems as the general level of economic activity, employment and unemployment, inflation and monetary and fiscal policies, and economic growth and development.
North Central Missouri College	Principles of Macro Economics	EC 253	3	An introduction to basic macroeconomic fundamentals with emphasis on growth, business cycles, unemployment and inflation, Gross Domestic Product, macroeconomic models, monetary and fiscal policy and international effects of domestic policy
Ozarks Technical Comm. College	Macro Economics	ECO 270	3	This course provides an introduction to the origin and derivation of economic systems. This course includes a look at the structure, organization, operation, and the goals of the United States economic system. A study in basic economic principles, including the role of the government in conducting economic policies (spending and taxes), the

				role of the Federal Reserve in managing the supply of money, and the role of others (including households and businesses) in determining economic outcomes is included. This course prepares students for further study in economics.
St. Charles Community College	Macro Economics	ECO 110	3	Introduction to determination of aggregate measures of economic activity, price level, employment and national output. Topics include inflation, unemployment and economic growth; money and banking system; and formulation of fiscal and monetary policies in pursuit of economic stabilization.
St. Louis Community College	Principles of Macro Economics	ECO 151	3	This course presents an introductory description and analysis of economics from a national perspective. Included are the basic concepts relating to the demand and supply model, macroeconomic data, trends and fluctuations in macroeconomic variables, simple models of the macroeconomy, fiscal and monetary policy, and economic growth.
State Fair Community College	Macro Economics	ECON 101	3	Examines the economy as a whole with an emphasis on how scarcity affects a nation. Topics include understanding and measuring economic growth, inflation, unemployment, monetary and fiscal policy, and exchange rates.
State Technical College of Missouri	Principles of Macro Economics	ECO 151 (BUS 171)	3	An introduction to economics with emphasis on fundamental principles and their applications to current questions.
Three Rivers College	Principles of Macro Economics	ECON 211	3	A study of the aggregate or total economy on a national scale. Topics include supply and demand, and contemporary socio-economic issues in the U. S.

CORE 42 MOTRANSFER GUARANTEED

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**INTRODUCTION TO MICROECONOMICS**
MOTR COURSE NUMBER	**MOTR ECON 102**
KNOWLEDGE AREA	**SOCIAL & BEHAVIORAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Introductory survey of economic principles relating to individuals, firms and markets. Major topics include

	• supply and demand, the price system, consumer behavior, production and cost, and market structures. • market failure, and the role of government are examined as well as issue in international trade and finance.			
INSTITUTION	**COURSE NAME**	**COURSE NUMBER**	**TRANSFER CREDITS**	**COURSE DESCRIPTION**
Harris-Stowe State University	Microeconomics	ECON 0203	3	This course covers topics in pricing and output, institutions, market specialization and exchange and related topics.
Lincoln University	Microeconomics	ECO 202	3	Theory of consumer demand, theory of production costs, optimal output and pricing determination under conditions of competition and monopoly; allocation and pricing of resources. Prerequisite: Sophomore standing
Missouri Southern State University	Principles of Econ (Micro)	ECON 202	3	A continuation of economic principles with emphasis on the theory of price determination and income distribution, with particular attention to the nature and application of those bearing on decision making within a household, firm, or industry; cost and revenue implications of various product and factor market structures; and international trade and finance. Co-requisite: MATH 030 or above.
Missouri State University	Principles of Microeconomics	ECO 165	3	Basic principles of economics with a particular emphasis on the nature and application of those bearing on decision making within a household, firm or industry; including consideration of problems respecting the composition and pricing of the national output, distribution of income, pricing and output of factors of production and foreign trade.
Missouri University of Science & Tech.	Principles of Microeconomics	ECON 1100	3	An examination of how resources and products are priced and how income is distributed within various types of market structures.
Missouri Western State University	Principles of Microeconomics	ECO 261	3	Introduction to economic fundamentals with emphasis on supply and demand analysis, factor markets, different market structures, international economics, and various economic problems.
Northwest Missouri State University	Principles of Microeconomics	ECON 52151	3	An introduction to the fundamental principles of microeconomic analysis. The basic principles relating to the decision-making by the individual household and the individual firm under different market structures, the allocation of society's resources and international trade and balance of payments are studied.
Southeast Missouri State University	Principles of Microeconomics	ECON 121 (NOW EC 215)	3	U.S. market economic system. Demand, supply, competition, pricing, resource allocation concepts applied to issues in business, labor, and public policy. Prerequisites: AD 101 or EP 100; MA 134 or equivalent.
Truman State University	Principles of Microeconomics	EC 215	3	This course is an introduction to terms, tools, and concepts that are basic to microeconomic analysis. Specifically, it includes supply and demand analysis, consumption theories, as well as production and cost theories, externalities and international trade. It further examines firm behavior under alternative market structures in both the goods and services markets as well as the factor markets.
University of Central Missouri	Microeconomics	ECON 201	3	An introduction to the functioning of a market economy. Emphasis is on behavior of consumers and business firms and the resulting allocation of resources and

				distribution of income.
University of Missouri-Columbia	Microeconomics	ECON 1011	3	A basic examination of the economy at the individual consumer, firm and market level. Simple economic models used to analyze the workings of the economy. Topics include opportunity costs, gains from trade, efficiency and markets, non-competitive markets, game theory, the importance of free trade, the markets response to economic shocks and the effect of government intervention. Not open to students who have completed ECONOM 1024 , ECONOM 1051, or AG_EC 1041.
University of Missouri-Kansas City	Introduction to Economics II	ECON 202	3	Economics II deals primarily with microeconomics, firm analysis, the principles of demand, supply, elasticity, price determination, costs, income distribution, market structures, trade, and other related social, economic issues. ECON 201 and ECON 202 are prerequisites for most other economics courses.
University of Missouri-St. Louis	Principles of Microeconomics	ECONOM 1001	3	Introduction to the determinants of household demand, production and cost, and market prices. Applies the principles of individual decision-making behavior to understanding goods, services and resource markets. Prerequisite: MATH 1030.
Crowder College	Principles of Economics II	ECON 202	3	A continuation of Economics 201, this course emphasizes price, theory, competition models, wage, rent, and profit determination, international trade and balance of payments theory, and special international problems. Students successfully completing this course partially fulfill Social & Behavioral Science general education requirements. (Prerequisite: Reading at least at Reading Level 1. MATH 100 or higher is recommended. Note: ECON 201 is not a prerequisite for ECON 202)
East Central College	Microeconomics	EC 2203	3	An introduction to how prices are determined. Topics include how prices are set in markets of varying degrees of competition; how income is determined: wages and salaries, rent, interest, and profits; unions; environmental problems; wealth and poverty in the United States of America; and non-market economic systems.
Jefferson College	Microeconomics	ECO 102	3	Prerequisite: Reading proficiency Microeconomics is a study of economics from the individual producer's and consumer's standpoint. Microeconomics is required of students who wish to transfer to a four-year school, majoring in any field of business, leading to a bachelor's degree.
Metropolitan Community College	Microeconomics	ECON 211	3	Prerequisite: MATH 40 or MATH 40L or appropriate placement test score. A basic examination of the microeconomic behavior of individual consumers, firms, and markets in the domestic and world economy. Topics include opportunity costs, gains from trade, demand and supply, production, market structures, and externalities and public goods.
Mineral Area College	Microeconomics	BUS 2940	3	Principles of Microeconomics This course consists of analysis of the individual consumer, firm and market. The principles of demand and supply, elasticity, price determination, costs, market structure and other related economic issues are studied.
Missouri State University-West Plains	Principles of Microeconomics	ECO 165	3	Basic principles of economics with a particular emphasis on the nature and application of those bearing on decision making within a household, firm or

				industry; including consideration of problems respecting the composition and pricing of the national output, distribution of income, pricing and output of factors of production and foreign trade.
Moberly Area Community College	Microeconomics	ECN 102	3	ECN 102 is a description and analysis of the behavior of households and business firms in the economy. The course includes the analysis of supply and demand, price and output determination in competitive and noncompetitive markets, cost of production of goods and services, resource markets, economic institutions, and international trade. A suggested course sequence: ECN 101 prior to ECN 102.
North Central Missouri College	Principles of Microeconomics	EC 252	3	An introduction to basic microeconomic fundamentals with emphasis on economic reasoning, supply and demand analysis, market structure, globalization and trade, government intervention in markets, economics and government policy and income distribution.
Ozarks Technical Comm. College	Microeconomics	ECO 275	3	This course is an introduction to microeconomic analysis. It is an in-depth look at the behavior of the individual and businesses as it relates to the determination of the price structure, distribution of income, and trade. This course is an examination of the participants and structures of the marketplace. Prerequisite(s): ECO 270.
St. Charles Community College	Microeconomics	ECO 120	3	Introduction to determination of prices in product and factor markets. Topics include individual decision-making behavior of households and firms; interactions in markets of varying degrees of competition; and effects of such markets on allocation of scarce resources and distribution of income.
St. Louis Community College	Principles of Microeconomics	ECO 152	3	This introductory microeconomics course develops tools and models to explore the behavior of individuals and firms. The course develops the demand and supply model to examine outcomes in both output and input markets explores market failures, compares behaviors in competitive and noncompetitive markets, examines the economic concept of cost, and uses comparative advantage to explain both local and international trade.
State Fair Community College	Principles of Microeconomics	ECON 102	3	Examines the price system and resource allocation, markets and efficiency, production costs, wage determination, and the role of government in regulating and supplementing the pricing system. Special problems such as agriculture and health care may be introduced, time permitting.
State Technical College of Missouri	Principles of Microeconomics	ECO 152 (no longer offered?)	3	No description available
Three Rivers College	Principles of Microeconomics	ECON 212	3	A study of the economizing process in an individual firm or industry. Topics include price and wage determination, costs-output relationships¸ and various theories regarding competition within an industry.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**GENERAL PSYCHOLOGY**
MOTR COURSE NUMBER	**MOTR PSYC 100**
KNOWLEDGE AREA	**SOCIAL & BEHAVIORAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Introductory survey of the scientific study of individual behavior and the application of psychological science. Students develop: • the foundational knowledge base of psychology to include the major concepts, theoretical perspectives, historical trends, and empirical findings within the domains of psychology: cognitive (e.g., cognition, memory, perception, intelligence), developmental (e.g., learning, life span development, language), biological (e.g., neuroscience, sensation, consciousness), social and personality (e.g., social, personality, emotion, multicultural, gender, motivation), and mental and physical wellness (e.g., abnormal, health, psychotherapy); • basic skills and concepts in critically interpreting behavior, studying psychological scientific research, and applying psychological scientific research methodology and design principles to draw conclusions about behavior; • develop ethical and social responsibility in a diverse world through study of formal regulations that govern professional ethics in psychology and exploration of values that contribute to positive outcomes in a diverse multicultural and global society develop competence in communication through writing cogent scientific arguments, presenting information using a scientific approach, discussion of psychological concepts, explanation of the ideas of others, and expression of own ideas; • apply psychological science to self to develop work habits and ethics for academic, professional, and personal success.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	General Psychology	PSY 0100	3	This is an introductory survey of the basic concepts, principles and

				methods in the scientific study of behavior. Some appropriate application to one's personal growth and development will be provided.
Lincoln University	General Psychology	PSY 101	3	An introduction to psychology as the science of affect, behavior, and cognition focusing on the methods, concepts, and terminology of the field.
Missouri Southern State University	General Psychology	PSY 0100	3	Introductory course on the scientific study of behavior and mental processes. Covers research and theories in areas of psychology such as abnormal, social, learning and memory, neuroscience, and development.
Missouri State University	Introductory Psychology	PSY 121	3	An examination of how psychology enhances our understanding of human behavior; a survey of basic biological, experiential, cognitive, emotional, and sociocultural influences on behavior and self-understanding. Students must choose either to be research participants or fulfill an alternative library assignment as part of the course requirements. Honors sections are taught in a lecture/lab format.
Missouri University of Science & Technology	General Psychology	PSYCH 1101	3	An introduction to the science of the human mind and behavior. Topics include brain structure and function, human development, learning and memory, motivation, emotion, personality and psychological health, psychological disorders and their treatment, and social cognition and human relationships.
Missouri Western State University	General Psychology	PSY 101	3	General information about psychology in everyday life, designed to correct misconceptions and to give the student a better understanding of self and others.
Northwest Missouri State University	General Psychology	PSYC 08103	3	A survey course designed to introduce students to the foundation of human and animal behavior. Students will study the content and the processes used by behavioral scientists to discover, describe, explain and predict human behavior. The course provides an environment in which students learn how to critically evaluate the biological, social/cultural and psychological variables that contribute to behavior and to reflect on those to develop an informed sense of self and others.
Southeast Missouri State University	Psychological Perspective on Human Behavior	PY 101	3	Examination of human behavior and experience from a psychological perspective. Application of psychological principles to understanding of human behavior.
Truman State University	General Psychology	PSYC 166	3	A survey of behavioral principles. Topics include human development, personality, learning and thinking, psychological testing, mental health, therapy, and social behavior.
University of Central Missouri	General Psychology	PSY 1100	3	A general introduction to the science of behavior, surveying the broad field of psychology and the methods of investigation

University of Missouri-Columbia	General Psychology	PSYCH 1000	3	Survey of theories, principles, and methods in the study of human behavior.
University of Missouri-Kansas City	General Psychology	PSYCH 210	3	A survey of the fundamental principles, theories, and methods of psychological science.
University of Missouri-St. Louis	General Psychology	PSYCH 1003	3	A survey of the basic concepts, theories, and pivotal findings over the past 100 years in the science of Psychology, with special emphasis on contemporary concepts and findings that focus on the relation of the brain to normal and pathological behaviors. All Psychology majors must complete this course with a grade of C- or higher.
Crowder College	General Psychology	PSYC 101	3	An introduction to the scientific study of human behavior including motivation, perception, learning, emotions, intelligence and the physiological basis of behavior is presented. Successful completion of this course partially fulfills Social & Behavioral Science general education requirements.
East Central College	General Psychology	PY 1103	3	A course designed to provide the student with a broad, general introduction to the field of psychology. It is a study of behavior designed to present an account of the significant concepts and findings of contemporary psychology. The course should provide a clear description of the bodies of knowledge in the core areas of psychology.
Jefferson College	General Psychology	PSY 101	3	General Psychology reviews the scientific study of behavior and mental processes found in humans and animals. This course includes a survey of the fundamental concepts, principles, historical trends, figures, theories, overarching themes, research design, pivotal empirical findings, and applications in psychology. Students will develop knowledge of psychology's major content domains of neuroscience, consciousness, cognition, memory, learning, social, personality, emotion, multicultural, abnormal, health, and psychotherapies
Metropolitan Community College	General Psychology	PSYC 140	3	Introduction to the scientific study of behavior and mental processes through the exploration of major theories, concepts, methods, and research findings in the field of psychology. Using the foundation of the scientific method, topics cover various subdisciplines in psychology: biological, cognitive, developmental, social and personality, and mental/physical health. Emphasis on biopsychosocial influences and integration across sub-discipline topics.
Mineral Area College	General Psychology	PSY 1130	3	A broad overview of the general field of psychology and fundamental principles of human behavior. Includes the biology of behavior, learning and memory, emotion and motivation, growth and development,

				individual personality, psychopathology and treatment of mental illness. Prerequisite: Must have met one of the following: a minimum score of 18 on the ACT reading or eligible placement test score, or a minimum grade of C in RDG0900, ENG0990, or ENG0090, or have earned 24 college-level semester credit hours.
Missouri State University - West Plains	Introductory Psychology	PSY 121	3	An examination of how psychology enhances our understanding of human behavior; a survey of basic biological, experiential, cognitive, emotional, and sociocultural influences on behavior and self-understanding. Students must choose either to be research participants or fulfill an alternative library assignment as part of the course requirements. Honors sections are taught in a lecture/lab format.
Moberly Area Community College	General Psychology	PSY 101	3	This course is an introduction to the nature and scope of the field of psychology as a scientific and human endeavor. Focus is on the historic development of the field; biological and developmental processes; consciousness and perceptions; learning, remembering, and thinking; motivation and emotion; personality and individuality; social behavior; stress and coping; and psychopathology and psychotherapy.
North Central Missouri College	General Psychology	PY 121	3	A survey course dealing with the basic facts and principles of human behavior, providing an understanding of why and how people think and act as they do, emphasizing the manner in which the environment influences people.
Ozarks Technical Community College	Introduction to Psychology	PSY 110	3	This course provides an introduction to psychology including history and systems, physiology, human growth and development, sensation and perception, learning, memory, emotion, motivation, personality, adjustment, psychopathology, industrial and social psychology.
St. Charles Community College	Introduction to Psychology	PSY 101	3	Examination of behavioral, cognitive, psychoanalytic, humanistic, and biological viewpoints in psychology. Includes learning principles and applications, perception, motivation, emotions, stress, psychobiology, personality, abnormal behavior, and approaches to therapy.
St. Louis Community College	General Psychology	PSY 200	3	This course is an introduction to the scientific study of human behavior. It attempts to help students gain insights into their own and others' behavior. A variety of topics (such as personality, learning, emotion, motivation, human growth and development, abnormal behavior and psychotherapy) relating to psychological development will be covered.
State Fair Community College	General Psychology	PSY 101	3	Introduction to the scientific study of behavior and mental processes. Includes a survey of historical and current theories, theorists and perspectives in psychology. Goals include increasing critical thinking and

				intellectual curiosity about psychological phenomenon and provides a basis for further study in the field. Topics include neurology, sensation and perception, consciousness, learning, psychometrics, personality development, and mental illness and wellness. Writing papers in APA format is required.
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
Three Rivers College	General Psychology	PSYC 111	3	General psychology addresses the basics of human development. The course will analyze psychological concepts and the various types of learning. Students will assess the relationship between the brain development and behavior as it relates to psychological concepts.

CORE 42 MOTRANSFER GUARANTEED

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**GENERAL SOCIOLOGY**
MOTR COURSE NUMBER	**MOTR SOCI 101**
KNOWLEDGE AREA	**SOCIAL & BEHAVIORAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Introductory survey of the scientific study of human society to include critical and empirical analysis of human interactions and cultures within groups and social organizations.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Introduction to Sociology	SOC 0100	3	This course surveys the range of human cultural variation and differing patterns of human social relationships. The perspectives and concepts of anthropology and sociology presented in this course will prepare the student to recognize and appreciate the variety of social and cultural situations encountered in life.
Lincoln University	Introduction to Sociology	SA 201	3	This course is designed to introduce students to the fundamental theories, methodological approaches and basic principles used in sociology. The course examines the systematic study of social relationships and interactions. Detailed

				study of socialization, social structures, institutions, inequality, social control, gender, ethnicity, the economy and globalization will be engaged. This course serves as a prerequisite to all sociology courses
Missouri Southern State University	Introduction to Sociology	SOC 110	3	An introductory course focused on the systematic study of society. Emphasis is on major concepts of sociology and the scientific point of view in understanding and explaining human behavior and social phenomena.
Missouri State University	Introduction to Sociology	SOC 150	3	The study of society including its structure and operation from the perspective of sociology. The course focuses on ways society is constructed by people and, in turn, on the ways society shapes people. This general education course supplies students with a community as well as global, multicultural understanding of society.
Missouri University of Science & Tech.	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
Missouri Western State University	Introduction to Sociology	SOC 110	3	An introduction to the discipline of sociology; basic sociological concepts and theories; a survey of the major topics such as culture, society, social interaction, groups, crime, race/ethnicity, class, gender, the family, education, religion, medicine, economy, politics. Cross-cultural comparisons.
Northwest Missouri State University	General Sociology	SOC 35101	3	This course is designed to provide a greater understanding of the social world. Sociology is defined as a scientific study of human behavior in social life with an assumption that there are social forces which shape and influence patterns of behavior and ways of thinking. These include social forces such as culture, stratification, age, gender, race and ethnicity, and globalization. Several sociological perspectives serve as the point of reference by which human behavior at the micro and macro level are better understood.
Southeast Missouri State University	Society, Culture and Social Behavior	SO 102	3	A series of lectures, projects and group discussions analyzing the impact of society and culture on human social behavior. (University Studies course)
Truman State University	Introduction to Sociology	SOAN 190	3	This course provides students an introduction to the scientific study of society and human behavior. Since all human behavior is social, this course begins by examining key societal building blocks such as culture, socialization, and social structure. As students learn the major theories of sociology, and begin to apply the "sociological imagination" to better understand their own life experiences, and the experiences of others, the role that social institutions, groups, organizations, gender, race, and social class play will also be examined.
University of Central Missouri	General Sociology	SOC 1800	3	Explores the relationships of individuals, groups, and society in the context of changing social institutions. Addresses basic concepts and subfields in sociology
University of Missouri-Columbia	Introduction to Sociology	SOCIOL 1000	3	Nature of organization and activities of human groupings-family, community, crowd, social class, etc.; structure, function of institutions; social influences shaping personality, behavior, social change. No credit for both SOCIOL 1000and RU_SOC 1000.

University of Missouri-Kansas City	Principles of Sociology	SOCIOL 101	3	An introduction to the study of society and the basic concepts of sociology.
University of Missouri-St. Louis	Introduction to Sociology	SOCIOL 1010	3	An introduction to sociological approaches to human behavior including types of social organizations, patterns of social interaction, and social influences on individual conduct.
Crowder College	General Sociology	SOC 101	3	This introduction analyzes groups, institutions and individual behavior in group environments. Successful completion of this course partially fulfills Social & Behavioral Science general education requirements.
East Central College	Introduction to Sociology	SO 1103	3	An introductory course in the field of sociology with special emphasis on the scientific study of social relations, social organizations, social institutions, and social dynamics.
Jefferson College	General Sociology	SOC 101	3	General Sociology deals with the scientific and systematic study of group behavior, exploring human society and social interaction.
Metropolitan Community College	Introduction to Sociology	SOCI 160	3	3 credits. 3 hours. (Lecture 3 HOURS.) Introduction to sociological principles, practices, and concepts with emphasis on groups, culture, personality, society, communication, cities, and social institutions. Family, religion, government, social change, social control, and social progress.
Mineral Area College	General Sociology	SOC 1130	3	General Sociology Prerequisite: Must have met one of the following: a minimum score of 18 on the ACT reading or eligible placement test score, or a minimum grade of C in RDG0900, ENG0990, or ENG0090, or concurrent enrollment in RDG0900, or have earned 24 college-level semester credit hours. Systematically examines behavior and human groups, particularly the influence of culture, socialization, social structure, stratification, social institutions, differentiated by race, ethnicity, gender, class, region and sociocultural change upon people's attitudes and behaviors.
Missouri State Univ. - West Plains	Introduction to Sociology	SOC 150	3	The study of society including its structure and operation from the perspective of sociology. The course focuses on ways society is constructed by people and, in turn, on the ways society shapes people. This general education course supplies students with a community as well as global, multicultural understanding of society.
Moberly Area Community College	Introduction to Sociology	SOC 101	3	Sociology is a scientific study of society and the interaction between society and its human environment. Emphasis is on an explanation of the importance of values and norms and their significance in the development of attitudes and resulting social behavior. Course includes such concepts as social organization and culture, socialization, institutions, and collective behavior.
North Central Missouri College	Introduction to Sociology	SO 107	3	A survey course concerned with the study of human relationships in groups and of the structures and organizations that develop within human society. Emphasis is placed on various social phenomena and the theories which attempt to explain them.
Ozarks Technical Comm. College	Introduction to Sociology	SOC 101	3	This course is an inquiry into the nature of society, the foundation of group life, institutions, structure of society and the role of the individual as a group member.

				Emphasis on implications for social change is encouraged.
St. Charles Community College	Introduction to Sociology	SOC 101	3	Examines relationship between individual and society in social structure of modern society. Introduction to way in which sociologists interpret and research human behavior. Covers patterns of social interaction and social influences on individual conduct.
St. Louis Community College	Introduction to Sociology	SOC 101	3	This course is a general survey of the discipline of sociology. The course explores the reciprocal relationship between individuals and social institutions. Specifically it examines how social forces both shape and are shaped by beliefs and behaviors regarding ourselves and others.
State Fair Community College	General Sociology	SOC 100	3	Introduction to the basic principles, concepts, research strategies, and empirical findings representative of the field today. Explores the relationships of individuals and groups in the context of broader social patterns. Establishes a basis for further study in the field. Course topics may include gender and racial inequality, deviance, economic and political institutions, social mobility, and concepts related to current social and cultural change.
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
Three Rivers College	General Sociology	SOCI 111	3	Sociology is the scientific study of human groups. General Sociology provides sociological information (viewed from various sociological perspectives) about the foundations of society, social inequality, social institutions, and social change at both national and international levels.

CORE 42 MOTRANSFER GUARANTEED	Missouri Higher Education Core Transfer Curriculum
MOTR COURSE NAME	LIFE SPAN HUMAN DEVELOPMENT
MOTR COURSE NUMBER	MOTR PSYC 200
KNOWLEDGE AREA	SOCIAL & BEHAVIORAL SCIENCES
TRANSFER CREDITS	3
MOTR COURSE DESCRIPTION	Survey course that introduces the scientific study of the interacting biological, psychological, and social/environmental factors that influence physical, cognitive, and socioemotional human development across the

	life span Students develop: • the foundational knowledge base of developmental psychology to include major theories and scientific research supported principles of how biological factors (e.g., genetics/heredity, anatomy, physiology, sex, maturation, aging, physical wellness), psychological factors (e.g., behavioral, cognitive, emotional, personality, gender identity, psychological wellness), and social/environmental factors (e.g., relationships, socio-historical and sociohistorical contexts, material environment) interact and influence human physical, cognitive, socioemotional development across the life span (prior to conception through birth and childhood to adulthood and end of life) • basic skills and concepts in critically interpreting human development, studying developmental psychological scientific research, and applying developmental psychological scientific research methodology and design principles to draw conclusions about human development develop ethical social responsibility in a diverse world through study of formal regulations that govern professional ethics in developmental psychology and exploration of values that contribute to positive outcomes in a diverse multicultural and global society; • competence in communication through writing cogent scientific arguments, presenting information using a scientific approach, discussion of developmental psychological concepts, explanation of the ideas of others, and expression of own ideas • apply psychological science to self to develop work habits and ethics for academic, professional, and personal success

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
Lincoln University	DEVELOPMENTAL PSYCHOLOGY	PSY 308	3	A life-span course on human development. Emphasis is on physical, psychological, and social development from conception to death. Prerequisite: PSY 101.
Missouri Southern State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
Missouri State University	Principles of Human Development	CFD 155	3	General Education Course (Focus on Social & Behavioral Sciences).Basic principles that govern human development from the prenatal period to death; developmental tasks and interrelations of family members through the life span.
Missouri University of Science & Technology	Developmental Psychology	PSYCH 3310	3	A study of human growth and development across the lifespan. The course emphasizes the interaction of physical, psychological, and social changes and their resulting impact on the developing person at all stages in life. Prerequisite:

				Psych 1101.
Missouri Western State University	Life-Span Developmental Psychology	PSY 240	3	The cognitive, personality, emotional, social, and physical changes that occur from conception through old age. This course is intended primarily for majors in fields which require a developmental psychology overview of the life span. Credit for this course is not applicable toward a psychology major. Prerequisite(s): PSY 101.
Northwest Missouri State University	Developmental Psychology	PSYC 08333	3	A comprehensive survey of human developmental principles emerging during conception and continuing through to the process of death. Emphasis is placed upon the physical, intellectual, cognitive and social-emotional growth from research, theoretical and applied viewpoints based upon empirically demonstrated psychological knowledge. Prerequisite: PSYC 08103 or PSYC 08303.
Southeast Missouri State University	Psychological Development Across the Life Span	PY 220	3	Broad overview of human development across the life-span. Reciprocal nature of the individual/environment interaction is emphasized. (University Studies course)
Truman State University	Developmental Psychology	PSYC 377	3	Psychological, social, cognitive, and biological development from prenatal development through old age, death and dying are covered from a theoretical and research-based framework. Prerequisite: PSYC 166 - General Psychology. NOTE:* This course counts toward the 63-credit Liberal Arts and Sciences (LAS) graduation requirement.
University of Central Missouri	Life-Span Developmental Psychology	PSY 3220	3	Theories of development, universal features of human development and its individual variations throughout the life-span of the individual. Prerequisite(s): PSY 1100 or EDFL 2240. This is a professional education course.
University of Missouri-Columbia	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
University of Missouri-Kansas City	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
University of Missouri-St. Louis	Human Growth and Development	PSYCH 1268	3	A survey course, designed for non-majors. This course examines development over the lifespan with an emphasis on the developmental tasks and hazards of each age period. Majors in Psychology and students planning to pursue a career in psychology research, teaching, or practice are strongly encouraged to take PSYCH 2270 instead of this course. Prerequisites: PSYCH 1003.
Crowder College	Lifespan Development	PSYC 211	3	This is a study of human development across the lifespan. From conception to death, this course will examine physical, cognitive, and socioemotional changes along developmental milestones. Successful completion of this course partially fulfills Social & Behavioral Science general education requirements.(Prerequisite: PSYC 101)
East Central College	Human Development	PSY 250	3	A course designed to provide the student with a broad, general introduction to human development. The entire life span will be covered including those concepts and principles basic to an understanding of human development. Development

				will be studied using an integrated approach from the biological, psychological, sociological, and cultural perspectives. Prerequisite: PSY 101 and ENG 101; minimum grade C
Jefferson College	Life Span Human Development	PSY 250	3	Life Span Human Development examines the physical, cognitive, and psychosocial development of the individual from pre-conception through adult aging and end of life. Life Span Human Development will partially meet the Social & Behavioral Science requirement for the Associate of Arts and Associate of Arts in Teaching degrees. Prerequisites: PSY101 or PSY101H with a minimum grade of a "C" and reading proficiency
Metropolitan Community College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
Mineral Area College	Human Growth and Development	PSY1250	3	Provides the student with a lifespan approach to development. Examines major psychological issues, theories and research concerning infancy, childhood, adolescence and adulthood. Influences on physical, cognitive, personality and social development are analyzed. Prerequisite: Must have met one of the following: a minimum score of 18 on the ACT reading or eligible placement test score, or a minimum grade of C in RDG0900, ENG0990, or ENG0090, or have earned 24 degree college-level semester credit hours.
Missouri State University - West Plains	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
Moberly Area Community College	Human Lifespan Development	PSY 205		This course is designed to present the study of human development throughout the life span. Study includes the three domains of development: physical, cognitive, and psychosocial. Major theories, the influence of genetics, and prenatal development will be examined. The framework of the course is chronological, dividing the life span into seven parts: infancy, early childhood, middle childhood, adolescence, young adulthood, middle adulthood, late adulthood, and the end of life. Prerequisite: PSY101.
North Central Missouri College	Human Growth & Development	PY 233	3	A study of human development across the life span. The focus is on clearly-defined stages of life, each with its own unique problems, concerns and solutions. The history, research methods, theories, technology and terminology related to the study of human development are discussed. PREREQUISITE: PY 121.
Ozarks Technical Comm. College	Life Span Development Psychology	PSY-130	3	This course is a study of human life span development, including the physical, emotional, cognitive and social developments and changes from conception through death.
St. Charles Community College	Human Growth and Development	PSY 210	3	Survey of basis of human growth and development. Review of emotional, mental, physical, and social needs of children, adolescents, and adults. Analysis of multiple factors that influence and shape behavior and personality. Prerequisites: PSY 101
St. Louis Community College	Human Growth and Development	PSY 205	3	This course is a survey of the basis of human growth and development. Biological, cognitive and socioemotional needs of children, adolescents and adults are

				reviewed. The multiple factors which influence and shape behavior and personality are analyzed. Prerequisites: PSY 200 and Reading Proficiency.
State Fair Community College	Lifespan Development	PSY 210	3	Study of major theories of psychological development during infancy, childhood, adolescence, and adulthood. Topics include physical, psychosocial and cognitive development across the lifespan giving consideration to cultural and individual variations. Prerequisite: PSY 101 with a grade of C or higher. Writing papers in APA format is required. Students are advised to have completed ENGL 101 prior to enrolling.
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
Three Rivers College	Human Development Across the Life Span	PSYC243	3	Human Development Across the Lifespan defines the systematic changes and continuities that fall into three broad domains: physical development, cognitive development, and psychosocial development. The course reviews the major theories of human development. This course also examines the individual in the context of the family, school, media, culture, and/or psychopathy. Prerequisite(s):ENGL 02 and READ 02 or Writing and Reading placement of ENGL 111.

CORE 42 MOTRANSFER GUARANTEED	**Missouri Higher Education Core Transfer Curriculum**
MOTR COURSE NAME	**WORLD REGIONAL GEOGRAPHY**
MOTR COURSE NUMBER	**MOTR GEOG 101**
KNOWLEDGE AREA	**SOCIAL & BEHAVIORAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Introductory survey of the study of the interacting relationship between human populations and their environment to include physical features of the Earth and cultural characteristics, key issues, and problems in regions of the world. Includes discussion of natural systems, globalization, economic development, ethnic diversity and geopolitical conflicts and human impacts upon the environment. Upon completion of the course, the student should be able to:

	• Define the basic geographic theories, research, and terminology. • Use maps and spatial data to interpret geographic phenomena and information from a variety of geographic maps and graphs. • Define and evaluate the realms and regions of the world and describe the process of regionalization. This includes the realms of Europe, Russia, North America, Middle America, South America, North Africa and Southwest Asia, South Asia, East Asia, Southeast Asia, Australia and New Zealand, and the Pacific. • Explain and evaluate the human-environment interaction. • Describe and explain global interconnectedness.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Principles of Geography	GEOG 0200	3	This course is a survey of the physical processes acting on the earth's terrain and man's role of interaction with and perceptions of his environment. The survey covers a broad range of topics. An examination of the world's geographic regions focusing on the location of Earth's major physical features, human populations and cultures, and their interaction. Topics include natural systems, globalization, ethnic and geopolitical conflicts, and human impacts upon the environment. This course provides both an introduction to geography as a discipline and a basic geographic foundation for those interested in current international issues, politics, history and public affairs within the areas of physical and cultural geography, including basic geology, climate, world regions, population and environmental problems.
Lincoln University	World Geography	GEO 200	3	A comprehensive survey of the earth, its natural resources, and conflicts arising there from.
Missouri Southern State University	World Regional Geography	GEOG 0111	3	Survey of the peoples of the earth and how their activities are influences by climate, topography, natural resources, and culture with class time devoted to discussion of important topical areas in each region.
Missouri State University	World Regional Geography	GRY 100	3	An examination of the world's geographic regions focusing on the location of Earth's major physical features, human populations and cultures, and their interaction. Topics include natural systems, globalization, ethnic and geopolitical conflicts, and human impacts upon the environment. This course provides both an introduction to geography as a discipline and a basic geographic foundation for those interested in current international issues, politics, history and public affairs.
Missouri University of Science & Technology	World Regional Geography	HISTORY 2110	3	An introduction to the distinguishing cultural and physical characteristics of the major regions of the world. Emphasis on the political problems within the regions and the contemporary issues involved.
Missouri Western State University	World Geography	GEO 100	3	A systematic and regional analysis of the world's diverse cultural realms emphasizing the five themes of geography (location, place, interaction of people and the physical environment, movement, and region).

Northwest Missouri State University	Introduction to Geography	GEOG 32-101	3	Survey course designed to familiarize students with the geographic studies including the relationship between humans and the natural environment as well as spatial patterns of human activities. Cultural, socio-economic, political and physical spatial patterns relating to an increased understanding of contemporary local, national and global issues will be emphasized.
Northwest Missouri State University	People and Cultures of the World	GEOG 32-102	3	Course introduces a geographical perspective that examines the cultural, political, and physical processes that shape the diverse regions of the world.
Southeast Missouri State Univ.	People & Places of the World	GG 150	3	Spatial treatment of ethnic diversity of the world's macro cultures (e.g. Europe) and contemporary social problems associated with economic development.
Truman State University	The Geographic Perspective	GEOG 111	3	A systematic introduction to the discipline of geography focusing on the study of interpreting maps, physical and human phenomena, and the interconnections between them. This course examines these major aspects of geographic inquiry from the interrelated perspectives of landscapes, environments and spatial variations.
University of Central Missouri	World Geography	GEOG 2212	3	A survey of the world's major regions, examining their unique peoples, cultures, economies, and physical environments.
University of Missouri-Columbia	Regions and Nations of the World I	GEOG 1100	3	Introductory analysis for general education. Regional character, spatial relationships, major problems of Europe, North America (United States and Canada) and Latin America. Organized around basic concepts in field of geography.
University of Missouri-Kansas City	Introduction to the Elements of Geography	GEOG 105	3	A survey of major elements of physical and human geography, with a concise overview of the world's regions. Emphasis on global relationships and distributions, both environmental and cultural. Climates, natural vegetation, land forms, cultural origins and diffusions, economic patterns.
University of Missouri-Kansas City	World Geography I	GEOG 200	3	A survey of the physical and human geography of the regions and nations of Europe and the Americas, with Australia and New Zealand. The approach is strongly historical, emphasizing interconnections, shared colonial backgrounds and broader global contexts in the modern world. The course is aimed at non-specialists.
University of Missouri-St. Louis	Introduction to Geography	GEOG 1001	3	An introduction to geography as a social science. The identification and explanation of order in the human landscape. A survey of the social, political, economic, and psychological factors which influence geographic patterns.
University of Missouri-St. Louis	World Regions	GEOG 1002	3	Survey of the major regions of the world. Designed to give the student an awareness of the character of each of these major regions through the interrelationships of the various attributes of place. Each semester the geographic perspective will be applied in greater depth to one significant country such as Afghanistan, Iraq, or North Korea.
Crowder College	World Regional Geography	GEOG 111	3	Emphasis in this study of the realms, regions and nations of the world includes geographical factors such as natural environments and human cultural patterns which affect life on the earth. Students successfully completing this course

				partially fulfill Social & Behavioral Science general education requirements. East
Jefferson College	World Regional Geography	GEO 103	3	World Regional Geography is an introduction to the academic discipline of Geography including a world survey, presenting the essential physical and cultural characteristics, key issues, and problems of the major regions of the world: the Americas, Eruope, Russia, North Africa, Southwest Asia, Subsaharan Africa, South Asia, East Asia, and the Pacific. Special attention is given to selected countries.
East Central College	World Geography	GE 101	3	An introductory study of the basic geographic and cultural regions of the world, including North and South America, Europe, Africa, and Asia with emphasis on the natural resources, political conditions, economy, population, religions, and cultural patterns of each area. A special unit on Missouri geography is included.
Metropolitan Community College	Cultural/Human Geography	GEOG 113	3	Addresses techniques of geographic interpretation, and cultural and political diversity, the relationship to physical environment, availability of water, food, and other natural resources, language, religion, industry, spatial relationships of cities and settlements, population, ethnic characteristics, migration, folk and popular cultures, and the effects of globalization.
Metropolitan Community College	World Geography	GEOG 105	3	Introduction and application of geographic principles to the survey of the major world regions: Europe, Asia, Africa, Middle East, North America, and the Pacific World.
Mineral Area College	Regional World Geography	GEO 1130	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP.** An introductory survey of physical, cultural, economic and political geography of the world's major regions including: Anglo-America, Asia, Europe, Latin America, North Africa, Southwest Asia and Sub-Sahara Africa.
Missouri State Univ.-West Plains	World Regional Geography	GRY 100	3	A survey of the world's geographic regions focusing on the location of Earth's major physical features, human populations and cultures and their interactions. Topics include natural systems, globalization, ethnic and geopolitical conflicts and human impacts upon the environment. This course provides both an introduction to geography as a discipline and a basic geographic foundation for those interested in current international issues, politics, history and public affairs. Partially fulfills the general education requirements in the social sciences for the A.A. degree.
Moberly Area Community College	World Geography I	GEO 101	3	GEO 101 is a survey of conditions in Europe, the former Soviet Union, the Middle East, South Asia, and Japan, emphasizing each region's importance to the world as a whole. The physical, cultural, and economic characteristics of each region are included.
North Central Missouri College	Introduction to World Geography	GE 106	3	This course surveys the world's major developed regions and their physical and human characteristics from a geographic perspective. The physical environment includes landforms and climate while the human landscape is characterized by language, religion, population characteristics and economic development.
Ozarks Technical Comm. College	World Geography	GRY-101	3	Students in this course learn the role of geography in the economic, political and social development of each of the regions studied and how the various world

				regions interact with one another.
St. Charles Community College	Principles of Geography	GEO 100	3	Covers the major areas of geographic study, both physical and cultural and how each is distributed globally. Promotes understanding of a multicultural world and the differing values held by people throughout that world.
St. Charles Community College	Geography of the Eastern World	GEOG 101	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
St. Charles Community College	Geography of the Western World	GEOG 102	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
St. Louis Community College	Regional Geography	GEG:101	3	This course surveys various world regions, their major countries, and the physical, cultural, economic, and political roles of these countries within the global family of nations. This course introduces the discipline of geography and provides understanding of the world, its different people, places, and regions. Regional Geography also places an emphasis on the ways that people and places interact across space and time to produce particular outcomes. Technological innovations, the spread of political/economic ideologies, and the movement of people and goods across the globe have made most contemporary problems and solutions global in nature.
State Fair Community College	World Geography	GEOG 101	3	Survey of the major topical elements of geography with additional emphasis on environmental awareness and place -name geography. Designed for prospective elementary and social studies educators.
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
Three Rivers College	World Regional Geography	GEO* K111	3	This course provides students with a survey of the lands, peoples, and places in the world's major cultural regions. Students explore the interaction between the physical environment and cultural, political, and economic conditions in the world's regions. Course fulfills International/Intercultural Requirement.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**INTERNATIONAL RELATIONS**
MOTR COURSE NUMBER	**MOTR POSC 201**
KNOWLEDGE AREA	**SOCIAL & BEHAVIORAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Introductory survey of contemporary international relations between nation-states and non-state actors including international organizations, corporations, terrorists, and other non-governmental actors with analysis of factors that influence cooperation and conflict, including politics, power, economics, trade, resources, military/arms, human rights, and environmental issues.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	World Affairs (International Relations)	POSC 0370	3	Prerequisite: POSC 0200 and HIST 0214 Students discuss and analyze and contemporary relations and problems among nation-states and the major factors which influence these relations.
Lincoln University	International Relations	PSC 460	3	World politics, institutions, and concepts including power, resources, conflict resolution, and international law.
Missouri Southern State University	International Relations	PSC 0321	3	Present-day relations and problems among the states of the world and the major factors which underline and influence these relations.
Missouri State University	International Relations	PLS 232	3	Conflict and cooperation in the nation-state system. Theories on international organization, power politics, regional integration, nationalism, war. Problems of developing areas such as Africa, Latin America and Southeast Asia. Prerequisite PLS 101
Missouri University of Science & Technology	International Relations	POL SCI 2500	3	A general introduction to the theoretical framework, pattern and personalities of international relations with special emphasis upon American foreign policy making. Problems of international economic development, resources, and armaments will also be examined. Prerequisite: Pol Sci 1200 or History 1300 or 1310.
Missouri Western State University	International Politics	PSC 200	3	The nature of politics at the international level; the national state system and state capabilities; foreign policy objectives, formulation, and execution;

				international organizations and alignments; contemporary world tensions. LAS International/Intercultural. Prerequisite(s): PSC 101
Northwest Missouri State University	International Conflict Resolution	POLS 34-421	3	This course focuses on the principles of international relations, illustrated through the use of international conflict resolution.
Southeast Missouri State University	Introduction to Global Issues	PS 280	3	Concepts and theories to analyze global issues emphasizing conflict, cooperation, arms control, human rights, the environment, development, and the role of the United States. Prerequisite: PS 103 or PS 104 or PS 220.
Truman State University	Introduction to International Relations	POL 250	3	The national state system, national policies of great and small powers, and the rise of lesser developed states in a 20th Century context.
University of Central Missouri	World Politics	POLS 2530	3	Introduction to international relations with specific focus on the nature and causes of war, conflict resolution, political, social, economic, and military issues in international politics.
University of Missouri-Columbia	International Relations	POL_SC 1400	3	Contemporary international affairs including family of nations, control of national foreign policies, competition and cooperation in legal, political, economic, social fields.
University of Missouri-Kansas City	International Relations	POL_SC 230	3	An analysis of relations among nations, with emphasis on structures of international power, causes of war, and approaches to peace.
University of Missouri-St. Louis	World Politics	POL SCI 1800	3	An introduction to the field of international relations, covering such topics as nationalism, power, foreign policymaking, diplomacy, war, terrorism, arms control and disarmament, economic interdependence, the regulation of conflict, and other aspects of politics among nations
Crowder College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
East Central College	International Relations	PSC 201	3	A study of the major factors underlying international relations: climate and geography, national concepts and institutions, and the development of foreign policy. Today's problems of developing nations, East vs. West, and nuclear potentials are considered.
Jefferson College	International Relations	PSC 155	3	International Relations is a survey of current international politics including economic, military, and other relations between nations. This course also includes the role of international organizations, multinational corporations, and other non-government actors emphasizing the analysis of why nations and other actors pursue particular policies.
Metropolitan Community College	Introduction to International Relations	POLS 234	3	This course acquaints students with the core concepts, processes, issues, and analytical tools of international relations. The course details the actors in international relations, how foreign policy is made, and the role of power. The course examines past, contemporary, and future problems in the international system, including military conflict, economics, demography, and the environment. Upon completion of this course, students should have a strong basic understanding of international relations.

Mineral Area College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
Missouri State University - West Plains	International Relations	PLS 232	3	Conflict and cooperation in the national state system. Theories on international organization, power politics, international integration/disintegration, nationalism, terrorism, trade and war. Problems of developing areas such as the Middle East, Africa, Asia, Latin America. International/ Intercultural Component.
Moberly Area Community College	International Relations	PSC 150	3	PSC 150 is a study of contemporary international affairs, including the family of nations; the control of national foreign policies; and competition and cooperation in the legal, political, economical, and social fields. (IN)
North Central Missouri College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
Ozarks Technical Community College	International Relations	PLS 201	3	This course is a study of international relations, international behavior, and the role of the nation-state within the international system. Areas of concentration include foreign policy, major social and political forces at work in the contemporary world, theories of international relations, nationalism and conflict/cooperation. *Prerequisite(s):* PLS 101 or GRY 101 .
St. Charles Community College	International Relations	POL 201	3	Study of factors shaping relationships among nations with emphasis upon developing nations and economic, political and environmental issues.
St. Louis Community College	International Relations	PSC 201	3	International Relations looks at the politics and policies among nations. Topics discussed include theories of international politics, levels of foreign policy analysis, conflict and peace, terrorism, globalization, international political economy, and the specific foreign policies of great, middle, and small states.
State Fair Community College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Social & Behavioral Sciences knowledge area.
Three Rivers College	International Relations	GOVT 233	3	This course is the study of basic factors governing international relationships among nations and how those factors figure in current world problems.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**AMERICAN GOVERNMENT**
MOTR COURSE NUMBER	**MOTR POSC 101**
KNOWLEDGE AREA	**SOCIAL & BEHAVIORAL SCIENCES, CIVICS**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Introductory survey of American and Missouri government constitutions, institutions, politics, and processes. Students develop an understanding of the foundations and environment of the American political system by examining the principles of democracy and political ideology and thought upon which the US and State of Missouri is based, outline the government's institutions, describe and evaluate the key concepts about voting, political parties, campaigns, and other forms of political participation, understand the interactions between the branches of government, the citizens, and how those interactions create domestic and foreign policy. Students develop • an understanding of the foundations and environment of the American political system by examining the principles of democracy and political ideology and thought upon which the US and State of Missouri is based, • outline the government's institutions, • describe and evaluate the key concepts about voting, political parties, campaigns, and other forms of political participation, • understand the interactions between the branches of government, the citizens, and how those interactions create domestic and foreign policy. This course meets instruction (Missouri Revised Statute 170.011.1) in the Constitution of the United States and of the state of Missouri and in American history and institutions.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	American Government	POSC 0200	3	This course is an introductory explanation of how American government works. It covers the legislative, executive and judicial branches of both national and state government. It also discusses elections, political parties and interest groups. The United States and Missouri Constitutions are included.

Lincoln University	American National Government	PSC 203	3	Origin, development, structure, functions and problems of the national government. Special reference to recent trends and U.S. and Missouri Constitutions
Missouri Southern State University	Government: US State and Local	PSC 0120	3	Designed to give students an understanding of their governments, enabling them to keep up with political developments with the goal of becoming informed citizens needed to sustain democracy. Successful completion of this course fulfills the requirements for the state-mandated Missouri Constitution Test.
Missouri State University	American Democracy and Citizenship	PLS 101	3	All students enrolling for PLS 101 must be eligible for ENG 110 or higher. This course familiarizes students with the institutions and constitutional framework of the United States and Missouri. The course emphasis is on the values, rights, and responsibilities that shape the public decision making of active and informed citizens and influence contemporary public affairs in a democratic society.
Missouri University of Science & Technology	American Government	POL SCI 1200	3	National, state and local government in the United States with special emphasis on political behavior and the institutions that determine and execute public policy. Topics include basic structure of American government, (i.e., democracy, the Constitution, the branches of government), as well as citizenship, parties, pressure groups and American economic policy. The course views government in its relation to its people, its services and protection.
Missouri Western State University	American National Government	PSC 101	3	The American constitutional system, including Congress, the presidency, and the courts; and public issues.
Northwest Missouri State University	Introduction to American Government & Politics	POLS 34-102	3	Attention is directed toward the fundamental principles, institutions, and problems of American Constitutional Government-national, state, and local. Particular stress is given to the Missouri Constitution, as well as to national Constitutional growth.
Southeast Missouri State University	U.S. Political Systems	PS 103	3	Institutions and processes of national and state government, including an analysis of the Missouri Constitution.
Truman State University	American National Government	POL 161	3	This course covers the principles, organization, and functions of American national government. The role of public attitudes, voting and elections in shaping the behavior of that government are also studied. May be applied toward the Public Administration Minor.
University of Central Missouri	American Government	POLS 1510	3	The nature, philosophical bases, development, functions, structure, and processes of the government and politics of the United States and of Missouri. Emphasis on and analysis of the nature and development of the provisions and principles of the Constitution of the United States and of Missouri.
University of Missouri-Columbia	American Government	POL SC 1100	3	Topics covered include Constitution, federalism, civil liberties, political attitudes, interest groups, political parties, nominations, elections, and campaigns, voting behavior, Congress, Presidency, bureaucracy, and judiciary. Meets state law requirement.
University of Missouri-Kansas City	American Government	POL-SCI 210	3	American government and politics, with special reference to the U.S. Constitution. This course meets the state requirement for study of the U.S. and Missouri

				Constitutions.
University of Missouri-St. Louis	American Politics	POL SC 1100	3	Introduction to basic concepts of government and politics with special reference to the United States, but including comparative material from other systems. Course fulfills the state requirement.
Crowder College	National, State, Local Government	PLSC 103	3	PLSC 103 introduces the basic principles and structures of the American national government, and state and local government organizations and functions. Emphasis is placed on constitutional development and interpretation; the place of government in the social process; and the function of the executive, legislative, and judicial branches. Successful completion of PLSC 103 fulfills the State of Missouri constitution requirements and partially fulfills Social & Behavioral Science general education requirements.
East Central College	US Government I (National & State)	PS 102	3	An introduction to the basic principles and structures of American, national, state, and local governments. Emphasis will be placed upon the federal system; constitutional development and interpretation; civil liberties; political parties; the executive, legislative, judicial branches; and federal administrative agencies. PS 102 complies with the provisions of Section 170.011 RSMo requiring the study of state and federal constitutions.
Jefferson College	U.S. & Missouri Governments & Constitutions	PSC 102	3	U.S. and Missouri Governments and Constitutions examines the U.S. and Missouri Constitutions including their impact on federal, state, and local government structure and power. Focus is on citizen and group efforts to influence government policies. This course fulfills the Missouri and U.S. Constitutions requirement.
Metropolitan Community College	Introduction to American & National Politics	POLS 136	3	Principles of political science. Examination of the development, organization, and function of the national government. Its relationship to the cultural, economic, and social institutions of the United States, Federal and Missouri constitutions.
Mineral Area College	American Political Systems	POS 1180	3	following: a minimum score of 18 on the ACT reading or eligible placement test score, or a minimum grade of C in RDG0900, ENG0990, or ENG0090, or have earned 24 college-level semester credit hours. A required course of all students pursuing the AA, AAT or AGS degree; covers local, state and national government systems. Satisfies the U.S. and Missouri constitution requirements.
Missouri State University.-West Plains	American Democracy and Citizenship	PLS 101	3	All students enrolling for PLS 101 must be eligible for ENG 110 or higher. This course familiarizes students with the institutions and constitutional framework of the United States and Missouri. The course emphasis is on the values, rights, and responsibilities that shape the public decision making of active and informed citizens and influence contemporary public affairs in a democratic society
Moberly Area Community College	Functions and Policies of American Government	PSC 105	3	This course covers the study of national government, including its organization, functions, and policies. Detailed attention is given to the policy-making process and to the roles of various government functions. Attempts are made to relate government to everyday life. The course identifies major problems of American society affecting the policy-making process. A study of the federal and Missouri constitutions is included in this course.

North Central Missouri College	National Government	PL 216	3	A basic introductory course to acquaint the student with the workings of the national government and the political system which bolsters it. Emphasis is placed on governmental structure, using the historical approach to answer the questions as to why the United States system has developed in the manner it has. The Constitution is dealt with in detail as the source of governmental power (Meets the Missouri Constitutional Requirements). PREREQUISITE: Appropriate placement score or successful completion of DS 015
Ozarks Technical Community College	American Government & Politics	PLS 101	3	This course is an introduction to the origin, organization and policy of the United States and state government. The course fulfills Missouri state law requiring instruction in the Constitutions of the United States and Missouri.
St. Charles Community College	American Government	POL 101	3	Basic concepts of political science with major emphasis on origin, principles, organization, and nature of American federal system and its politics. POL 101 complies with provisions of Section 170.011 RSMo.
St. Louis Community College	Introduction to American Politics	PSC 101	3	Introduction to American Politics surveys the American political system. Basic values, past and current Constitutional issues, government processes and institutions, and citizen rights are discussed in a modern framework. National, state, and local political issues are covered. Reading Proficiency.
State Fair Community College	American/National Government	POLS 101	3	Survey course of the American government and political systems. Particular attention is given to the government's origins, politics, the branches of government, and policy making. The Missouri Constitution is included to meet the requirements of Senate Bill No. 4.
State Technical College of Missouri	American Government	PSC 101	3	This course is a survey of American political institutions on the national, state, and local levels. It deals with the basic philosophical foundations of these institutions, their organization, and function. Course readings, discussions, and tests comply with state requirements regarding the Missouri and federal constitutions.
Three Rivers College	National & State Government	GOVT 121	3	The course is a survey of the Federal Government and the political system of the United States through its organization and function from colonial institutions through its present-day powerful development. This course satisfies the state legislative requirement for graduation.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**AMERICAN HISTORY I**
MOTR COURSE NUMBER	**MOTR HIST 101**
KNOWLEDGE AREA	**SOCIAL & BEHAVIORAL SCIENCES, CIVICS**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Introductory survey of the early history of the United States from the period of discovery of America by Europe to 1877. Students should be able to: • Understand significant trends, movements, and events in American history. • Identify and interpret primary and secondary sources, placing them in the context of their time and place and assessing them for reliability and point of view. • Formulate historical arguments based on specific evidence from the sources • Demonstrate an understanding of historical chronology and respect the distinctive integrity of the past. • Appreciate the multiple political, social, economic, and cultural dimensions of the human experience. • Use historical analysis to evaluate cause and effect, comparisons and contrasts, and patterns of continuity and change over time. This course meets instruction (RSMo 170.011.1) in the Constitution of the United States and of the state of Missouri and in American history and institutions.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	U.S. History I	HIST 0143	3	This course surveys the history of the United States from the European encounter to the end of the Civil War.
Lincoln University	United States History I	HIS 205	3	Survey of political, economic, and social development of the United States to 1877 including the development of the Missouri and U.S. Constitutions.
Missouri Southern State University	US History 1492-1877	HIST 0110	3	Survey of the United States from colonial times to 1877. Meets the General Education requirement for all majors. Prerequisite: 17 or higher on the ACT Reading section or 15 hours completed with a GPA of 2.5 or higher

Missouri State University	Survey of the History of the United States to 1877	HST 121	3	Formation of the United States and its civilization from the Age of Discovery through the Reconstruction Era, with emphasis on the influence of the Frontier and the Native American, European and African heritages; the constitutional development of the federal government; the evolution of the nation's economic system, social fabric and diplomatic experiences.
Missouri University of Science & Technology	American History to 1877	HISTORY 1300	3	Survey of the history of the American colonies and United States from colonial times through Reconstruction.
Missouri Western State University	American History to 1865	HIS 140	3	The discovery of America to the end of the Civil War; colonial America, the Revolution, national development, sectionalism, and the Civil War.
Northwest Missouri State University	America – A Historical Survey	HIST 33-155	3	Now titled "The United States to 1877"–An introduction to the themes, events, people, issues, and debates in U.S. history from the earliest settlements through Reconstruction.
Southeast Missouri State Univ.	American History I	US 105	3	A study of the history of the United States from the colonial beginnings to 1877.
Truman State University	US History I, 16071877	HIST 104	3	A survey of major themes and events in American history from European settlement though Reconstruction.
University of Central Missouri	History of the United States to 1877	HIST 1350	3	Survey of U.S. history from the age of exploration to 1877.
University of Missouri-Columbia	Survey of American History to 1865	HIST 1100	3	Introduction to U.S. history through the Civil War, surveying political, economic, social and cultural development of the American people. No credit will be given to students who have received credit In HIST 1400 (AP credit for US History).
University of Missouri-Kansas City	American History to 1877	HISTORY 101	3	This course offers a broad survey of American history up to 1877.
University of Missouri-St. Louis	American Civilization	HIST 1001	3	Evolution of the cultural tradition of the Americas from the earliest times to the mid-nineteenth century, with emphasis on the relationship of ideas and institutions to the historical background. Course fulfills the state requirement.
Crowder College	US History I	HIST 106	3	This introductory course surveys the development of American culture from the Colonial Period through Reconstruction. The growth of political, social and economic institutions is emphasized. Successful completion of History 106 at an accredited Missouri college fulfills the Missouri State requirements in constitutional study and partially fulfills Social & Behavioral Science general education requirements. (Prerequisite: Reading at least at college level)
East Central College	US History to 1865	HI 1103	3	A survey of the cultural, economic, political, and social forces and events that have shaped the United States from the arrival of the first native peoples through the end of the Civil War. U.S. History 1103 complies with the provisions of Section 170.011 RSMo requiring the study of federal and state constitutions.
Jefferson College	US History I to Reconstruction	HST 103	3	U.S. History I to Reconstruction shows the development of the United States from Columbian contact through post-Civil War reconstruction. This course is designed

				to help students understand and function in their society. U.S. History I to Reconstruction fulfills the Missouri and U.S. Constitution requirements
Metropolitan Community College	American History (pre-Civil War)	HIST 120	3	Survey of American history and institutions from pre-Columbian times through the Civil War. Examines economic, social, cultural, intellectual, and political development. Federal and Missouri constitutions.
Mineral Area College	American History I	HIS 1230	3	A survey of the political, economic, constitutional, diplomatic, social and cultural developments of the U.S. through the Reconstruction period. Partially fulfills Missouri state law requiring instruction in U.S. and Missouri constitutions.
Missouri State Univ.-West Plains	Survey of the History of the U.S. to 1877	HST 121	3	Formation of the United States and its civilization from the Age of Discovery through the Reconstruction Era, with emphasis on the influence of the Frontier and the Native American, European and African heritages; the constitutional development of the federal government; the evolution of the nation's economic system, social fabric and diplomatic experiences.
Moberly Area Community College	American History to 1865	HST 105	3	This course is a survey of the economic, social, and diplomatic aspects of the United States from 1492 to the Civil War. A study of the federal and Missouri constitutions is included
North Central Missouri College	American History to 1877	HI 103	3	A survey course of the history of the United States covering European backgrounds, the colonial and Constitution periods, national expansion and development through Reconstruction. (Meets the Constitutional Requirement). PREREQUISITE: Appropriate placement score or successful completion of DS 015.
Ozarks Technical Comm. College	U.S. History I: to 1865	HST 120	3	This course is a survey of the history of the United States from pre-Columbian societies through the Civil War, including formative political, social, economic and cultural developments. It also introduces students to history as an academic discipline and requires analysis, synthesis and evaluation of primary and secondary materials in reading, discussion and writing. Students taking both HST 120 and HST 130 satisfy the Missouri state law requiring instruction in the United States and Missouri Constitutions.
St. Charles Community College	US History to 1877	HIS 101	3	Survey of historical, cultural, political, economic, and institutional forces and events that shaped United States history through period of Reconstruction. HIS 101 complies with provisions of Section 170.011 RSMo.
St. Louis Community College	United States History to 1865	HST 101	3	United States History to 1865 surveys the cultural, economic, institutional, political, and social forces and events which have shaped the United States from the colonial period through the Civil War.
State Fair Community College	US History Before 1877	HIST 101	3	Survey of the political, economic and social development of the United States from its European origins through the Reconstruction Process. A study of the Missouri Constitution is included to meet the state's requirements in Senate Bill No. 4.
State Technical College of Missouri	American History to 1877	HST 105	3	This course surveys political, cultural, economic, and social development of the United States from 15th century European exploration through reconstruction. Course readings, discussions, and tests comply with state requirements regarding

				the Missouri and federal constitutions.
Three Rivers College	American History to 1877	HIST 111	3	A general survey of the history of the United States from discovery and exploration through the Civil War and Reconstruction, emphasizing political, economic, social and cultural factors.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	AMERICAN HISTORY II
MOTR COURSE NUMBER	MOTR HIST 102
KNOWLEDGE AREA	SOCIAL & BEHAVIORAL SCIENCES, CIVICS
TRANSFER CREDITS	3
MOTR COURSE DESCRIPTION	Introductory survey of United States history from 1877 to the present. Students should be able to: • Understand significant trends, movements, and events in American history. • Identify and interpret primary and secondary sources, placing them in the context of their time and place and assessing them for reliability and point of view. • Formulate historical arguments based on specific evidence from the sources • Demonstrate an understanding of historical chronology and respect the distinctive integrity of the past. • Appreciate the multiple political, social, economic, and cultural dimensions of the human experience. • Use historical analysis to evaluate cause and effect, comparisons and contrasts, and patterns of continuity and change over time. This course meets instruction (RSMo 170.011.1) in the Constitution of the United States and of the state of Missouri and in American history and institutions.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	U.S. History II	HIST 0144	3	Prerequisite: HIST 0143 This course covers major themes and events in American history since the Civil War.

Lincoln University	United States History II	HIS 206	3	Survey of political, economic, and social development of the United States since 1877 including changes in the Missouri and U.S. Constitutions.
Missouri Southern State University	U.S. History 1877 to Present	HIST 0120	3	Survey of the economic, social, and political development of the United States from 1877 to the present. Meets the General Education requirement for all majors. Prerequisite: 17 or higher on the ACT Reading section or 15 hours completed with a GPA of 2.5 or higher.
Missouri State University	Survey of US History Since 1877	HST 122	3	Modernization of the United States and its role in world affairs from the late 19th Century to the present, with emphasis on industrialization and urbanization and their impact on socioeconomic and international developments.
Missouri University of Science & Technology.	American History Since 1877	HISTORY1310	3	Survey of the history of America since Reconstruction.
Missouri Western State University	American History Since 1865	HIS 150	3	Continuation of HIS 140. Reconstruction, industrialization, urbanization, emergence as a world power, progressivism, World War I, the New Deal, World War II, and postwar America.
Northwest Missouri State University	The United States Since 1877	History 33-156	3	An introduction to the themes, events, people, issues, and debates in U.S. history since Reconstruction.
Southeast Missouri State Univ.	American History II	US 107	3	A study of the history of the United States from 1877 to the present.
Truman State University	United States History II, 1877-present	HIST 105	3	A survey of major themes and events in United States history from the end of Reconstruction through the present.
University of Central Missouri	History of the US from 1877	HIST 1351	3	Survey of U.S. history from 1877 to present
University of Missouri-Columbia	Survey of Amer. History Since 1865	HIST 1200	3	Introduction to U.S. history since 1865, surveying political, economic, social, and cultural development of the American people. No credit will be given to students who have received credit In HIST 1400 (AP credit for US History).
University of Missouri-Kansas City	U.S. History Since 1877	HISTORY 102	3	This course covers American history from the end of Reconstruction to the present.
University of Missouri-St. Louis	American Civilization	HIST 1002	3	Continuation of HIST 1001 to the present. Course fulfills the state requirement. Either HIST 1001 or HIST 1002 taken separately.
Crowder College	U.S. History II	HIST 107	3	History 107 surveys United States economic, social, political and diplomatic history from Reconstruction to the late twentieth century. Students successfully completing this course partially fulfill Social & Behavioral Science general education requirements. (Prerequisite: Reading at least at college level) (Note: HIST 106 is not a prerequisite for HIST 107)
East Central College	U.S. History 1865-1945	HI 1203	3	A survey of the cultural, economic, political, and social forces and events that have shaped the history of the United States from Reconstruction through the end of World War II. U.S. History 1203 complies with the provisions of Section 170.011

				RSMo requiring the study of the federal and state constitutions.
Jefferson College	U.S. History II from Reconstruction	HST 104	3	U.S. History II from Reconstruction shows the development of the United States reconstruction to the present. This course is designed to help students understand and function in their society. U.S. History II from Reconstruction fulfills the Missouri and U.S. Constitution requirements.
Metropolitan Community College	U.S. History Since 1865	HIST 121	3	Survey of American history and institutions from the Civil War to the present. Examines economic, social, cultural, intellectual, and political development. Federal and Missouri constitutions.
Mineral Area College	American History II	HIS 1240	3	American History II Prerequisite: Must have met one of the following: a minimum score of 18 on the ACT reading or eligible placement test score, or a minimum grade of C in RDG0900, ENG0990, or ENG0090, or have earned 24 college-level semester credit hours. A survey of the political, economic, constitutional, diplomatic, social and cultural developments of the U.S. from the Reconstruction period to the present.
Missouri State Univ.-West Plains	Survey of US History Since 1877	HST 122	3	Modernization of the United States and its role in world affairs from the late 19th Century to the present, with emphasis on industrialization and urbanization and their impact on socioeconomic and international developments.
Moberly Area Community College	American History from 1865	HST 106	3	This course is a survey of the economic, social, and diplomatic aspects of the United States from 1492 to the Civil War. A study of the federal and Missouri constitutions is included.
North Central Missouri College	American History Since 1877	HI 104	3	A continuation of HI 103. A survey course considering national growth and development, and the constantly broadening sphere of American participation in world affairs from Reconstruction to the present time.
Ozarks Technical Comm. College	U.S. History II: 1865 to Present	HST 130	3	This course is a survey of the history of the United States from Reconstruction to the present, covering the political, economic, social and cultural developments that have shaped modern America. It introduces students to history as an academic discipline and requires analysis, synthesis and evaluation of primary and secondary materials in reading, discussion and writing. Students taking both HST 120 and HST 130 will satisfy the Missouri state law requiring instruction in the United States and Missouri Constitutions.
St. Charles Community College	U.S. History Since 1877	HIS 102	3	Survey of the historical, cultural, political, economic, and institutional forces and events that shaped United States history from 1877 to present. HIS 102 complies with provisions of Section 170.011 RSMo.
St. Louis Community College	U.S. History from 1865 to Present	HST 102	3	United States History from 1865 to the Present surveys the cultural, economic, institutional, political and social forces and events which have shaped the United States from the Civil War to the present.
State Fair Community College	US History Since 1877	HIST102	3	Survey of the political, economic, social, and military development of the United States from 1877 to the present. A study of the Missouri Constitution is included to meet the state's requirements in Senate Bill No. 4.

State Technical College of Missouri	American History from 1877 to Present	HST 110	3	This course surveys political, cultural, economic, and social development of the United States from the end of reconstruction and the settling of the West to present day. Course readings, discussions, and tests comply with state requirements regarding the Missouri and federal constitutions.
Three Rivers College	American History Since 1877	HIST 112	3	A general survey of the history of the United States from the period of the growth of big business following the Civil War to the present day, stressing political, economic, social and cultural factors in the growth of America.

Missouri Higher Education Core Transfer Curriculum

Communications Knowledge Area

Written Communication: Objectives

State-level Goal

To prepare students to communicate effectively with writing that exhibits solid construction resulting from satisfactory planning, discourse, and review. Students will understand the importance of proficient writing for success in the classroom and the workforce.

Suggested Competencies

Students will demonstrate the ability to . . .

- Demonstrate critical and analytical thinking for reading, writing, and speaking.
- Compose sound and effective sentences.
- Compose unified, coherent and developed paragraphs.
- Understand and use a recursive writing process to develop strategies for generating, revising, editing and proofreading texts.
- Produce rhetorically effective discourse for subject, audience, and purpose.

Demonstrate effective research and information literacy skills

Written Communication: Courses				
3 credit hours minimum				
MOTR Number	MOTR Title	Transfer Credits	Equivalent Courses	MOTR COURSE DESCRIPTION
MOTR ENGL 100	Composition I	3	Matrix	In Composition I, students develop critical reading and writing processes through a series of essays that culminate in a research-supported assignment. Additionally, students learn to integrate expert and academic source material and consider a variety of specific audiences as they practice developing and supporting claims. Rhetorical sensitivity and argumentation are refined as tools essential to convincing a modern, educated audience.
MOTR ENGL 200	Composition II	3	Matrix	Composition II continues the development of the writing skills established in Composition I. Typically, this course has an increased emphasis on writing to expert and academic audiences and introduces the ideas and patterns of discipline-specific knowledge, research, and writing techniques.
MOTR ENGL 110	Technical Writing	3		UNDER CONSIDERATION BY CCAC

Written Communication
COURSE EQUIVALENCIES

CORE 42 MOTRANSFER GUARANTEED

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	COMPOSITION I
MOTR COURSE NUMBER	MOTR ENGL 100

KNOWLEDGE AREA	WRITTEN COMMUNICATION			
TRANSFER CREDITS	3			
MOTR COURSE DESCRIPTION	In Composition I, students develop critical reading and writing processes through a series of essays that culminate in a research-supported assignment. Additionally, students learn to integrate expert and academic source material and consider a variety of specific audiences as they practice developing and supporting claims. Rhetorical sensitivity and argumentation are refined as tools essential to convincing a modern, educated audience.			
INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	English Composition I	ENG 0110 I	3	Prerequisite: Evidence of college-level readiness in English composition. English Composition I emphasizes the process of writing effectively for a variety of audiences and purposes.
Lincoln University	English Composition & Rhetoric I	ENG 101	3	A writing course that focuses on personal, descriptive, and narrative types of essay writing.
Missouri Southern State University	College Composition I	ENG 0101	3	An introduction to the principles of college-level writing and critical thinking. Students will write a number of essays for a variety of purposes and audiences.
Missouri State University	Writing I	ENG 110	3	ENG 110–An introduction to college-level writing in which students develop critical reading and writing skills. The emphasis in reading has students locating, evaluating, and synthesizing information in an analytical and ethical manner. The emphasis in writing develops students' understanding of the ways writers generate and express ideas of different purposes to various kinds of audiences across a range of context, including social, academic, and professional. Students work on argumentation, rhetorical analysis, and editing for clarity, style, and conventions.
Missouri University of Science & Technology	Exposition And Argumentation	ENGLISH 1120	3	Practice in college level essay writing.
Missouri Western State University	College Writing and Rhetoric	ENG 104	3	Instruction in reading and writing; emphasizes expository prose. Fulfills first half of the general studies requirement in English composition.
Northwest Missouri State University	Composition I: Academic Literacies	ENGL 10-111	3	Study and practice in reading and writing texts towards development of college-level academic literacies. Students will engage through writing and reading in knowledge-based inquiry and sustained critical thinking for the purpose of better understanding the subject or issue. Concepts taught will include academic rhetoric and argumentation, research and documentation.
Southeast Missouri State Univ.	English Composition	EN 100	3	Focus on techniques of effective written expression.

Truman State University	Writing as Critical Thinking	ENG 190	3	Writing as Critical Thinking requires students to read, think, and write carefully and critically, using instructor and peer response as well as self-assessment for revision. Students generate topics that are of interest to them as well as to the communities to which they belong, at Truman State University and beyond. Students are expected to anticipate the demands of various audiences and purposes as they explore questions and issues raised in readings and discussion. Academic honesty and the conventional use of academic sources are also expected, as is the skilled use of academic prose.
University of Central Missouri	Composition I	ENGL 1020	3	The logic and rhetoric of expository writing.
University of Missouri-Columbia	TITLE NEEDED	ENGLSH 1010W	3	DESCRIPTION NEEDED
University of Missouri-Kansas City	English I: Introduction to Academic Prose	ENGLISH 110	3	This course introduces students to college-level reading, writing, and discourse analysis: it engages students in the analysis and creation of texts that reveal multiple perspectives about specific rhetorical situations and cultural issues. In addition to learning how to revise by analyzing their own writing, students will learn to edit their own work and use proper academic documentation.
University of Missouri-St. Louis	No equivalent course			Students transferring to this institution will receive 3 credits in the Communications knowledge area.
Crowder College	English Composition	ENGL 101	3	The primary aim of this freshman writing course is to give students instruction and practice in writing mechanically correct, well organized, and well-developed expository themes on topics of importance and significance.
East Central College	English Comp I	EN 1223	3	English Composition I is designed to improve students critical thinking, reading, and writing skills. Emphasis is on the writing process and practice of textual analysis to produce academic essays. Comp I also addresses the fundamentals of argument, research and documentation.
Jefferson College	English Composition I	ENG 101	3	Composition I offers the student the opportunity to learn to write competent expository essays and to do preliminary research. Students will review grammar and mechanics, but the emphasis is on the writing process. English Composition I is required for all degrees.
Metropolitan Community College	Composition and Reading I	ENGL 101	3	Focus on instruction in the composing process that includes exploration of ideas through reading, methods of writing development, and use of writing conventions. Instruction takes students from reflective expression to critical analysis through writing.
Mineral Area College	English Composition I	ENG 1330	3	English Composition I is a purpose-based writing course designed to guide the student through writing based on the rhetorical situation. Importance is placed on mastery of writing necessary to the student's education and career. Emphasis will be placed on critical thinking necessary to a writing process and producing clear, organized and well-developed writing. Instruction will also include basic research skills, MLA guidelines, mechanics, usage and grammar.

Missouri State Univ.-West Plains	Writing I	ENG 110	3	ENG 110–An introduction to college-level writing in which students develop critical reading and writing skills. The emphasis in reading has students locating, evaluating, and synthesizing information in an analytical and ethical manner. The emphasis in writing develops students' understanding of the ways writers generate and express ideas of different purposes to various kinds of audiences across a range of context, including social, academic, and professional. Students work on argumentation, rhetorical analysis, and editing for clarity, style, and conventions.
Moberly Area Community College	Composition I	LAL 101	3	This course teaches the process of writing, from prewriting to revision. Focus is on reading and critical thinking, essay writing, and literary analysis. Course provides practice in computer-assisted writing and oral communication.
North Central Missouri College	English I	EN 101	3	An introduction to expository and argumentative writing, emphasizing reading, critical thinking and analytical writing skills. Several short papers are assigned, with emphasis on the writing process.
Ozarks Technical Comm. College	Composition I	ENG-101	3	English 101 introduces students to college-level writing and thinking through personal narrative, analytical and research-supported writing. The processes of critical thinking, composing, revising and editing are emphasized. Students will learn basic research skills and documentation techniques.
St. Charles Community College	English Composition I	ENG 101	3	College-level writing course required for all other college-level writing classes. Emphasizes essay structure, ways of organizing information, and use of sources. Basic research skills and critical thinking skills as integral part of course.
St. Louis Community College	College Composition I	ENG 101	3	This course primarily focuses on the development of writing techniques. Students will develop effective writing styles, writing processes, revision practices, and analytical skills.
State Fair Community College	English Composition I	ENGL 101	3	Emphasizes planning, drafting and revising along with critical thinking and information management skills and their role in communicating concise written ideas to a range of audiences for a variety of purposes. Basic computer skills are essential for successful completion.
State Technical College of Missouri	English Composition	COM 101	3	This course is for students to progress their college-level writing skills by practicing the writing process, including prewriting, writing, revising, and editing. Emphasis will be placed on distinguishing between fact and opinion, supporting opinions with facts, and organizing ideas in a logical manner. Students will progress from basic to more complex essays utilizing a variety of rhetorical modes and understanding the basic components of research.
Three Rivers College	College Writing	ENGL 111	3	This course introduces students to college level writing and establishes standards for writing essays in the rhetorical modes. Expository writing is used as a basis for study and discussion with extensive practice in reading critically and improving essays through revision. Students will also learn to conduct research using library and internet sources following MLA guidelines. Students should have basic keyboarding skills.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**COMPOSITION II**
MOTR COURSE NUMBER	**MOTR ENGL 200**
KNOWLEDGE AREA	**WRITTEN COMMUNICATION**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Composition II continues the development of the writing skills established in Composition I. Typically, this course has an increased emphasis on writing to expert and academic audiences and introduces the ideas and patterns of discipline-specific knowledge, research, and writing techniques.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	English Composition II	ENG 0110 II	3	Prerequisite: ENG 0110I English Composition II builds upon the skills developed in English Composition I and focuses primarily upon the process of writing with sources.
Lincoln University	Composition & Rhetoric II	ENG 102	3	A writing course that focuses on argumentative and persuasive writing, with a limited introduction to research and the fundamentals of literary analysis.
Missouri Southern State University	College Composition II	ENG 0102	3	College Composition II Writing Intensive. Continued development of writing skills. Emphasizes writing from sources. Initiation, development and completion of a research paper.
Missouri State University	Writing II: Writing Across the Disciplines	ENG 210	3	Practice in the writing and research of various disciplinary fields of study; experience with integrating and applying academic forms to specific problems and situations. Includes the study of ways knowledge is made and expressed in various disciplines.
Missouri University of Science & Technology	Writing and Research	ENGLISH 1160	3	Practice in techniques of analytical writing and in methods of research.

Missouri Western State University	College Writing and Research	ENG 108	3	Instruction in college-level research and rhetoric: continued practice in college-level writing. Fulfills second half of the General Studies requirement in English composition.
Northwest Missouri State University	Composition II: Writing as Engagement	ENGL 10-112	3	Study and practice of writing as a form of engagement in public and personal contexts. Builds on skills practiced in English 111 (academic rhetoric, argumentation, research, and documentation) while broadening the contexts in which these skills are used. Students will complete an extensive writing project which may incorporate various forms of writing and other media
Southeast Missouri State Univ.	Rhetoric and Critical Thinking	EN 140	3	Focus on effective written expression in the context of a liberal education; emphasis upon critical thinking and the research paper. Prerequisite: EN 100 or advanced placement.
Truman State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
University of Central Missouri	Composition II	ENGL 1030	3	Advanced writing involving research and the construction of academic arguments.
University of Missouri-Columbia	Exposition and Argumentation	ENGLSH 1000	3	Stresses writing as a process, with due attention given to critical reading and thinking skills applicable to all college classes, as well as to invention, drafting, revising, and rewriting.
University of Missouri-Kansas City	English II: Intermediate Academic Prose	ENGLISH 225	3	This course extends the work of ENGLISH 110 with an additional emphasis on research. Each section of ENGLISH 225 uses a combination of book-length and shorter texts on focus on specific historical and/or cultural issues. As they learn to participate in scholarly conversations, students will find and evaluate library and internet sources. As with ENGLISH 110, this course emphasizes revision, editing, and proper academic documentation.
University of Missouri-St. Louis	First-Year Writing	ENGL 1100	3	Integrates critical reading, writing, and thinking skills and studies actual writing practices. Sequenced reading and writing assignments build cumulatively to more complex assignments. Includes formal and informal writing, drafting and revising, editing for correctness, synthesizing source material, and documenting sources accurately.
Crowder College	Advanced English Composition	ENGL 102	3	This writing course continues the study of clearly effective written expository prose for those who have successfully completed English 101. In addition, students advance to study more complex methods of thesis development, particularly argument. Research and documentation procedures are integral subject matter.
East Central College	English Composition II	EN 1333	3	English Composition II is a second course in composition focused on in-depth critical thinking, reading, and writing. Students will write analytically, utilizing argumentation and research skills, while examining a wide range of literature.
Jefferson College	English Composition II	ENG 102	3	English Composition II continues the study of the writing process stressed in Composition I. Students will practice reading and writing critically and analytically, writing exposition, persuasion/argumentation, and the research paper.

Metropolitan Community College	Composition and Reading II	ENGL 102	3	102 COMPOSITION & READING II Students are asked to analyze and evaluate persuasive essays for the writer's use of logical thinking. Students will develop research skills for the purpose of creating documented essays that reflect critical thinking and logical argument.
Mineral Area College	English Composition II	ENG 1340	3	Emphasizes argument, critical thinking, research and documentation. Students will be expected to read critically and synthesize information cogently and effectively.
Missouri State Univ.-West Plains	Writing II: Academic Writing	ENG 210	3	Study practice of the discourse conventions of academic writing about public affairs from the perspective of an educated person. Preparation for writing within disciplines.
Moberly Area Community College	Compoistion II	LAL 102	3	Students are introduced to research writing through originality, organization, and persuasion. Focus is on critical thinking when conducting research, considering sources, and synthesizing information.
North Central Missouri College	English II	EN 102	3	A continuation of EN 101, emphasizing longer and more impersonal and critical writing forms. Organizational skills are developed through the outline and summary units; analytical reading and critical thinking are stressed. A thorough use of library and online resources is required for the bibliography unit and the final research paper.
Ozarks Technical Comm. College	Composition II	ENG 102	3	This course continues developing students' abilities to use research and writing to make informed conclusions. In addition, the course develops students' skills to communicate these conclusions to professional and expert audiences. Emphasis is placed on honing skills of audience analysis, analytical reading, critical thinking, research methods, and persuasive writing. Also, this course will introduce students to patterns and conventions of multiple disciplinary communities.
St. Charles Community College	English Composition II	ENG 102	3	Advanced college-level writing course emphasizing analysis and in-depth research. Critical reading and thinking skills as well as library skills are an integral part of this course.
St. Louis Community College	College Composition II	ENG 102	3	This course builds on knowledge and skills learned in ENG 101 and primarily focuses on argumentative and persuasive writing techniques. Students will develop effective writing processes, writing styles, research abilities, analytical skills, and argumentative tools.
State Fair Community College	English Composition II	ENG 102	3	Combines the process writing techniques acquired in ENGL 101 with higher-order reasoning and advanced research skills to communicate ideas in meaningful and effective writing. Basic computer skills are essential for successful completion.
State Technical College of Missouri	English Composition Writing the Research Paper	COM 102	3	This course is for students to continue developing composition skills. This course stresses writing as a process designed to teach students to find and use library and online resources, to analyze reading materials, to organize and present information accurately, and to cite research sources correctly.
Three Rivers College	College Writing	ENGL 112	3	This course focuses on extended critical inquiry, in-depth library and electronic research, and extensive practice with argumentative academic writing. Students

				will apply concepts of critical thinking to argumentative and persuasive communication. In addition, students will apply appropriate research and documentation techniques and evaluate source materials.

Oral Communication: Objectives

State-level Goal

To prepare students to communicate effectively with oral presentations that demonstrate appropriate planning and expressive skills. Students will understand the role of public speaking for success in the classroom and society.

Suggested Competencies

Students will demonstrate the ability to . . .

- Use productive imagination for the discovery and evaluation of appropriate arguments relating to a chosen topic through effective research.
- Will demonstrate they understand the basic process of audience analysis;
- Use, identify, and create speeches for different types of speaking purposes,
- Demonstrate effective preparation skills in the organization of speeches into three appropriate sections and preparing each section using the appropriate information and transitions between information and sections.
- Utilize and understand the patterns of organization to structure information for each specific type of speech. Students will use parallel ideas and information on different levels of abstraction in these patterns.
- Demonstrate effective skill at composing and developing arguments with appropriate support that is unified, coherent and fully developed utilizing the tenets of good writing and research.
- Understand the complex issue of good delivery and show improved personal confidence and the ability to manage communication apprehension.
- Demonstrate effective listening skills as it relates to critical understanding of speech topics and critique of that speaking.
- Demonstrate that they understand and take part in ethical speaking and listening during presentations.
- Understand communication ethics for both speech preparation and critiquing of peer speeches by utilizing responsible research and citing sources, preparing speeches with integrity when dealing with information and sources, and using emotional and logical appeals responsibly.

Students will demonstrate and understand the role of public speaking in citizenry and how public speaking can contribute to success in the classroom and society.

Oral Communication: Courses

3 credit hours minimum

MOTR Number	MOTR Title	Transfer Credits	Equivalent Courses	Course Description
MOTR COMM 100	Introduction to Communications	3	Matrix	Introduces students to the study and practice of communication. This broad-based course addresses application, research, and theory in areas such as interpersonal, intercultural, intrapersonal, mass, mediated, organizational, public address, etc. Students must demonstrate conceptual understanding of the spectrum of content and application in one or more topic areas.
MOTR COMM 110	Fundamentals of Public Speaking	3	Matrix	Introduces students to the basic elements of public speaking with an emphasis on the construction, delivery, and evaluation of speeches. Students will learn to research and outline speeches; improve verbal and nonverbal delivery; and to listen critically. Students must present using a range of speech forms and types.
MOTR COMM 120	Interpersonal Communication	3		UNDER CONSIDERATION BY CCAC
MOTR COMM 125	Small Group Communication	3		UNDER CONSIDERATION BY CCAC
MOTR COMM 220	Argumentation & Debate	3		UNDER CONSIDERATION BY CCAC

Oral Communication
COURSE EQUIVALENCIES

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Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**INTRODUCTION TO COMMUNICATIONS**
MOTR COURSE NUMBER	**MOTR COMM 100**
KNOWLEDGE AREA	**ORAL COMMUNICATION**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Introduces students to the study and practice of communication. This broad-based course addresses application, research, and theory in areas such as interpersonal, intercultural, intrapersonal, mass, mediated, organizational, public address, etc. Students must demonstrate conceptual understanding of the spectrum of content and application in one or more topic areas.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
Lincoln University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
Missouri Southern State University	Introduction to Human Communication	COMM 101	3	An introductory survey of the field of communication, exploring theoretical and research foundations. Included are discussions of language and verbal interaction and nonverbal communication. Contexts of communication are covered: interpersonal, group and organizational, public, intercultural, and mass. Also covered will be career opportunities for students who choose a major or minor in communication
Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
Missouri University of Science & Technology	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
Missouri Western State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
Northwest Missouri State University	Fundamentals of Oral Communication	COM 29102	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Southeast Missouri State Univ.	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
Truman State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.

University of Central Missouri	Fundamentals of Oral Communication	COMM 1050	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Missouri-Columbia	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
University of Missouri-Kansas City	Principles of Communication	COMM-ST 140	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Missouri-St. Louis	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
Crowder College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
East Central College	Oral Communications	COM 101	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Jefferson College	Fundamentals of Communication	COMM 100	3	Fundamentals of Communication involves the student in all forms of communication: intrapersonal communication, interpersonal communication, small group communication, mass communication, and public speaking. Fundamentals of Communication requires tests and activities demonstrating understanding of the principles of all types of communication and one speech demonstrating skill in persuasive speaking. This course satisfies the general education communication requirement.
Metropolitan Community College	Fundamentals of Human Communication	COMM 102	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Mineral Area College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
Missouri State Univ.-West Plains	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
Moberly Area Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
North Central Missouri College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
Ozarks Technical Comm. College	Introduction to Communication	COMM 100	3	This course provides an introduction to the study of communication, including interpersonal communication, small group dynamics, and public speaking.
St. Charles Community College	Oral Communication	SPE 101	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
St. Louis Community College	Oral Communication I	COMM 101	3	This is the basic course in speech communication. It offers students an opportunity to explore effective one-to-one, small group, and large group oral

				communication processes. Emphasis is placed on a theoretical/conceptual approach as well as skill development and application or oral communication concepts to various communication settings and relationships. Prerequisites: Reading Proficiency and concurrent enrollment in RDG 030 or ENG 070.
State Fair Community College	No equivalent course		3	Students transferring to this institution will receive three (3) credits in the Communications knowledge area.
State Technical College of Missouri	Oral Communications	COM 111	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Three Rivers College	Human Communication ***UNDER REVIEW***	SCOM 101	3	This course is designed to introduce students to both the theories and application of oral communication. Students are instructed in interpersonal, group, organizational, and public communication contexts. A variety of exercises give students the opportunity to recognize and advance basic communication skills.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**FUNDAMENTALS OF PUBLIC SPEAKING**
MOTR COURSE NUMBER	**MOTR COMM 110**
KNOWLEDGE AREA	**ORAL COMMUNICATION**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Introduces students to the basic elements of public speaking with an emphasis on the construction, delivery, and evaluation of speeches. Students will learn to research and outline speeches; improve verbal and nonverbal delivery; and to listen critically. Students must present using a range of speech forms and types.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Introductory Public Speaking	SPCH 0109	3	In this basic course students will develop awareness and an appreciation of effective communication. The course requires the student to compose speeches, present various delivery methods and analyze formal speeches presented by

				others.
Lincoln University	Fundamentals of Speech	SPT 206	3	A study of interpersonal and public communication theory and practice. This diverse course is designed to develop knowledge and skills in the processes effective to all communication in diverse contexts.
Missouri Southern State University	Oral Communication	COMM 0100	3	Principles of oral communication, including speaking and listening competencies and skills. Primary emphasis is on presenting various types of speeches and improving listening ability. Research organization, reasoning, language and evaluation skill development are included.
Missouri State University	Fundamentals of Public Speaking	COM 115	3	Instruction and practice in researching, composing, and delivering formal and informal speeches in a variety of public contexts. Representative topics include: ethics in public speaking; listening; library research; outlining; delivery; writing in an oral style; evaluation of public address; and analyzing and adapting to audiences. The course emphasizes informative and persuasive speaking.
Missouri University of Science & Technology	Principles of Speech	SP&MS 1185	3	A study of the arts of expression, oral communication, and listening (theory and practice); effective interaction of speech, speaker, listener, and occasion.
Missouri Western State University	Oral Communication	COM 104	3	Principles of speech as applied in meaningful participation in society.
Northwest Missouri State University	Fundamentals of Oral Communication	COM 29-102	3	An overview of the theory and guided practice of the skills utilized in intrapersonal, interpersonal, group and public communication. The student will perform an interview, small group discussion, informative speech and persuasive speech.
Southeast Missouri State Univ.	Fundamentals of Oral Communication	SC 105	3	The development of proficiency in oral communication through the study of rhetorical theories, principles, and strategies.
Truman State University	Public Speaking	COMM 170	3	Students may test out or place out of this course. Please contact the Communication Department Office for further information. This course develops an understanding of the fundamental principles and processes of human communication. Students practice and refine their skills as public speakers through frequent in-class presentations, critiques, and discussions.
University of Central Missouri	Public Speaking	COMM 1000	3	A study and practice of basic principles involved in discovering, arranging, delivering, and evaluating ideas in speech situations.
University of Missouri-Columbia	Public Speaking	COMM 1200	3	Principles, process of speech communication in small group and public speaking situations.
University of Missouri-Kansas City	Fund. Of Effective Speaking & Listening	COMM-ST 110	3	An introduction to the dimensions of effective platform speaking with special emphasis on developing critical listening skills. Lecture, performance, and discussion.
University of Missouri-St. Louis	Introduction to Public Speaking	COMM 1040	3	Theories and techniques of organization, argumentation, persuasion and delivery in public speaking.

Crowder College	Fundamentals of Speech	COMM 104	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
East Central College	Public Speaking	COM 110	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Jefferson College	Public Speaking	COM 110	3	Public Speaking develops the student's ability in the construction and delivery of informative, persuasive, and special occasion platform speeches. Public Speaking satisfies the general education communication requirement. This is a preferred course for those going into teacher education.
Metropolitan Community College	Fundamentals of Speech	COMM 100	3	An introductory public speaking course including practical application of speaking and listening skills. The emphasis will be on the organization and delivery of subject matter.
Mineral Area College	Public Speaking	ENG 1440	3	Emphasizes effective communication in public situations through the design and delivery of informal speeches, open forum discussions and practice in impromptu and extemporaneous speaking.
Missouri State Univ.-West Plains	Fundamentals of Public Speaking	COM 115	3	Instruction and practice in researching, composing, and delivering formal and informal speeches in a variety of public contexts. Representative topics include: ethics in public speaking; listening; library research; outlining; delivery; writing in an oral style; evaluation of public address; and analyzing and adapting to audiences. The course emphasizes informative and persuasive speaking.
Moberly Area Community College	Public Speaking	SPK 101	3	This course studies the role of speaking in communication in both formal and informal situations. The course includes a study of the communication process, the role of the listener, methods of speech organization, informative and persuasive techniques, and effective delivery.
North Central Missouri College	Speech Communications	SP 175	3	Learn how to better think and act as a public speaker by preparing the presenting speeches. Application of content and self-assessment are principle learning strategies in this introductory course. The message-creation process stresses thinking broadly and deeply about the subject. The delivery approach emphasizes interactive skills and attitudes.
Ozarks Technical Comm. College	Public Speaking	COM 105	3	This is an introductory course in research, composition, delivery, and evaluation of speeches for a variety of purposes and occasions. Students develop skills in critical listening and analysis through small group and individual activities.
St. Charles Community College	Public Speaking	SPE 102	3	In-depth look at art of public speaking. Expands knowledge of ideas and concepts presented in SPE 101. Focus on presenting additional types of speeches, including business and organizational, ceremonial, speeches of tribute, acceptance, and toasting.
St. Louis Community College	Public Speaking	COM 107	3	This course studies the role of public speaking in communication through the theory and practice of researching, organizing, and delivering of public presentations. Audience analysis, critical listening, and the ethical dimensions of communication are also emphasized. Skills are developed through practicing

				speech fundamentals and analyzing contemporary and classical presentations.
State Fair Community College	Public Speaking	COMM 101	3	Study and practice of basic techniques involved in generating, designing, delivering, and evaluating ideas for speech situations facing adults of our society.
State Technical College of Missouri	Public Speaking	COM 121	3	This course is designed to prepare the student to give speeches and oral presentations. Course will include audience analysis, speech content and preparation, and speech delivery.
Three Rivers College	Public Speaking	SCOM 110	3	This course is designed to introduce students to both the theories and application of oral communication. Students will be instructed in the areas of purpose, content, organization, and presentation. In addition, instruction will be provided in general concepts including, but not limited to, interpretation, critical listening, evaluation, ethics, and nonverbal communication. A variety of learning exercises will be employed to assist students in developing and enhancing public speaking skills accordingly.

Missouri Higher Education Core Transfer Curriculum

Natural Sciences Knowledge Area

Life and Physical Sciences: Objectives

State-level Goal

To develop students' understanding of the principles and laboratory procedures of the natural sciences (Life and Physical) and to cultivate their abilities to apply the empirical methods of scientific inquiry. Students should understand how scientific discovery changes theoretical views of the world, informs our imaginations, and shapes human history. Students should also understand that science is shaped by historical and social contexts.

Suggested Competencies

Students will demonstrate the ability to . . .

- **Explain how to use the scientific method and how to develop and test hypotheses in order to draw defensible conclusions.**
- **Evaluate scientific evidence and argument.**
- **Describe the basic principles of the natural world.**
- **Describe concepts of the nature, organization, and evolution of living systems.**
- **Explain how human interaction(s) affect living systems and the environment**

Natural Sciences: Courses

7 credits minimum, from at least two disciplines, one of which must have an associated lab component.

Essential refers to courses that give an overview of that area and are intended for students who will not take another course in that field.

MOTR Number	MOTR Title	Transfer Credits	Equivalent Courses	MOTR COURSE DESCRIPTION
MOTR ASTR 100	Astronomy	3	Matrix	A lecture course in introductory astronomy that studies the Earth, Solar System, stars, galaxies and other selected topics.
MOTR ASTR 100L	Astronomy with Lab	4	Matrix	A lecture and laboratory course in introductory astronomy that studies the Earth, Solar System, stars, galaxies and other selected topics.
MOTR BIOL 001	Essentials in Biology	3	Matrix	Lecture course for non-science majors that will not take another biology course but would like a survey of the concepts in the discipline. Content emphasizes biology fundamental concepts and topics including the relevance of biology to contemporary issues in human society and problem-solving.

MOTR BIOL 001L	Essentials in Biology with Lab	4	Matrix	Lecture and laboratory course for non-science majors that will not take another biology course but would like a survey of the concepts in the discipline. Content emphasizes the fundamental concepts of biology and topics including the relevance of biology to contemporary issues in human society and problem-solving.
MOTR BIOL 100	Biology	3	Matrix	Biology lecture course for majors that will take other biology courses. This course emphasizes the unifying principles of biology, including chemistry of biomolecules, cell theory, genetics, evolutionary theory, ecology, organismal biology and scientific inquiry. This course may be comprehensive or provide in-depth study within a subset of the unifying principles of biology.
MOTR BIOL 100L	Biology with Lab	4	Matrix	Biology lecture and laboratory course for majors that will take other biology courses. This course emphasizes the unifying principles of biology, including chemistry of biomolecules, cell theory, genetics, evolutionary theory, ecology, organismal biology and scientific inquiry. This course may be comprehensive or provide in-depth study within a subset of the unifying principles of biology.
MOTR CHEM 001	Essentials in Chemistry	3	Matrix	Lecture course for non-science majors that will not take another chemistry course but would like a survey of the concepts in the discipline. Content emphasizes chemistry fundamental concepts and applications including scientific measurements and problem-solving.
MOTR CHEM 001L	Essentials in Chemistry with Lab	4	Matrix	Lecture and laboratory course for non-science majors that will not take another chemistry course but would like a survey of the concepts in the discipline. Content emphasizes chemistry fundamental concepts and applications including scientific measurements and problem-solving.
MOTR CHEM 100	Chemistry	3	Matrix	Chemistry lecture course for majors that will take other chemistry courses. This course is generally the first course in a two-course sequence. This course emphasizes modern atomic theory, structure and behavior of atoms and molecules, physical properties of matter, chemical reactions and energy relations, periodicity, the mole concept and its applications, and scientific measurements.
MOTR CHEM 100L	Chemistry with Lab	4	Matrix	Chemistry lecture course for majors that will take other chemistry courses. This course is generally the first course in a two-course sequence. This course emphasizes modern atomic theory, structure and behavior of atoms and molecules, physical properties of matter, chemical reactions and energy relations, periodicity, the mole concept and its applications, and scientific measurements.

MOTR GEOG 100	Physical Geography	3	Matrix	A study of the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized.
MOTR GEOG 100L	Physical Geography with Lab	4	Matrix	An introductory lecture and laboratory course of the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized.
MOTR GEOL 100	Essentials in Geology	3	Matrix	An introductory lecture course in physical geology that studies the materials, structure, and surface features of the Earth and the processes which have shaped it.
MOTR GEOL 100L	Essentials in Geography with Lab	4	Matrix	An introductory lecture and laboratory course in physical geology that studies the materials, structure, and surface features of the Earth and the processes which have shaped it.
MOTR LIFS 001	Essentials in Human Biology	3	Matrix	Lecture course for non-science majors that will not take another biology course but would like a survey of the concepts in the discipline. Content emphasizes biology fundamental concepts and topics including the relevance of biology to contemporary issues in human society and problem-solving.
MOTR LIFS 001L	Essentials in Human Biology with Lab	4	Matrix	Lecture and laboratory course for non-science majors that will not take another biology course but would like a survey of the concepts in the discipline. Content emphasizes the fundamental concepts of biology and topics including the relevance of biology to contemporary issues in human society and problem-solving.
MOTR LIFS 100	Human Biology	3	Matrix	Lecture course for majors that will take further courses in the Life Sciences. The course contains basic concepts related to human biology including homeostatic mechanisms of the chemicals, cellular reproduction, genetics, anatomy and physiology of the human.
MOTR LIFS 100L	Human Biology with Lab	4	Matrix	Lecture and laboratory course for majors that will take further courses in the Life Sciences. The course contains basic concepts related to human biology including homeostatic mechanisms of the chemicals, cellular reproduction, genetics, anatomy and physiology of the human.
MOTR PHYS 001	Essentials in Physics	3	Matrix	Lecture course for non-science majors that will not take another physics course but would like a survey of the concepts in the discipline. Content emphasizes fundamental concepts and symbolism of physics with applications to everyday life. Topics include mechanics, heat, light, sound, electricity, magnetism, and

				some modern developments.
MOTR PHYS 001L	Essentials in Physics with Lab	4	Matrix	Lecture and laboratory course for non-science majors that will not take another physics course but would like a survey of the concepts in the discipline. The laboratory portion reinforces topics discussed in lecture by utilizing hands-on experimentation. Content emphasizes fundamental concepts and symbolism of physics with applications to everyday life. Topics include mechanics, heat, light, sound, electricity, magnetism, and some modern developments.
MOTR PHYS 010	Physical Sciences	3	Matrix	Lecture course for non-science majors that will not take another physical science course but would like a survey of the concepts in the discipline. Content emphasizes classical physics, energy, matter and heat, wave behavior, electricity and magnetism, modern physics (the atom and nucleus), geology, and astronomy.
MOTR PHYS 010L	Physical Sciences with Lab	4	Matrix	Lecture and laboratory course for non-science majors that will not take another physical science course but would like a survey of the concepts in the discipline. The laboratory portion reinforces topics discussed in lecture by utilizing hands-on experimentation. Content emphasizes classical physics, energy, matter and heat, wave behavior, electricity and magnetism, modern physics (the atom and nucleus), geology, and astronomy.
MOTR PHYS 100	Physics I	3	Matrix	A non-calculus physics lecture course. Includes the study of mechanics, heat, sound and other selected topics.
MOTR PHYS 100L	Physics I with Lab	4	Matrix	A non-calculus physics lecture and lab course. Includes the study of mechanics, heat, sound and other selected topics.
MOTR PHYS 200	Advanced Physics I	3		**UNDER CONSIDERATION BY CCAC**
MOTR PHYS 200L	Advanced Physics with Lab	4	Matrix	A calculus-based physics lecture and lab course generally taken by physical science and engineering students. Includes the study of mechanics, waves, thermodynamics and other

Natural Sciences
COURSE EQUIVALENCIES

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**ASTRONOMY**
MOTR COURSE NUMBER	**MOTR ASTR 100**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	A lecture course in introductory astronomy that studies the Earth, Solar System, stars, galaxies, and other selected topics.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Lincoln University	Introductory Astronomy	PHY 105	3	A survey course in contemporary astronomy, methods and instruments of astronomy, the solar system, planets, moons, the sun, stars, stellar formation and evolution, galaxies, and cosmology.
Missouri Southern State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

Missouri State University	Modern Astronomy	AST 113	3	An introduction to our present knowledge of the nature of the universe, the galaxies, the stars, and the planets. A description of the natural laws and physical observations which are leading us to an understanding of our place in the cosmos.
Missouri State University	Survey of Astronomy	AST 114	3	Historical and descriptive aspects of astronomy; topics of current interest related to space science.
Missouri University of Science & Technology	Introductory Astronomy	PHY 1505	3	An introductory course in basic astronomy designed primarily for students other than those in science and engineering. Topics include history, the sky, the solar system, stars, stellar evolution, galaxies and the origin and evolution of the universe.
Missouri Western State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Northwest Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Truman State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Central Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-Columbia	Concepts in Cosmology	PHYSCS 1050	3	Introduction to fundamental concepts of modern cosmology. Topics include Olbers' paradox, Hubble expansion, Big Bang, and the Cosmic Microwave Background Radiation.
University of Missouri-Kansas City	Astronomy: Motions of the Cosmos	ASTR 150	3	An introductory exploration of modern topics in astronomy with an emphasis on developing conceptual models for the fundamental laws of gravity and motion crucial to the formation of stars and planetary systems, the growth of black holes and galaxies, and the evolution of cosmic structure.
University of Missouri-Kansas City	Astronomy: Starlight and Star Stuff	ASTR 155	3	An introductory exploration of modern topics in astronomy with an emphasis on developing conceptual models for the interactions between light and matter crucial to the life and death of stars, the analysis of starlight and interstellar chemistry, and the interpretation of cosmic history
University of Missouri-St. Louis	Cosmic Evolution/Introduction Astronomy	ASTRON 1001A	3	Overview of astronomy, from the planets to the Big Bang. Topics include the celestial motions, planets and the formation of the solar system, stars and stellar evolution, galaxies, and cosmology. Students will be introduced to the latest discoveries and how they affect our understanding of the universe.

University of Missouri-St. Louis	Introduction to Astronomy	ASTRON 1050	3	A survey of the history of astronomy from the ancient times to present. Theories for the formation and evolution of the solar system and the general features of the solar system and planetary motions are discussed. The physical concept of gravity is presented. The detailed properties of the planets, comets, and asteroids are reviewed, concentrating on recent results from space missions.
Crowder College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
East Central College	Introduction to Astronomy	PHY 102	3	This course introduces the concepts and principles of our knowledge of the Earth, Solar System, stars and galaxies, other objects in the universe, and the universe itself and its evolution. The course also explores some of the methods used in studying astronomical objects such as observations from telescopes and spacecraft, the scientific method, and basic concepts from physics, geology, and other sciences to identify and explain formative processes and unique characteristics.
Jefferson College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Metropolitan Community College	General Astronomy	PHYS 106	3	A survey of astronomy with emphasis on the scientific method, observation, tools of observation, and the models, physical principles, and processes that help describe and predict astronomical phenomena.
Mineral Area College	Introduction to Astronomy	PHS 1200	3	Introduction to astronomical objects, structures and processes designed for non-science majors. Topics include the history and cultural impact of astronomy, planetary and stellar evolution, galaxies, black holes and other exotic objects, the birth and large-scale structure of the cosmos and life in the universe.
Missouri State University-West Plains	Modern Astronomy	AST 113	3	An introduction to our present knowledge of the nature of the universe, the galaxies, the stars, and the planets. A description of the natural laws and physical observations which are leading us to an understanding of our place in the cosmos.
Missouri State University-West Plains	Survey of Astronomy	AST 114	3	Historical and descriptive aspects of astronomy; topics of current interest related to space science
Moberly Area Community College	General Astronomy	PHY 162	3	This is an introductory astronomy course with no laboratory component. It surveys solar system bodies, stellar evolution, galaxies, the universe, and the history of human discovery.
North Central Missouri College	Introduction to Astronomy	PS 120	3	This course is a one-semester introduction to astronomy covering Earth-sky relationships, an overview of the Solar System, the Sun, the stars, our Galaxy, other galaxies, the large-scale structure of the Universe, and cosmology.
Ozarks Technical Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

St. Charles Community College	Astronomy	PHY 130	3	Nonmathematical introduction to astronomy designed primarily for non-science majors. Topics include the history and cultural impact of astronomy, properties of solar system, and stellar structures. Supplemented by occasional hours of evening observation. Analysis and interpretation of astronomical data and observations with telescopes. No prior knowledge of astronomy assumed.
St. Louis Community College	Introduction to Astronomy I	PSI 111	3	This course introduces the fundamental concepts and principles of our knowledge of the Universe. The topics covered include the Earth, Solar System, stars, galaxies and evolution of the Universe. The course is designed for students in non-science and career curricula.
State Fair Community College	Introduction to Astronomy	EASC 120	3	Introduction to our present knowledge of the universe. Topics include the solar system, stellar astronomy and the structure of the universe.
State Technical College of Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Three Rivers College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

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Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**ASTRONOMY WITH LAB**
MOTR COURSE NUMBER	**MOTR ASTR 100L**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**4**
MOTR COURSE DESCRIPTION	A lecture and laboratory course in introductory astronomy that studies the Earth, Solar System, stars, galaxies and other selected topics.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION

Harris-Stowe State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Lincoln University	Introductory Astronomy with Lab	PHY 105/106L	4	A laboratory course to accompany Introductory Astronomy. A combination of outdoor observations of the sky and indoor experiments in the physical background of astronomy and measurement techniques used in astronomy.
Missouri Southern State University	Descriptive Astronomy	PHYS 0125	4	Study of our solar system and universe including the following topics: the solar system, Kepler's laws, celestial coordinates and observing, Hertzsprung-Russell diagrams, stellar evolution, pulsars, black holes, nebulae, galaxies, and cosmology.
Missouri State University	Basic Astronomy	AST 115	4	Historical and descriptive aspects of astronomy; topics of current interest related to space science. Laboratory consists of observations with telescopes and of experiments pertinent to the field.
Missouri University of Science & Technology	Introductory Astronomy	PHYS 1505/1509	4	An introductory course in basic astronomy designed primarily for students other than those in science and engineering. Topics include history, the sky, the solar system, stars, stellar evolution, galaxies and the origin and evolution of the universe.
Missouri Western State University	Introduction to Astronomy	PHY 104	4	Basic course in astronomy, mostly descriptive in nature; solar system, stellar astronomy, structure of galaxy and universe. Three hours lecture and two hours lab.
Northwest Missouri State University	Descriptive Astronomy	PHSC 40122/40123	4	This is an introductory course in astronomy. Topics covered involve the descriptive study of the physical universe including the earth-moon system, the solar system, general stellar system, stellar structure and evolution, galactic systems and cosmological models. The laboratory work emphasizes basic techniques and instruments used in observational astronomy.
Southeast Missouri State University	Exploring the Universe	PH 109/009	4	An examination of the physical nature of planets, stars and galaxies, their interrelationships and evolutionary processes. Emphasis on the role of scientific inquiry in our present understanding of the Universe.
Truman State University	Introduction to Astronomy	PHYS 131	4	A descriptive introduction to the fundamental concepts of astronomy. Topics include apparent sky motions, telescopes and astronomical instrumentation, the cultural relevance of astronomy, description and classification of stars and galaxies, and aspects of Cosmology and/or Astrobiology. Laboratory activities include observations at the Truman Observatory, lab-exercises based on computer simulations, and the analysis of astronomical data.
University of Central Missouri	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.

University of Missouri-Columbia	Introduction to Astronomy	ASTRON 1010	4	Survey of methods of astronomy; description of the solar system, stellar astronomy, structure of the galaxy and the universe. Three hours of lecture and one hour of lab per week (scheduled by the instructor). Satisfies physical science laboratory requirement. Laboratory section: Survey of astronomical methods, instruments, observations and measurement techniques.
University of Missouri-Kansas City	Astronomy: Motions of the Cosmos	ASTR 150/153L	4	An introductory exploration of modern topics in astronomy with an emphasis on developing conceptual models for the fundamental laws of gravity and motion crucial to the formation of stars and planetary systems, the growth of black holes and galaxies, and the evolution of cosmic structure.
University of Missouri-Kansas City	Astronomy: Starlight and Star Stuff	ASTR 155/153L	4	An introductory exploration of modern topics in astronomy with an emphasis on developing conceptual models for the interactions between light and matter crucial to the life and death of stars, the analysis of starlight and interstellar chemistry, and the interpretation of cosmic history.
University of Missouri-St. Louis	Cosmic Evolution: Introductory Astronomy	ASTRON 1001	4	Overview of astronomy, from the planets to the Big Bang. Topics include the celestial motions, planets and the formation of the solar system, stars and stellar evolution, galaxies, and cosmology. Students will be introduced to the latest discoveries and how they affect our understanding of the universe.
Crowder College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
East Central College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Jefferson College	Introduction to Astronomy	PHY 106	4	Introduction to Astronomy is a general education course which is designed to acquaint students with the structure of our solar system and the universe. Laboratory time is required. Two four-hour observation nights are included as part of the laboratory
Metropolitan Community College	General Astronomy with Lab	PHYS 106L	4	A survey of astronomy with emphasis on the scientific method, observation, tools of observation, and the models, physical principles, and processes that help describe and predict astronomical phenomena.
Mineral Area College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri State University-West Plains	Basic Astronomy	AST 115	4	Historical and descriptive aspects of astronomy; topics of current interest related to space science. Laboratory consists of observations with telescopes and of experiments pertinent to the field.

Moberly Area Community College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
North Central Missouri College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Ozarks Technical Community College	Introduction to Astronomy	PHY 115	4	This course provides an introduction to basic astronomy. Students will learn about the composition, dynamics, evolution of planets, stars, and the universe. Laboratory activities will give students the opportunity to demonstrate physics principles presented in lecture.
St. Charles Community College	Astronomy	PHY 130/131	4	Nonmathematical introduction to astronomy designed primarily for non-science majors. Topics include the history and cultural impact of astronomy, properties of solar system, and stellar structures.
St. Louis Community College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
State Fair Community College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
State Technical College of Missouri	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Three Rivers College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.

CORE 42 MOTRANSFER GUARANTEED	*Missouri Higher Education Core Transfer Curriculum*
MOTR COURSE NAME	**ESSENTIALS IN BIOLOGY (NON-SCIENCE MAJORS)**
MOTR COURSE NUMBER	**MOTR BIOL 001**

KNOWLEDGE AREA	NATURAL SCIENCES			
TRANSFER CREDITS	3			
MOTR COURSE DESCRIPTION	Lecture course for non-science majors that will not take another biology course but would like a survey of the concepts in the discipline. Content emphasizes biology fundamental concepts and topics including the relevance of biology to contemporary issues in human society and problem-solving.			
INSTITUTION	**COURSE NAME**	**COURSE NUMBER**	**TRANSFER CREDITS**	**COURSE DESCRIPTION**
Harris-Stowe State University	Principles of Biology	BIO 0141	3	This course is a broad overview of biology designed for non-biology majors, and satisfies a general education requirement in the natural sciences. Basic principles covered include scientific reasoning, chemical processes of living things, diversity of life, structure and function at the molecular, cellular, organismal, and ecosystem levels, basic ecological principles, evolution processes, human body systems, and bioethical issues including medicine and global change. BIO 0152 Biology Survey Laboratory is recommended as an accompanying laboratory course.
Lincoln University	Principles of Biology	BIO 103	3	Introduction to basic concepts that are foundations of the life sciences. Three one-hour lectures. No laboratory
Missouri Southern State University	No equivalent course	N/A	3	Students transferring to this institution will receive 3 credits in the Natural Sciences Knowledge Area.
Missouri State University	Biology in Your World	BIO 101	3	Organisms are studied from their behavioral, ecological, heredity and evolutionary perspectives. Topics include examination of the human body in health and disease; the relevance of biology to contemporary issues in human society; an introduction to environmental science and ecology with emphasis on the interrelationships of living and nonliving things in ecosystems and how disruptions of these relationships result in environmental problems. Cannot count towards a biology major or minor. Students receiving credit towards graduation for BIO 101 and/or BIO 111 cannot also receive credit for BIO 100.
Missouri University of Science & Technology	Introduction to Environmental Sciences	BIO SCI 1173	3	An introduction to environmental science, with an emphasis on biological aspects of current environmental problems. Topics range from chemical toxicity to global climate change. Environmental challenges facing local species and ecosystems will be emphasized.
Missouri University of Science & Technology	General Biology	BIO SCI 1113	3	A comprehensive study of the general principles of the biology of plants, animals, and protists including population biology and regulation mechanisms.
Missouri Western State University	No equivalent course	N/A	3	Students transferring to this institution will receive 3 credits in the Natural Sciences Knowledge Area.

Northwest Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive 3 credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	Environmental Biology	BS 105	3	Discussion of biological principles with application to environmental issues.
Southeast Missouri State University	Biology for Living	BS 108	3	To acquaint the students with and help them to understand some of the fundamental biological processes and problems which confront living organisms.
Southeast Missouri State University	Biological Reasoning	BS 151	3	Use of scientific reasoning and evidence from various biological disciplines to test hypotheses about the common ancestry of organisms.
Truman State University	No equivalent course			Students transferring to this institution will receive 3 credits in the Natural Sciences Knowledge Area.
University of Central Missouri	Introduction to the Science-Ecology	BIOL 1003	3	Introduction to biological science with emphasis on scientific methodology, ecological concepts regarding populations, communities and ecosystems and the impact of humans on the natural world.
University of Central Missouri	Introduction to Environmental Science GE	BIOL 1005	3	Environmental science as an integrative study of human interaction with the environment that seeks to meet the needs of students with little background in science.
University of Missouri-Columbia	General Principles and Concepts of Biology	BIO_SC 1010	3	Emphasizes connections and applications to society and the human condition, science literacy, and critical thinking skills. A discussion of general principles and fundamental concepts of living things.
University of Missouri-Columbia	Basic Environmental Studies	BIO_SC 1060	3	Considers the ecosystem, energy and biogeochemical cycles and population dynamics; relation of the environment to agriculture and technology, pollution, power and food production; politico-economic considerations; moral and ethical issues.
University of Missouri-Kansas City	Biology and Living	BIOLOGY 102	3	Introduction to structural organization and functional processes of living systems. For non-biology majors only.
University of Missouri-St. Louis	General Biology	BIOL 1012	3	Emphasis on fundamental principles of biology. BIOL 1012 can be applied toward fulfillment of the general education requirement in science.
Crowder College	No equivalent course	N/A	3	Students transferring to this institution will receive 3 credits in the Natural Sciences Knowledge Area.
East Central College	Introduction to Life Science	BIO 101	3	A study of fundamental biological concepts, with emphasis on human biology. Topics include: the cell, the chemistry of life, the structure and function of human organ systems, genetics, ecology, and evolution.

Jefferson College	Concepts in Biology	BIO 102	3	Concepts in Biology is a non-laboratory course covering concepts common to all life forms. It focuses on structural and functional human systems.
Jefferson College	Ecology and Environmental Conservation	BIO 109	3	Ecology and Environmental Conservation deals with fundamental principles of ecology and how these principles can be applied to the comprehension of environmental problems. Areas of application include populations, land use, air, wildlife, resources and pollution control.
Metropolitan Community College	No equivalent course	N/A	3	Students transferring to this institution will receive 3 credits in the Natural Sciences Knowledge Area.
Mineral Area College	Introduction to Biological Science	BIO 1100	3	An introductory biology class which teaches the fundamentals of biology as well as how biology is applied in the real world. This course examines the scientific method, the characteristic elements, processes and features common to all life forms, and the nature and workings of the human body.
Mineral Area College	Environmental Sciences	BIO 1430	3	A general introductory course in human ecology. The general concepts of ecology will be covered in early chapters. The remainder of this course emphasizes human contributions to resource depletion, energy conservation, overpopulation and overconsumption, pollution and subsequent worldwide effects.
Mineral Area College	Essentials of Microbiology	BIO 1500	3	A course that may be a science elective for the non-science major. The student will learn about the cause of selected infectious diseases and methods used to control the spread of human pathogens. The history of microbiology, as well as microbe anatomy, growth requirements, means of observation and mechanisms of pathogenicity.
Missouri State University-West Plains	Biological Concepts	BIO 101	3	Unifying principles of biology from the molecular through ecosystems level. Partially fulfills the general education requirements in the natural sciences.
Moberly Area Community College	Introduction to Conservation Biology	BIO 105	3	This course involves a study of the earth's ecosystems and biodiversity as well as historical and current human impacts on these systems. The importance of conserving the earth's biodiversity is also discussed.
North Central Missouri College	No equivalent course	N/A	3	Students transferring to this institution will receive 3 credits in the Natural Sciences Knowledge Area.
Ozarks Technical Community College	Essential Biology	BIO 142	3	This course provides a study of the biological principles that apply to all living systems, including ecological principles. In addition, this course provides a survey of living organisms with an emphasis on how life functions on Earth and how living things have adapted over time.

St Charles Community College	Essentials of Biology	BIO 105	3	Examines fundamental principles of biology. Includes organization of living things, scientific method, cell and molecular biology, genetics, ecology, evolution, and relationship between biology and society.
St. Charles Community College	Environmental Sciences	BIO 122	3	Study of biological and physical characteristics and principles of nature. Deals with diverse topics such as ecology, endangered species, pollution, meteorology, earth studies, populations, etc. Occasional guest speakers or field trips included.
St. Louis Community College	No equivalent course	N/A	3	Students transferring to this institution will receive 3 credits in the Natural Sciences Knowledge Area.
State Fair Community College	Introduction to Biological Sciences	BIO 100	3	Introduction of biology that develops understanding of basic, unifying concepts in science and biology. Topics include the scientific method, biochemistry, cell biology, metabolism, genetics, evolution, ecology, and human ecology.
State Fair Community College	Wildlife Conservation	BIO 105	3	Integrated study focused on historical, cultural and scientific aspects of wildlife conservation. Topics include ecology; diversity; extinctions and extinction processes; ecosystem degradation and loss; overexploitation; invasive exotics; zoos and gardens; public attitudes and perceptions including social factors, economics, ethics; and human impact.
State Technical College of Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive 3 credits in the Natural Sciences Knowledge Area.
Three Rivers College	Survey of Biology	BIOL 100	3	This course is a survey of the basic concepts of life science with emphasis on the human cell, tissues, and organ system functions and the relationship between humans and the environment.

CORE 42 MOTRANSFER GUARANTEED	**Missouri Higher Education Core Transfer Curriculum**
MOTR COURSE NAME	**ESSENTIALS IN BIOLOGY WITH LAB (NON-SCIENCE MAJORS)**
MOTR COURSE NUMBER	**MOTR BIOL 001L**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**4**

MOTR COURSE DESCRIPTION	Lecture and laboratory course for non-science majors that will not take another biology course but would like a survey of the concepts in the discipline. Content emphasizes the fundamental concepts of biology and topics including the relevance of biology to contemporary issues in human society and problem-solving.			
INSTITUTION	**COURSE NAME**	**COURSE NUMBER**	**TRANSFER CREDITS**	**COURSE DESCRIPTION**
Harris-Stowe State University	Biology Survey Lecture and Lab	BIO 0141/0152	4	This course is a broad overview of biology designed for non-biology majors, and satisfies a general education requirement in the natural sciences. Basic principles covered include scientific reasoning, chemical processes of living things, diversity of life, structure and function at the molecular, cellular, organismal, and ecosystem levels, basic ecological principles, evolution processes, human body systems, and bioethical issues including medicine and global change. BIO 0152: BIO 0152 provides hands-on experience with the fundamental concepts and principles encountered in the lecture part of Biology Survey or Principles of Biology. The processes of science are emphasized such as observing, designing experiments, refining techniques and presenting and interpreting the results of findings. Basic laboratory techniques and safety are stressed. It is recommended to take BIO 0152 concurrently.
Harris-Stowe State University	Introduction to Biology Lecture & Laboratory	BIO 0131/0132	4	BIO 0131 is an online lecture that complements the BIO 0132 online lab course designed for non-biology majors enrolled in online degree programs. The course provides an overview of biological sciences and satisfies a general education requirement in the natural sciences. The basic topics covered include characteristics of life, biomolecules, various levels of organization of living systems (cells to ecosystems), enzymes and energy, genes, gene expression and regulation and the basic principles of evolution and ecology. BIO 0132: Concurrent enrollment: BIO 0131BIO 0132 is an online lab course that complements the BIO 0131 lecture course designed for non-biology majors enrolled in an online degree program. The course provides an overview of biology and satisfies a general education requirement in the natural sciences. Basic topics covered include the scientific method, chemical composition of cells, energy and enzymes, cell cycle, basic human anatomy and physiology, basic Mendelian genetics and patterns of inheritance and basic principles of ecology and evolution.
Lincoln University	Principles of Biology Lecture and Laboratory	BIO 103/104L	4	Introduction to basic concepts that are foundations of the life sciences. No laboratory (students needing a biology lab course should enroll concurrently in BIO 104L. BIO104L: Hands- on investigations designed to reinforce basic concepts and principles common to the life sciences.
Missouri Southern State University	General Biology	BIO 0101	4	General treatment of unifying principles of living organisms at the chemical, cellular organismic and population levels of organization including cell structure and function, metabolism, genetics, evolution and ecology. Emphasis will be placed on biological principles as they relate to humans, stressing how humans interact with their environment and possible outcomes of these interactions.

				Three lectures, one two-hour lab per week.
Missouri Southern State University	General Biology Environmental Health Emphasis	BIO 0105	4	A general biology course that emphasizes environmental health. The organization, complexity and interdependency of life is revealed through the study of life chemistry, cells organisms, respiration, photosynthesis, genetics, populations, evolution and ecology. Emphasis is placed on protection of the human environment with discussion of environmental issues and environmentally related public health concerns. Three lectures, one two hr. lab per week. Credit is not granted for both BIO 101 and BIO 105. Not for biology majors.
Missouri State University	Biological Science for Educators	BIO 100	4	An introduction to the unifying principles of biology and the processes of scientific investigation using an inquiry approach. Laboratory experiences model inquiry teaching methods appropriate for use in early childhood, elementary, and middle school science lessons. Cannot count towards a major or minor in biology. Students receiving credit towards graduation for BIO 100 cannot also receive credit for BIO 101 or BIO 111.
Missouri State University	Biology in Your World Lecture and Laboratory	BIO 101/111	4	A non-laboratory course that can fulfill the General Education requirement in the Life Sciences. Organisms are studied from their behavioral, ecological, heredity and evolutionary perspectives. Topics include examination of the human body in health and disease; the relevance of biology to contemporary issues in human society; an introduction to environmental science and ecology with emphasis on the interrelationships of living and nonliving things in ecosystems and how disruptions of these relationships result in environmental problems. Cannot count towards a biology major or minor. Students receiving credit towards graduation for BIO 101 and/or BIO 111 cannot also receive credit for BIO 100. BIO 111: A laboratory course that partially fulfills the general education requirement in the Life Sciences. Organisms are studied from their physiological, behavioral, ecological, hereditary, and evolutionary perspectives. Students will develop skills of gathering information about science, reasoning scientifically from that information and synthesizing responses to questions based upon that information in order to explain biological phenomena. Cannot count towards a biology major or minor.
Missouri University of Science & Technology	General Biology and Lab	BIOSCI 1113/1219	4	A comprehensive study of the general principles of the biology of plants, animals, and protists including population biology and regulation mechanisms. BIOSCI 1219: The laboratory work accompanying general biology consists of experiments designed to supplement and extend lectures in General Biology and Principles of Biology.
Missouri Western State University	Principles of Biology	BIO 101/111	4	Introductory course on the principles of living phenomena intended for students not major in biology.
Northwest Missouri State University	General Biology	BIOL 04102/0410 3	4	A general course in biology providing a broad understanding of the basic principles of biological science such as cells, energy production, photosynthesis, genetics, plant and animal physiology, ecology, environmental issues, and

				diversity. Upon completion, students will understand the relationship between living organisms and their environment and make more informed decisions regarding issues facing our society. Must co-register in BIOL 04103, a two-hour laboratory which must be taken concurrently with BIOL 04102
Southeast Missouri State University	Biological Reasoning, Biological Science: A Process Approach	BS 218	4	This course applies scientific thought to structure, function, energetics and ecology of living systems.
Truman State University	Biology	BIOL 100	4	General theme is similarities in living systems as viewed at various levels - the genetic code, energy production, homeostasis, and adaptations for survival. The scientific method as a mode of inquiry is presented and used in laboratory investigations.
Truman State University	General Botany	BIOL 103	4	This course focuses on the biological aspects of the plant kingdom, ranging from the sub-cellular level to ecological roles. Structural and physiological adaptations, present and past diversity, reproduction, genetics and evolution, ecological interactions, and ethnobotany are explored, including laboratory investigations.
Truman State University	General Zoology	BIOL 106	4	This course treats the broad discipline of animal biology from various perspectives, including biochemistry, cell biology, organ systems and physiology, behavior, and ecology. Major adaptive trends among types of animals, as shaped by natural selection, are studied, including laboratory investigations.
University of Central Missouri	Introduction to the Sciences: Ecology Lecture	BIOL 1003/1006	4	Introduction to biological science with emphasis on scientific methodology, ecological concepts regarding populations, communities and ecosystems and the impact of humans on the natural world. No laboratory included. Not available to those with credit in BIOL 1004. BIOL 1006: Introduction to biological science with emphasis on scientific methodology, ecological concepts regarding populations, communities and ecosystems, and the impact of humans on the natural world. Must be taken concurrently with BIOL 1003 or BIOL 1005.
University of Central Missouri	Introduction to Environmental Science	BIOL 1005/1006	4	Environmental science as an integrative study of human interaction with the environment that seeks to meet the needs of students with little background in science. BIOL 1006: Introduction to biological science with emphasis on scientific methodology, ecological concepts regarding populations, communities and ecosystems, and the impact of humans on the natural world. Must be taken concurrently with BIOL 1003 or BIOL 1005.
University of Central Missouri	Introduction to the Sciences: Ecology Lecture and Lab	BIOL 1004	4	Introduction to biological science with emphasis on scientific methodology, ecological concepts regarding populations, communities and ecosystems and the impact of humans on the natural world. Laboratory included.
University of Central Missouri	Plants and Society	BIOL 1007	4	Introduction to science with an emphasis on the economic uses of plants that are important to society. The course introduces the student to basic vocabulary and principles of the study of economically important plants.

University of Missouri-Columbia	General Principles and Concepts of Biology and General Biology Laboratory	BIO_SC 1010/1020	4	Emphasizes connections and applications to society and the human condition, science literacy, and critical thinking skills. A discussion of general principles and fundamental concepts of living things. BIO_SC 1020: Laboratory exercises dealing with representative organisms and methods of modern biological sciences.
University of Missouri-Columbia	General Principles and Concepts of Biology and General Biology Laboratory	BIO_SC 1030	4	Emphasizes connections and applications to society and the human condition, science literacy, and critical thinking skills. A discussion of general principles and fundamental concepts of living things. BIO_SC 1020: Laboratory exercises dealing with representative organisms and methods of modern biological sciences.
University of Missouri-Columbia	Introductory Zoology with Laboratory	BIO_SC 1100	4	Introduces important principles and concepts of zoology. Emphasizes cell biology; evolution; genetics; ecology; structure, function, development of the organism.
University of Missouri-Columbia	General Botany with Laboratory	BIO_SC 1200	4	Introduction to study of plants. Emphasis on structure, growth, physiology, genetics and reproduction of plants.
University of Missouri-Kansas City	Biology and Living with Laboratory	BIOLOGY 102/102L	4	Introduction to structural organization and functional processes of living systems. For non-biology majors only.
University of Missouri-St. Louis	General Biology Lecture, General Biology Laboratory	BIOL 1012/1013	4	Emphasis on fundamental principles of biology. BIOL 1012 can be applied toward fulfillment of the general education requirement in science. BIOL 1012 does not satisfy the prerequisite requirements in other courses in biology at the 2000 level or above. Students who plan to pursue a career in medicine or one of the medical-oriented professions should enroll in BIOL 1831 rather than BIOL 1012. BIOL 1013: Prerequisite: BIOL 1012 (may be taken concurrently). Laboratory course to accompany BIOL 1012. BIOL 1013 can be used to fulfill the general education requirements in a laboratory science. BIOL 1013 does not meet the prerequisite requirements for other courses in biology.
Crowder College	General Biology	BIOL 101	4	General Biology is an introduction to the study of biology and covers principles of life science from the chemical basis of life to the interactions between living organisms and their environment. The unifying biological principles of cell structure and function, genetics, development, metabolism, reproduction, and ecology are addressed. A practical laboratory component emphasizes scientific investigations and supports lecture material.
East Central College	General Ecology	BIO 110	4	This general education course is designed to introduce the concepts, questions, facts and methods of ecology, the scientific study of how organisms interact with their nonliving environment and with other organisms. The course will emphasize organismal biology and its relations within biological sciences. The course is designed as a lecture and lab course. The lab portion will reinforce concepts learned in lecture and provide opportunities to observe ecology at work in local environments.
East Central College	General Biology Lecture	BIO 111	4	An introductory course involving fundamental biological principles of both plant

	and Lab			and animal life. This course is designed to be used as a general education course and is not open to students with credit in botany or zoology or students planning to take an additional course in the biological sciences. The laboratory portion of this course will reinforce topics covered in the General Biology lecture. In lab, the emphasis is placed on scientific method, data collection and reporting, problem solving and critical thinking.
Jefferson College	General Biology	BIO 101	4	General Biology emphasizes the physical, chemical, and functional aspects common to all organisms and presents a general survey of life forms. Laboratory time is required.
Metropolitan Community College	General Biology	BIOL 101	4	Biological principles and methods applied to selected groups of living organisms and their environment.
Metropolitan Community College	Environmental Science	BIOL 102	4	General principles of human ecology and environmental science. Examination of problems in human ecology such as population growth, resource allocation, and pollution. Field work.
Metropolitan Community College	General Botany	BIOL 104	4	Biological principles and their application to the plant kingdom. Microscopic and gross examination of anatomy of plants. Life cycles and ecological relationships.
Metropolitan Community College	General Zoology	BIOL 106	4	Systematic survey of the major animal phyla. Microscopic and gross examination of representative animal types. Anatomy and physiology, natural history, life cycles, ecological relationships, and genetics.
Metropolitan Community College	Introduction to Biology	BIOL 118	4	Basic structure of life. Cell structure. Plant and animal systems. Diversity of life. Relationship of human beings to other living things and the interaction of biological and physical systems. Part of the instruction given by videotape.
Mineral Area College	General Biology	BIO 1150	4	Presents selected basic biological concepts and principles fundamental to the understanding of the operation of biological systems. The nature of science concepts of biological organization, characteristics and chemistry of the cell, energy relationships, reproduction, heredity, classification, evolution and environmental relationships of living things may be presented.
Missouri State University-West Plains	Biological Science for Educators	BIO 100	4	An introduction to the unifying principles of biology and the processes of scientific investigation using an inquiry approach. Laboratory experiences model inquiry teaching methods appropriate for use in early childhood, elementary and middle school science lessons. This course is open only to early childhood, elementary, middle school and special education majors.
Missouri State University-West Plains	Biological Concepts & Understanding Biological Systems Through Inquiry	BIO 101/111	4	Unifying principles of biology from the molecular through ecosystems level.

Missouri State University-West Plains	Environmental Science	ENV 105	4	The study of global geological cycles, biodiversity trends, human population dynamics, sustainable land and water usage, pollution impacts, energy challenges, climate change and future predictions for a cooperative global effort toward a habitable planet. The course includes a laboratory component.
Moberly Area Community College	Biology	BIO 101	4	This course is designed to provide each student with an understanding and appreciation of the diversity of living things and their cell structure, chemistry, genetics, evolution, and ecological relationships .
North Central Missouri College	General Biology	BI 100	4	This course focuses on the general principles of biology, including ecology, cell biology, biochemistry, genetics, microbiology, botany, and zoology. Structure, function and life application are stressed as components of each unit of study.
Ozarks Technical Community College	Life Science	BIO 100	4	This course covers a study of the biological principles that apply to all living systems. A survey of living organisms with an emphasis on how life functions on earth and how living things have adapted over time is explored. Laboratory activities give students the opportunity to apply biological principles presented in lecture.
Ozarks Technical Community College	Environmental Science	BIO 105	4	This course provides a study of how human population affects the earth's ecosystems by its use of earth's resources and disposal of their waste products. Critical thinking is emphasized.
St. Charles Community College	Essentials of Biology Lecture & Lab	BIO 105/106	4	Examines fundamental principles of biology. Includes organization of living things, scientific method, cell and molecular biology, genetics, ecology, evolution, and relationship between biology and society. Suitable for non-science majors. BIO 106: Emphasis on use of methodologies typical of biological studies. Compliments topics covered in BIO 105.
St. Charles Community College	Introduction to Ecology Lecture & Lab	BIO 120/121	4	Explores structure and function of ecosystems. Study of general ecological principles in context of current problems in world's ecosystems. Course includes field trips to off-campus locations. Hybrid course. (For non-science majors.) BIO 121: Ecological investigations in field and laboratory settings and procedures similar to those used by ecologists to study the natural world. Investigations will complement topics covered in BIO 120. Course includes field trips to off campus locations. Requires concurrent enrollment in BIO 120.
St. Louis Community College	General Zoology	BIO 110	4	This course provides a survey of the animal kingdom with emphasis on comparative anatomy, physiology, ecology and evolution of the major invertebrate and vertebrate groups. Additional lab hours required.
St. Louis Community College	Introductory Biology I	BIO 111	4	Introductory Biology provides a consideration of the principles of biology, with emphasis on the molecular approach to the structure and function of living organisms. This course is for liberal arts students and majors in physical education, physical and occupational therapy, nursing, and other allied health

				areas. (Credit is not allowed for both BIO 111 and BIO 140).
St. Louis Community College	General Botany I	BIO 124	4	Students will be introduced to the biological aspects of plant life, including cell structure and function, anatomy, morphology, physiology, taxonomy. The laboratory reinforces some of the topics and concepts covered in the lecture. Additional lab hours required.
State Fair Community College	Introductory Biology with Lab	BIO 112	4	Introduction of biology that develops an understanding of basic, unifying concepts in science and biology through an investigative laboratory environment. Topics include the scientific method, biochemistry, cell biology, metabolism, genetics, evolution, ecology, and human ecology.
State Technical College of Missouri	Environmental Science with Laboratory	PHY 103/104	4	Environmental science provides an integrated, quantitative, and interdisciplinary approach to the study of environmental systems. Information about physical, chemical, and biological conditions of the environment and their effect on organisms are studied to help solve ecological problems. Sustainable natural resource management will be stressed. An attitude of stewardship of natural capital will be encouraged. PHY 104: This is the science lab corresponding to the Environmental Science lecture course. The courses are designed to increase student awareness of the issues surrounding the interactions of humans with the natural environment. Basic quantitative techniques for collecting and analyzing data from environmental systems will be introduced.
Three Rivers College	Environmental Science	BIOL 102	4	This course examines the relationship between man and the environment through studies of ecological principles, human overpopulation, resource depletion, and pollution. Prerequisite(s): ENGL 02 and READ 02 or Writing and Reading placement of ENGL 111.
Three Rivers College	General Biology	BIOL 101	4	This general education course utilizes scientific inquiry to evaluate bio-ethical and environmental issues. The relationship between living beings and the physical environment is explored through studies in cell biology, genetics, evolution, plant and animal classification, and ecology.

MOTR COURSE NUMBER	**MOTR BIOL 100**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Biology lecture course for majors that will take other biology courses. This course emphasizes the unifying principles of biology, including chemistry of biomolecules, cell theory, genetics, evolutionary theory, ecology, organismal biology and scientific inquiry. This course may be comprehensive or provide in-depth study within a subset of the unifying principles of biology.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Biology Survey Lecture	BIO 0151	3	It focuses on three theories: cell theory, gene theory and evolution theory. The courses do not have to be taken concurrently, although that is recommended for Biology and Teacher Education majors. The course introduces students to the principal concepts, ideas and developments in the biological sciences to provide a sound and general basis for understanding information, principles and concepts related to scientific inquiry, the nature of matter and energy transfer, cells, heredity, aspects of reproduction and development, the origin, evolution, and diversity of life.
Lincoln University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri Southern State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri University of Science & Technology	Principles of Biology	BIOSCI 1213	3	A comprehensive study of the general principles of the biology of plants, animals, and protists including population biology and regulation mechanisms. An in-depth study of the fundamental principles governing all living organisms from the molecular to the population level.
Missouri Western State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Northwest Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

Truman State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Central Missouri	Principles of Biology	BIOL 1110	3	Examination of basic biological principles including the scientific method, biological molecules, cellular function and structure, photosynthesis, respiration, metabolism, cell mitosis, genetics, evolution, diversity, and ecology.
University of Missouri-Columbia	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-Kansas City	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-St. Louis	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Crowder College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
East Central College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Jefferson College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Metropolitan Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Mineral Area College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State Univ.-West Plains	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Moberly Area Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
North Central Missouri College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Ozarks Technical Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
St. Charles Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
St. Louis Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
State Fair Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

State Technical College of Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Three Rivers College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**BIOLOGY WITH LAB**
MOTR COURSE NUMBER	**MOTR BIOL 100L**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**4**
MOTR COURSE DESCRIPTION	Biology lecture and laboratory course for majors that will take other biology courses. This course emphasizes the unifying principles of biology, including chemistry of biomolecules, cell theory, genetics, evolutionary theory, ecology, organismal biology and scientific inquiry. This course may be comprehensive or provide in-depth study within a subset of the unifying principles of biology.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Biology Survey Lecture	BIO 0151/0152	4	It focuses on three theories: cell theory, gene theory and evolution theory. The courses do not have to be taken concurrently, although that is recommended for Biology and Teacher Education majors. The course introduces students to the principal concepts, ideas and developments in the biological sciences to provide a sound and general basis for understanding information, principles and concepts related to scientific inquiry, the nature of matter and energy transfer, cells, heredity, aspects of reproduction and development, the origin, evolution, and diversity of life. BIO 0152 provides hands-on experience with the fundamental concepts and principles encountered in the lecture part of Biology Survey or Principles of Biology. The processes of science are emphasized such as observing, designing experiments, refining techniques and presenting and interpreting the results of findings. Basic laboratory techniques and safety are stressed.

Lincoln University	Organismal Biology	BIO 105	4	Overview of 5 major kingdoms, with major focus on structural and functional relationships and phylogeny.
Lincoln University	General Botany	BIO 106	4	Fundamental facts and principles of plant life. Form, structure, reproduction and life processes are emphasized.
Missouri Southern State University	Principles of Biology I	BIO 0110	4	First in a two-course introductory sequence for biology majors. The unifying principles of living organisms including scientific method, biological molecules, cell structure, function and metabolism, genetics, evolution, and a survey of Prokaryotes, Protistans, and Fungi.
Missouri State University	General Biology	BIO 121	4	First half of 2-semester introductory biology sequence for biology majors and minors. Introduction to the concepts of biological structure and function at the molecular and cellular level, genetics, and evolution.
Missouri University of Science & Technology	Principles of Biology	BIO SCI 1213/1219	4	A comprehensive study of the general principles of the biology of plants, animals, and protists including population biology and regulation mechanisms. An in-depth study of the fundamental principles governing all living organisms from the molecular to the population level. BIO SCI 1219: The laboratory work accompanying general biology consists of experiments designed to supplement and extend lectures in General Biology and Principles of Biology.
Missouri Western State University	Principles of Organismal Biology	BIO 105	4	Examines basic concepts and principles of evolutionary biology, behavior, ecology, physiology and morphology at the organismal level.
Missouri Western State University	Principles of Cell Biology	BIO 106	4	This introductory biology course examines the structure and function of animal and plant cells, interactions between cells, intra- and intercellular signaling mechanisms and basic cellular biochemistry. Within the above context, students are also introduced to basic concepts of molecular biology and development. Three hours lecture, three hours lab. LAS Writing.
Northwest Missouri State University	Principles of Biology/ Lab	BIO04106/4107	4	A course designed for students who want more advanced study in the biological sciences which provides a broad survey of the fundamental principles of living systems, including their nature, processes, organization, and evolution. This course covers topics basic to the study of biology, including chemistry of biomolecules, prokaryotic and eukaryotic cell structure and function, cell division, classical and molecular genetics, evolutionary theory, general taxonomic classification, ecological principles, as well as the process of scientific inquiry. Three hours of lecture per week.
Southeast Missouri State University	Evolution and Ecology	BI 163	4	Introduction to principles of evolution and ecology of organisms through application of the scientific method. Three lectures; one two-hour lab.
Truman State University	Introductory Biology I	BIOL 107	4	This course presents the unifying concepts of biology with a focus on the nature and philosophy of biological science, evolution by natural selection and the central role of DNA in evolution. Cellular and molecular levels of organization are studied. Laboratory investigations are included. Required of all biology majors.

University of Central Missouri	Plant Biology	BIOL 1111	4	Examination of basic biological principles including the scientific method; macromolecules of life; cellular structure, function, and replication; and plant form, function and diversity. Laboratory included.
University of Central Missouri	Animal Biology	BIOL 1112	4	Introduction to the evolution and classification of the metazoa with emphasis on the form and function of selected invertebrate and vertebrate animals.
University of Missouri-Columbia	Introduction to Biological Systems with Laboratory	BIO_SC 1500	4	Basic concepts and principles of the structure and function of living systems, from cells to populations. Foundation course for science students intending to complete a 3-semester sequence that also includes genetics and cell biology.
University of Missouri-Columbia	Introduction to Biological Systems with Laboratory (H)	BIO _SC 1500H	4	Basic concepts and principles of the structure and function of living systems, from cells to populations. Foundation course for science students intending to complete a 3-semester sequence that also includes genetics and cell biology.
University of Missouri-Kansas City	General Biology I Lecture + Lab	BIOLOGY 108/108L	4	Fundamental studies in biology emphasizing the unity and diversity of life. Topics include the basic chemistry of biological processes, cell types and organelles, energy harvesting and energy producing pathways, cell and life cycles, genetics, DNA structure, genes, transcription, translation, natural selection, population genetics, speciation, and phylogenetic analysis. LAB: Basic laboratory studies in Biology emphasizing the unity and diversity of life. Structure, function, heredity, development, ecology and evolution will be explored.
University of Missouri-St. Louis	Introductory Biology: Organisms and the Environment	BIOL 1821	4	This course presents an introduction to some of the principles of biology and scientific methodology applied to the organism and supraorganism levels of biology. Topics to be covered include: ecology, evolution, diversity, and population biology. Three hours of lecture and one hour of discussion per week.
University of Missouri-St. Louis	Introductory Biology: From Molecules to Organisms	BIOL 1831	4	This course presents an introduction to some of the principles of biology and scientific methodology applied to the molecular/cellular through organ system levels of organization. Topics include: cell structure, metabolism, reproduction, heredity and major physiological processes regulated by organ systems. Three hours of lecture, three and one-half hours of lab, and one hour of discussion per week.
Crowder College	General Zoology	BIOL 110	4	General Zoology introduces Kingdom Animalia, surveying the diversity of the kingdom with an emphasis on the classification and ecology of major animal groups. Animal-like Protists are also discussed. Topics include evolution, natural and sexual selection, symbiotic relationships, and environmental issues relating to members of the animal kingdom.
Crowder College	General Botany	BIOL 120	4	General Botany is an introduction to the discipline of botany and includes the study of plants, algae, fungi, and bacteria. Topics covered include principles of cell biology, fundamentals of metabolism, basic plant anatomy and physiology, plant taxonomy, a systematic survey of the plant kingdom, and ecology. An extensive laboratory section supports and extends the lecture material.
East Central College	Principles of Biology I Lecture/Lab	BIO 121	4	Prerequisite: BIOL 101; or ACT Composite Score 23 or above; or two years high school biology.

Jefferson College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Metropolitan Community College	General Biology for Majors I	BIOL 123	4	Study of biological principles including; genetics, evolution, population, and ecosystems.
Metropolitan Community College	General Botany	BIOL 104	4	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Metropolitan Community College	General Zoology	BIOL 106	4	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Mineral Area College	General Botany	BIO 2112	4	Emphasizes biological principles as applied to plants. Plant structure, function, genetics, reproduction, physiology and classification are stressed. Meets the general education biological science requirement.
Mineral Area College	General Zoology	BIO 2122	4	An introduction to the important principles and concepts of zoology. Emphasizes cell biology, genetics, reproduction and the major animal phyla.
Missouri State University-West Plains	General Biology	BIO 121	4	First half of 2-semester introductory biology sequence for biology majors and minors. Introduction to the concepts of biological structure and function at the molecular and cellular level, genetics, and evolution.
Moberly Area Community College	General Zoology Introductory	BIO 150	4	This course involves a comparative study of animal life and the anatomical adaptations that enable animals to inhabit nearly all ecological niches. Extensive lab work and some field trips are required.
Moberly Area Community College	Introductory Plant Biology	BIO 151	4	This course examines general biological principles with emphasis on the structures, reproduction, and ecology of seed plants. Course includes lab work and field trips.
North Central Missouri College	General Botany	BI 101	4	This course focuses on a fundamental study of plant structure, physiology, ecology, economic importance, life histories, and taxonomy.
North Central Missouri College	General Zoology	BI 103	4	A general study of animal phyla with a focus on structure, ecology, behavior, taxonomy, and defining characteristics.
North Central Missouri College	General Ecology	BI 110	4	This course focuses on the general principles of ecology (populations, communities, and ecosystems) and field technique. The inter-relationships of the following natural resources will be stressed: air, water, soils, forests, grasslands, wildlife, fish, and endangered species.
Ozarks Technical Community College	General Biology I	BIO 160	4	This course is an introductory biology course for biology majors and minors. It provides an introduction to the concepts of biological structure and function at the molecular and cellular level, genetics and evolution. Students have the opportunity to demonstrate in the laboratory the principles presented in lecture.
St. Charles Community College	General Biology I	BIO 150	4	Basic principles of plant and animal biology, including cell biology, biochemistry, energetics, genetics, evolution, and ecology. Appreciation of scientific method in general and biological methodology. Lab component will emphasize the use of methodologies typical of biological studies.

St. Louis Community College	Principles of Biology I	BIO 140	4	Principles of Biology I presents an introduction to scientific methodology and biological principles applied to the molecular level of the structure and function of living organisms.
State Fair Community College	Biology I w/Lab	BIO 125	4	First semester of a two-semester introduction to biological sciences intended for biology and related majors. Topics include philosophical, historical and social context of biology; scientific method and investigative techniques; biological structure and function at molecular and cellular levels; genetics; and plant form, function and diversity. (3 lecture, 2 lab)
State Technical College of Missouri	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Three Rivers College	Biology for Majors	BIOL 190	4	A course designed for biology majors and pre-professionals covering cell structure and function, the molecular basis of genetics, cellular energy systems, taxonomy, evolution, ecosystems, and ecology. Laboratories will include group projects, case studies, and laboratories related to current topics in biology..

CORE 42 MOTRANSFER GUARANTEED

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**ESSENTIALS IN CHEMISTRY**
MOTR COURSE NUMBER	**MOTR CHEM 001**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Lecture course for non-science majors that will not take another chemistry course but would like a survey of the concepts in the discipline. Content emphasizes chemistry fundamental concepts and applications including scientific measurements and problem-solving.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION

Harris-Stowe State University	Fundamentals of Chemistry	CHEM 0151	3	This course is an introduction to some of the important principles and methods of chemistry with applications to the more common elements.
Lincoln University	Living with Chemistry	CHM 103	3	A basic chemical principles course for non-majors, designed for general education and liberal studies students.
Missouri Southern State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University	Chemistry for the Citizen	CHM 107	3	Principal concepts and applications of chemistry are presented. The course looks at both the beneficial side of chemical usage and the problems associated with chemical production and usage. The course provides information needed for a better understanding of environmental concerns, the chemical industry, consumer products and our alternate sources and storage of energy.
Missouri State University	Fundamentals of Chemistry	CHM 116	3	Emphasis on chemical fundamentals and applications. Recommended for students needing only one semester of introductory chemistry.
Missouri University of Science & Technology	General Chemistry for Non-Science Majors	CHEM 1301	3	A one semester introduction to chemistry designed to acquaint the student with the philosophy of the chemist's approach to problem solving and the contribution of chemistry to society.
Missouri Western State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Northwest Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Truman State University	Basic Principles of Chemistry	CHEM 129	3	Basic Principles of Chemistry is a first course in college chemistry that introduces students to the basic concepts of chemistry. It is an ideal course for students who have not had a high school chemistry course, or who wish to review the basics before attempting further course work in chemistry. Topics include unit analysis, stoichiometry, reactions in solution, gas laws, enthalpy, basic atomic theory, and bonding using Lewis dot structures.
University of Central Missouri	Introduction to the Sciences: Chemistry	CHEM 1103	3	Introduction to the basic concepts of chemistry and scientific methodology, emphasizing the connections between chemistry, technology, and all things in a modern world
University of Missouri-Columbia	Introductory Chemistry	CHEM 1100	3	Covers fundamental principles of scientific measurement, stoichiometry, solutions, basic atomic structure, gases.

University of Missouri-Kansas City	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-St. Louis	Chemistry for the Health Professions	CHEM 1052	3	An introduction to general, nuclear, structural organic, organic reactions and biochemistry. This course is designed primarily for students in nursing and related health professions, and should not be taken by students majoring in the physical or biological sciences.
University of Missouri-St. Louis	Introductory Chemistry I-A	CHEM 1081	3	Covers the topics taught in the first half of CHEM 1111 but at a slower pace, thus allowing students time to fully integrate the concepts and thereby build a stronger foundation for their subsequent Chemistry courses. CHEM 1081 consists of the first half of CHEM 1111 (excluding laboratory experiments), whereas CHEM 1091 covers all the laboratory experiments and second half of lecture part of CHEM 1111.
Crowder College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
East Central College	Introduction to Forensic Chemistry	CH 100	3	Non-laboratory course utilizing the inherently fascinating topics of crime and criminal investigations as a context for teaching the fundamental chemical concepts most often covered in an introductory non-majors course. All the standard topics are covered while bringing together the theme of forensic science and the fundamentals of chemistry in ways that are effective and accessible for students. Topics include Introduction to Forensic Chemistry, Evidence Collection and Preservation, Atomic Structure, Periodic Chemical Properties, Chemistry of Bonding, Properties of Solutions, Intermolecular Forces, Drug Chemistry, Arson Investigation, Chemistry of Explosions, Estimating Time of Death, Nuclear Chemistry, Poisons, and Biological Chemistry.
East Central College	Chemistry of Food	CH 103	3	A general education course utilizing the inherently attractive topics of food chemistry as a context for teaching the fundamental chemical concepts most often covered in an introductory non-majors course. Topics include Scientific method, Atomic Structure, Periodic Chemical Properties, Chemistry of Bonding, Properties of Solutions, Intermolecular Forces, heat, calorie, rate and equilibrium of reactions, acid and base, and biochemistry. This course also covers special topics in proteins, fats, sugars, food microbes, and fermentations process.
Jefferson College	Concepts of Chemistry	CHM 102	3	This course explores the fundamental concepts of chemistry and chemical bases for everyday events. Included are discussions of the scientific method and measurement, the laws of conservation, chemical bonding, chemical reactions, stoichiometry and how chemistry can be used to understand processes encountered in everyday life and the environment.
Metropolitan Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Mineral Area College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural

				Sciences Knowledge Area.
Missouri State University-West Plains	Fundamentals of Chemistry	CHM 106	3	Emphasis on chemical fundamentals and applications
Missouri State University-West Plains	Fundamentals of Chemistry	CHM 116	3	Emphasis on chemical fundamentals and applications
Moberly Area Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
North Central Missouri College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Ozarks Technical Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
St. Charles Community College	Introduction to Chemistry	CHM 101	3	Introduction to basic principles of chemistry, including measurements and problem-solving, atomic theory, chemical nomenclature, chemical reactions, molecular structure, properties of gases, liquids and solids, acid-base chemistry and oxidation-reduction chemistry.
St Louis Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
State Fair Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
State Technical College of Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Three Rivers College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

CORE 42 MOTRANSFER GUARANTEED	**Missouri Higher Education Core Transfer Curriculum**
MOTR COURSE NAME	**ESSENTIALS IN CHEMISTRY WITH LAB (NON-SCIENCE MAJORS)**
MOTR COURSE NUMBER	**MOTR CHEM 001L**

KNOWLEDGE AREA	NATURAL SCIENCES			
TRANSFER CREDITS	4			
MOTR COURSE DESCRIPTION	Lecture and laboratory course for non-science majors that will not take another chemistry course but would like a survey of the concepts in the discipline. Content emphasizes chemistry fundamental concepts and applications including scientific measurements and problem solving.			
INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Fundamentals of Chemistry Lecture with Lab	CHEM 0151/0152	4	CHEM 0151: This course is an introduction to some of the important principles and methods of chemistry with applications to the more common elements. CHEM 0152: is an introduction to some of the important principles and techniques of the chemistry laboratory. Experiments will be based on topics discussed in the lecture course
Lincoln University	Living with Chemistry Lecture with Lab	CHM 103/104L	4	CHM 103: A basic chemical principles course for non-majors, designed for general education and liberal studies students. Can be used to satisfy a part of the general education science requirement. CHM 104L: A basic chemical principles laboratory to accompany the Living with Chemistry course. Fulfills general education lab requirement.
Missouri Southern State University	Chemistry for the Allied Health Sciences	CHEM 0120	4	Basic principles and practical applications of general, organic, and biological chemistry. This course satisfies the requirements of certain teacher education and allied health programs.
Missouri State University	Chemistry for the Citizen Lecture with Lab	CHM 107/108	4	CHM 107: A course for the non-science major. Principal concepts and applications of chemistry are presented. The course looks at both the beneficial side of chemical usage and the problems associated with chemical production and usage. The course provides information needed for a better understanding of environmental concerns, the chemical industry, consumer products and our alternate sources and storage of energy. CHM 108: A one semester course for the non-science major. Principal concepts and applications of chemistry are presented. Emphasis on experiments and lab skills associated with the lecture material in CHM 107.
Missouri State University	Fundamentals of Chemistry Lecture with Lab	CHM 116/117	4	CHM 116: Emphasis on chemical fundamentals and applications. Recommended for students needing only one semester of general chemistry. CHM 117: Laboratory component emphasizing fundamentals and applications covered in CHM 116.
Missouri University of Science & Technology	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri Western State University	Introductory Chemistry	CHE 101	4	Chemistry for liberal arts and sciences students; meets the minimum physical science requirement.

Missouri Western State University	Fundamentals of Chemistry	CHE 104	4	A survey of chemistry with special emphasis on solution and biochemistry; for students majoring in scientific and technological fields such as nursing.
Northwest Missouri State University	General Chemistry with Laboratory	CHEM 24112/24113	4	CHEM 24112: Beginning course for those who did not take chemistry in high school. Must be taken concurrently with CHEM 24113. Serves as a refresher course for science majors and satisfies the general laboratory physical science requirement. Involves a study of elements, compounds and fundamental chemical laws. CHEM 24113: Beginning laboratory course which must be taken concurrently with CHEM 24112 lecture. Two hours of laboratory and recitation
Southeast Missouri State University	Basic Principles of Chemistry	CH 181/001/081	4	CH 181/001/081: A one semester survey of the fundamental principles and systematic behavior of matter. Three lecture hours (CH 181), one recitation hour (CH 001), two lab hours (CH 081) must be taken concurrently.
Southeast Missouri State University	Chemistry for the Allied Health Sciences	CH 182	4	Survey of the basic principles and practical applications of general, organic, and biological chemistry designed for allied health programs
Truman State University	Chemistry for Contemporary Living	CHEM100	4	An introduction to the basic principles of modern chemistry and their applications to social, economic, and political issues.
University of Central Missouri	Introduction to the Sciences: Chemistry GE	CHEM 1104	4	Introduction to the basic concepts of chemistry and scientific methodology, emphasizing the connections between chemistry, technology, and all things in a modern world. Laboratory included.
University of Missouri-Columbia	Atoms and Molecules with Lab	CHEM 1100	4	One-semester introduction for non-science majors to the basic concepts and important applications of chemistry.
University of Missouri-Kansas City	Chemistry, Society, and the Environment	CHEM 160/160L	4	This course is intended to offer a survey of chemical and scientific concepts surrounding current issues. The emphasis will be on the application of fundamental chemical knowledge to allow a full understanding of these issues in the context of currently known facts and theories. Through classroom discussion and application of the scientific method, the ramifications of the issues will be examined. Topics will include pollution, the importance of the chemical industry, its responsibilities to society, and other items of current scientific and environmental interest. CHEM 160L: It will consist of field activities, experiments, and demonstrations to reinforce the concepts and ideas presented in that course.
University of Missouri-Kansas City	Basic Chemistry	CHEM 180/181L	4	A one-term course in general chemistry with special emphasis on organic chemistry and biochemistry.
University of Missouri-Kansas City	Elements of Chemistry	CHEM 115/115L	4	A one-term course in general chemistry with special emphasis on organic chemistry and biochemistry. A terminal course that does not meet requirements as a prerequisite for any higher level chemistry course.
University of Missouri-St. Louis	Chemistry in the Environment	CHEM 1011	4	This course examines the role of chemistry in the environment and the application of chemistry to our understanding of society. The focus of the course

				will be the relationship between chemistry and the world around us including topics such as the chemistry of air, global climate change, water and energy
Crowder College	Survey of Chemistry	CHEM 101	4	This course for non-science majors satisfies part of the general education science requirement. The scope of the course is quite broad with emphasis on descriptive rather than theoretical chemistry. Topics illustrating the impact of chemistry on society and aspects of chemistry applicable to everyday living are taken from inorganic, organic and biochemistry.
Crowder College	Chemistry for Health Sciences	CHEM 104	4	This course for students planning to enter certain health fields satisfies part of the general education science requirement. The scope of the course is quite broad with emphasis on descriptive rather than theoretical chemistry. Topics are taken from inorganic, organic and biochemistry with emphasis on those concepts that have application in human health
East Central College	Chemistry of Food with Lab	CHM 103/104	4	A general education course utilizing the inherently attractive topics of food chemistry as a context for teaching the fundamental chemical concepts most often covered in an introductory non-majors course. Topics include Scientific method, Atomic Structure, Periodic Chemical Properties, Chemistry of Bonding, Properties of Solutions, Intermolecular Forces, heat, calorie, rate and equilibrium of reactions, acid and base, and biochemistry. This course also covers special topics in proteins, fats, sugars, food microbes, and fermentations process. CHM 104: This science lab course in food chemistry, combined with CH*1073, The Chemistry of Food, will satisfy General Education requirement at East Central College. Using experiments and hands on critical exploration, this course is designed to reinforce food chemistry topics taught in lecture. Topics of study include, but not limited to, a series of experiments studying the chemistry of eggs, meat, fish, sugars, and fats.
Jefferson College	Introduction to Chemistry	CHM 101	4	Introductory Chemistry gives students the opportunity to learn about and construct an understanding of the fundamental concepts and laws that describe the composition, structure, and behavior of matter. The theory and practical applications of the concepts will be emphasized.
Metropolitan Community College	Survey of Chemistry	CHEM 101	4	Survey of the principles of chemistry and the role and significance of chemistry in the modern world.
Metropolitan Community College	Preparatory General Chemistry	CHEM 107	4	Introduction to the elementary principles of chemistry with emphasis on chemical calculations.
Metropolitan Community College	Introductory Chemistry for Health Sciences	CHEM 105	4	The principles of general, organic, and biological chemistry for science students
Mineral Area College	Introductory Chemistry	PHS 1250	4	A presentation of the fundamentals of chemistry for the non-science major who needs a course in physical science or who wishes to broaden his general scientific knowledge
Missouri State University-West Plains	Fundamentals of Chemistry Lecture	CHM116 /117	4	CHM 116: Emphasis on chemical fundamentals and applications. Recommended for students needing only one semester of introductory

	with Lab			chemistry. CHM 117: Emphasis on experiments and lab skills associated with the lecture material in CHM 116, such as chemical fundamentals and applications. Recommended for students needing only one semester of general chemistry lab.
Moberly Area Community College	Foundations of Chemistry	PHY 120	4	Foundations of Chemistry introduces students to the basic principles of chemistry. Topics covered include scientific measurement, atomic and molecular structure, chemical nomenclature, stoichiometry, solutions and gases. This course is intended for non-science majors and includes a laboratory component.
North Central Missouri College	Introduction to Chemistry	CH 107	4	A beginning chemistry course primarily for non-science majors. An introduction to the basic principles of chemistry emphasizing the importance of chemistry in the real world and its impact on society and the environment.
Ozarks Technical Community College	Introductory Chemistry	CHM 101	4	This is an introductory course designed to study basic chemical principles. Topics include atomic structure, measurement, bonding, properties of gases, acids and bases, solutions, organic nomenclature, functional groups, carbohydrates, lipids, proteins, and nucleic acids. Laboratory activities give students the opportunity to demonstrate chemical principles presented in lecture.
St. Charles Community College	Introduction to Chemistry with Lab	CHM 101/103	4	CHM 101: Introduction to basic principles of chemistry, including measurements and problem-solving, atomic theory, chemical nomenclature, chemical reactions, molecular structure, properties of gases, liquids and solids, acid-base chemistry and oxidation-reduction chemistry. CHM 103: Hands-on course with emphasis on proper laboratory techniques and experimental activities that illustrate concepts studied in CHM 101.
St. Louis Community College	Fundamentals of Chemistry I	CHM 101	4	Fundamental of Chemistry I is a one semester course which presents the fundamental concepts and symbolism of chemistry with applications to everyday life. The course is suited for allied health students and for students not planning to major in science. Laboratory work presents opportunity to use laboratory equipment, emphasizes observations and measurements, and provides elementary quantitative and qualitative analysis.
St. Louis Community College	Chemistry and the Environment	CHM 109	4	This course is a one-semester course presenting the concepts and symbolism of chemistry with an emphasis on the natural environment and applications to everyday life.
State Fair Community College	Introduction to Chemistry with Lab	CHEM101	4	One semester course for non-science majors designed to acquaint the student with scientific reasoning. A writing intensive course, which introduces the principles of the nature of matter/atom, reactions, reaction pathways, solutions, measurements, instrumentation, nuclear chemistry, organic/biological molecules and their applications to current issues.
State Technical College of Missouri	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.

Three Rivers College	Introductory Chemistry	CHEM 111	4	This course covers basic terminology and principles of chemistry. Topics include chemical educations, mole concept, gas laws, atomic theory, chemical bonding, acid-base theory, solutions, and stoichiometry. Laboratory experiences reinforce the chemical principles presented in class. Lecture 4 hours/ Laboratory 2 hours Total 6 hours per week

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**CHEMISTRY I**
MOTR COURSE NUMBER	**MOTR CHEM 100**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Chemistry lecture course for majors that will take other chemistry courses. This course is generally the first course in a two-course sequence. This course emphasizes modern atomic theory, structure and behavior of atoms and molecules, physical properties of matter, chemical reactions and energy relations, periodicity, the mole concept and its applications, and scientific measurements.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	General Chemistry	CHEM 0255	3	This course is structured to provide a general background in chemistry, theoretical as well as descriptive, covering topics such as properties of matter, atomic theory, periodic arrangement, chemical bonds, states of matter, oxidation- reduction, acids and bases. The scientific method is discussed as applied to the chemical sciences. It is appropriate as a first course in chemistry for those who want to continue their study of chemistry and for those who want to broaden their knowledge of the sciences.
Lincoln University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri Southern State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

Missouri State University	General Chemistry I	CHM 160	3	Emphasis on fundamental and theoretical concepts of chemistry. Recommended for all science majors, chemistry majors and minors, and most preprofessional students.
Missouri University of Science & Technology	General Chemistry I	CHEM 1310	3	A comprehensive study of general chemistry concepts with focus on the atomic and molecular nature of matter. Fundamental scientific principles will be applied to solve chemistry problems and describe macroscopic physical properties.
Missouri Western State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Northwest Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Truman State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Central Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-Columbia	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-Kansas City	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-St. Louis	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Crowder College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
East Central College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Jefferson College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Metropolitan Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Mineral Area College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University-West Plains	General Chemistry I	CHM 160	3	Emphasis on fundamental and theoretical concepts of chemistry. Recommended for all science majors, chemistry majors and minors and most pre-professional students
Moberly Area Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural

				Sciences Knowledge Area.
North Central Missouri College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Ozarks Technical Community College	General Chemistry I	CHM 160	3	This course is a study of the fundamental laws and theories of chemical structures and reactions. Topics include: atomic theory, stoichiometry, aqueous reactions, properties of gases, liquids, and solids, periodicity, bonding, thermodynamics, and properties of solutions.
St. Charles Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
St. Louis Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
State Fair Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
State Technical College of Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Three Rivers College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

CORE 42 MOTRANSFER GUARANTEED	**Missouri Higher Education Core Transfer Curriculum**
MOTR COURSE NAME	**CHEMISTRY I WITH LAB**
MOTR COURSE NUMBER	**MOTR CHEM 100L**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**4**

MOTR COURSE DESCRIPTION	Chemistry lecture and laboratory course for majors that will take other chemistry courses. This course emphasizes modern atomic theory, structure and behavior of atoms and molecules, physical properties of matter, chemical reactions and energy relations, periodicity, the mole concept and its applications, and scientific measurements.			
INSTITUTION	**COURSE NAME**	**COURSE NUMBER**	**TRANSFER CREDITS**	**COURSE DESCRIPTION**
Harris-Stowe State University	General Chemistry I with Lab	CHEM 0255/0256	4	CHEM 0255: This course is structured to provide a general background in chemistry, theoretical as well as descriptive, covering topics such as properties of matter, atomic theory, periodic arrangement, chemical bonds, states of matter, oxidation- reduction, acids and bases. The scientific method is discussed as applied to the chemical sciences. It is appropriate as a first course in chemistry for those who want to continue their study of chemistry and for those who want to broaden their knowledge of the sciences. CHEM 0256: This course is structured to supplement a general chemistry course (CHEM 0255) with instructions in the elementary techniques and safety procedures used in the chemical laboratory. The scientific method is discussed as applied to the chemical sciences. It is appropriate as a supplement to a first course in chemistry for those who want to continue their study of chemistry and for those who want to broaden their knowledge base of the sciences.
Lincoln University	General Chemistry I	CHM 101	4	Introduction to chemistry with emphasis on principles. Also includes a survey of the descriptive chemistry of the elements. Three one-hour lectures and one three-hour laboratory.
Missouri Southern State University	General Chemistry I with Lab	CHEM 0151	4	Introductions to theories of chemistry with emphasis on the relationship of structure to properties of matter, the changes that occur during chemical reactions, and the quantitative aspects of these changes. Four lectures, one 3-hour laboratory per week.
Missouri State University	General Chemistry I with Lab	CHM 160/161	4	CHM 160: Concurrent enrollment in CHM 161 is highly recommended. Emphasis on fundamental and theoretical concepts of chemistry. Recommended for all science majors, chemistry majors and minors, and most pre-professional students. CHM 161: An introduction to laboratory chemistry employing principles and techniques that reflect material presented in CHM 160, e.g., synthesis, stoichiometry, physical studies, and data manipulation and interpretation.
Missouri University of Science & Technology	General Chemistry I with Lab	CHEM 1310/1319	4	A comprehensive study of general chemistry concepts with focus on the atomic and molecular nature of matter. Fundamental scientific principles will be applied to solve chemistry problems and describe macroscopic physical properties. CHEM 1319: The laboratory work accompanying general chemistry consists of experiments designed to supplement lectures in CHEM 1310.
Missouri Western State University	General Chemistry I with Lab	CHE 111	4	Basic concepts of chemistry: atomic theory and periodic system, chemical calculations, oxidation-reduction, states of matter, theory of chemical bonding,

				atomic structures.
Northwest Missouri State University	General Chemistry I with Lab	CHEM 24114/24115	4	Beginning course for science majors with a good high school background in chemistry. Must be taken concurrently with CHEM 24115. This course covers fundamental chemical principles such as atoms, molecules, chemical reactions, stoichiometry, and gas laws as it progresses towards detailed study of quantum chemistry, periodic relationships, and molecular structure and properties.
Southeast Missouri State University	General Chemistry	CH 185/005/085	4	A study of atomic structure, chemical bonding, properties of matter and chemical reactions.
Truman State University	Chemical Principles I	CHEM 130	4	Chemical Principles I is a continuation and expansion of the topics introduced in CHEM 129 - Basic Principles of Chemistry. CHEM 130 quickly reviews the material covered in CHEM 129 - Basic Principles of Chemistry and then expands upon this base to cover the fundamental concepts of chemistry. Topics beyond those in CHEM 129 - Basic Principles of Chemistry include thermodynamics (enthalpy, entropy and the Gibbs energy), kinetics, basic equilibrium, quantum mechanics and simple approaches to bonding (Lewis dot structures and VSPER theory).
University of Central Missouri	General Chemistry I with Lab	CHEM 1131	4	First of a two course sequence that introduces the fundamental principles of chemistry and the reactivity of chemical elements and compounds. This course emphasizes modern atomic theory, structure and behavior of atoms and molecules, physical properties of matter, chemical reactions and energy relations, periodicity, and the mole concept and its applications. Includes laboratory experience.
University of Missouri-Columbia	College Chemistry I	CHEM 1320	4	First of two-course sequence emphasizing principles and applications of modern chemical sciences. Covers chemical nomenclature, stoichiometry, kinetic molecular theory, atomic structure, periodic properties, and molecular structure and bonding.
University of Missouri-Columbia	College Chemistry I-Honors	CHEM 1320H	4	First of two-course sequence emphasizing principles and applications of modern chemical sciences. Covers chemical nomenclature, stoichiometry, kinetic molecular theory, atomic structure, periodic properties, and molecular structure and bonding.
University of Missouri-Columbia	Honors Intensive General Chemistry with Lab-Honors	CHEM 1500H	4	A one-semester, intensive introduction to chemistry for honors-eligible students that takes the place of CHEM 1320, CHEM 1330. Four lectures and one 3-hour lab period per week.
University of Missouri-Kansas City	General Chemistry I with Lab	CHEM 211/211L	4	Stoichiometry, gas laws, thermochemistry, atomic structure, molecular shapes and bonding theories. CHEM 211L: Introduction to the laboratory techniques used in studying the chemical properties of substances. Some quantitative techniques are included.

University of Missouri-St. Louis	Introductory Chemistry I-B	CHEM 1091	4	CHEM 1091 is the completion of CHEM 1111 for students who have completed CHEM 1081. The laboratory portion of this course will start at the beginning of the semester. The lecture part of the course starts in mid-semester and students join an ongoing CHEM 1111 class. Students who completed CHEM 1081 must complete CHEM 1091 to be considered as having completed the equivalent of CHEM 1111. Three hours of lecture and one and one half hours of workshop during the second half of the semester, and three hours of laboratory per week during the entire semester.
University of Missouri-St. Louis	Introductory Chemistry I	CHEM 1111	4	Presents an introduction to the fundamental laws and theories of chemistry. Laboratory experiments are designed to demonstrate some aspects of qualitative and quantitative analysis and to develop skills in laboratory procedures.
Crowder College	General Chemistry I	CHEM 111	4	This class emphasizes the fundamental principles of chemistry. It includes a study of atomic and molecular structure, chemical bonding, stoichiometry, gases, liquids, solids, changes of state, solutions, colloids, chemical equilibria and acid-base chemistry.
East Central College	General Chemistry I with Lab	CHM 111	4	A study of atomic and molecular structure, bonding, chemical equations, stoichiometry, gases, and solutions.
Jefferson College	General Chemistry I	CHM 111	4	General Chemistry I is a study of the composition and structure of matter with emphasis on fundamental laws and related computations. The topics covered include stoichiometry, atomic structure, radioactivity, chemical bonding, chemical reactions in aqueous solutions, physical states of matter, and properties of gases. Laboratory time is required.
Jefferson College	Honors General Chemistry I	CHM 111H	4	Honors General Chemistry I is a study of the composition and structure of matter with emphasis on fundamental laws and related computations. The topics covered include stoichiometry, atomic structure, radioactivity, chemical bonding, chemical reactions in aqueous solutions, physical states of matter, and properties of gases. Laboratory time is required. This course involves three hours of lecture, and laboratory time is required.
Metropolitan Community College	General College Chemistry I	CHEM 111	4	Introduction to the understanding of atoms and molecules: their qualitative and quantitative reactions and interactions.
Mineral Area College	General Chemistry I	PHS 1350	4	A presentation of the fundamentals of chemistry for the science or engineering major. The laboratory emphasizes quantitative measurements and procedures.
Missouri State University-West Plains	General Chemistry I with Lab	CHM 160/161	4	Emphasis on fundamental and theoretical concepts of chemistry. Concurrent registration in CHM 161 is highly recommended. CHM 161: An introduction to laboratory chemistry employing principles and techniques that reflect material presented in CHM 160, e.g., synthesis, stoichiometry, physical studies and data manipulation and interpretation.

Moberly Area Community College	General Chemistry I	PHY 121	4	General Chemistry I is the first course in the general chemistry sequence and emphasizes the fundamental principles of chemistry. Topics include measurement, physical and chemical processes, nomenclature, atomic structure, quantum theory, stoichiometry, molecular structure, bonding theory, physical properties of gases, thermochemistry, and properties of solutions. Upon completion of the course, students should be able to demonstrate an understanding of the fundamental chemical laws and concepts and will obtain prerequisite chemical knowledge needed for advancement to General Chemistry II.
North Central Missouri College	General Chemistry I	CH 110	4	A rigorous introductory chemistry course primarily for science, engineering and science education majors. An introduction to the elementary principles of modern chemistry emphasizing structure and properties of matter, stoichiometry, nomenclature and bonding. Lecture and laboratory.
Ozarks Technical Community College	General Chemistry I with Lab	CHM 160/161	4	This course is a study of the fundamental laws and theories of chemical structures and reactions. Topics include: atomic theory, stoichiometry, aqueous reactions, properties of gases, liquids, and solids, periodicity, bonding, thermodynamics, and properties of solutions. CHM 161: The lab emphasizes proper laboratory technique, synthesis, physical studies, qualitative and quantitative analysis, and data manipulation and statistical analysis.
St. Charles Community College	General Chemistry I	CHM 115	4	Study of how compounds are formed and named, chemical equations, calculations and problem-solving involving elements, compounds and chemical equations including stoichiometry, thermochemistry; properties of gases, solids, solutions, and acids and bases. Experiments introduce basic lab skills and aspects of qualitative and quantitative analysis.
St. Louis Community College	General Chemistry I	CHM 105	4	General Chemistry I is a one-semester course designed for science-related majors that emphasizes the fundamental principles of chemistry. Topics include measurement, physical and chemical processes, nomenclature, atomic structure, quantum theory, stoichiometry, molecular structure, bonding theory, physical properties of gases, thermochemistry, and properties of solutions. Upon completion of the course, students should be able to demonstrate an understanding of the fundamental chemical laws and concepts and will obtain prerequisite chemical knowledge needed for advancement to General Chemistry II. Additional lab hours required.
State Fair Community College	General Chemistry I with Lab	CHEM 123	4	Intended for the science major and science-oriented fields; examines the structure of the atom, periodic classification, molecular structures, chemical reactions, aqueous solutions, and chemical energetics.
State Technical College of Missouri	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.

Three Rivers College	General Chemistry I	CHM 121	4	This course uses basic chemical principles in order to solve chemical problems. Topics include the atomic theory, stoichiometry, thermochemistry, chemical bonding, kinetic molecular theory, gas laws, solutions, and electrolytes. Laboratory work appropriate to these topics is also covered in the course.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**PHYSICAL GEOGRAPHY**
MOTR COURSE NUMBER	**MOTR GEOG 100**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	A study of the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Principles of Geography	GEOG 0200	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**.
Lincoln University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri Southern State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri University of Science & Technology	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

Missouri Western State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Northwest Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Truman State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Central Missouri	Physical Geography	GEOG 2100	3	A survey that investigates global climates, soils, vegetation, and landforms and the causes, effects, and interactions among these elements to create unique physical environments.
University of Missouri-Columbia	Introduction to Physical Geography	GEOG 2610	3	Examination of the interacting natural systems that comprise the Earth's physical environment, including the atmosphere, biosphere, and landforms. Focus on relating fundamental physical, chemical and ecological processes to the global geographic patterns they produce.
University of Missouri-Kansas City	Understanding the Earth: Introduction to Environmental Science and Laboratory	ENV-SCI 110R	3	This introductory course surveys the processes that shape our planet. Topics include: plate tectonics and mountain-building, rivers and oceans, atmospheric circulation, weather and climate, and the amazingly complex relationships between life on Earth and the physical environment.
University of Missouri-Kansas City	Introduction to Physical Geography	GEOG 150	3	This course is an introduction to the study of the natural environmental systems of earth–the atmosphere, the hydrosphere, the biosphere, and the lithosphere. The primary objective of the course is to provide a broad overview of these systems at a global scale. This overview will entail descriptions of natural systems and the variations they exhibit both from place to place and through time. It will also entail explaining how natural systems operate and interact with each other, thereby providing a necessary foundation for understanding the tremendously diverse physical geography of earth. Applies to natural science requirement.
University of Missouri-Kansas City	Issues in Environmental Science	ENV-SCI 210	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Missouri-St. Louis	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Crowder College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
East Central College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural

				Sciences Knowledge Area.
Jefferson College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Metropolitan Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Mineral Area College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University-West Plains	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Moberly Area Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
North Central Missouri College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Ozarks Technical Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
St. Charles Community College	Geography for Educators	GEOG 110	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
St. Charles Community College	Principles of Geography	GEOG 100	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
St. Louis Community College	Physical Geography	GEG 103	3	This course introduces the characteristics of the Earth's surface and the interaction of processes that produce a world pattern of distinctive environments significant to humanity. Topics include Earth surface processes and the development of landforms and landscapes; weather and climate; soils and vegetation and their global distribution.
State Fair Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
State Technical College of Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Three Rivers College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**PHYSICAL GEOGRAPHY WITH LAB**
MOTR COURSE NUMBER	**MOTR GEOG 100L**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**4**
MOTR COURSE DESCRIPTION	An introductory lecture and laboratory course of the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Lincoln University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri Southern State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri State University	Introductory Physical Geography	GRY 142	4	A study of the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized.
Missouri University of Science & Technology	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri Western State University	Physical Geography	GEO 160	4	Analysis of Earth's physical systems, Earth-Sun relationships, weather and climate, soils and landforms, fluvial processes, global vegetation, exercises involving data collection, aerial photography and map interpretation, and data analysis. Three hours lecture and two hours lab.
Northwest Missouri State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.

Southeast Missouri State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Truman State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
University of Central Missouri	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
University of Missouri-Columbia	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
University of Missouri-Kansas City	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
University of Missouri-St. Louis	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Crowder College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
East Central College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Jefferson College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Metropolitan Community College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Mineral Area College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri State University-West Plains	Introductory Physical Geography	GRY 142	4	A study of the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized.
Moberly Area Community College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
North Central Missouri College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Ozarks Technical Community College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
St. Charles Community College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
St. Louis Community College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.

State Fair Community College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
State Technical College of Missouri	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Three Rivers College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**GEOLOGY**
MOTR COURSE NUMBER	**MOTR GEOL 100**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	An introductory lecture course in physical geology that studies the materials, structure, and surface features of the Earth and the processes which have shaped it.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	General Geology	GEOL 0250I	3	Among the topics discussed are erosion and deposition, plate tectonics, earthquakes, exploratory geology and planetary geology. This course involves field and laboratory experiences in addition to classroom lectures. (S)
Lincoln University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri Southern State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University	Environmental Geology	GLG 171	3	Treats those aspects of geology that interface directly with humanity. Key concepts of Earth processes and how they relate to geologic hazards, mineral and energy resources, and sustainability. Human dependence on geologic

				resources is examined and related to issues confronting society.
Missouri University of Science & Technology	Physical and Environmental Geology	GEOLOGY 1110	3	Materials, structure, and surface features of the Earth and planets are studied in the context of the processes that continuously transform the Earth and affect management of Earth resources, hazards, engineering problems, and environmental challenges.
Missouri Western State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Northwest Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	Physical Geology	GO 110	3	Comprehensive introduction to geology; earth materials, internal and external processes, time, resources and environmental hazards. Two lectures, one lab per week
Truman State University	Physical Geology	NASC 140	3	This course includes laboratory investigations. A study of the materials comprising the crust of the earth and of the various processes which have shaped the surface of the earth.
University of Central Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-Columbia	Planet Earth	GEOL 1050	3	An introduction to Earth Science. Topics include: evidence for continental drift and plate tectonics, causes and prediction of natural hazards, the scale of geological time.
University of Missouri-Columbia	Physical Geology for Scientists and Engineers	GEOL 1150	3	Introduction to physical geology and basic earth processes with a focus on applications and societal relevance. In addition to basic geologic processes, introductory mechanics and hydraulics will illustrate the interactions between geology and engineering.
University of Missouri-Kansas City	General Geology	GEOLOGY 220	3	Geology is the study of Earth, the materials that make up the Earth, and the forces and processes that build and shape the continents, oceans, and life on Earth. The goal of this course is for students to gain an understanding of the fundamental concepts and scientific principles that underlie the physical, chemical, and biological processes that shape our Earth and to learn to think critically about scientific information and how geologic processes affect us every day.
University of Missouri-St. Louis	General Geology Lecture	GEOL 1001A	3	Earth materials and processes, including geological aspects of the resource/energy problem.
Crowder College	Introduction to Geology	GEOL 115	3	This class introduces students to the basic concepts of Geology. Students will use these concepts to gain an understanding of: (1) the Earth's dynamic processes of formation and change, (2) how those changes are reflected and identified as its geologic history, and (3) environmental challenges on the planet.
East Central College	Introduction to	GEO 101	3	An introductory course in physical geology that covers the historical aspects of

	Physical Geology Lecture			the geological sciences, plate tectonics as a unifying theory of geology, igneous and metamorphic processes, structural geology and geomorphology; weathering and sedimentary processes. Field trip required.
Jefferson College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Metropolitan Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Mineral Area College	Earth Science I	PHS 2430	3	An introduction to the earth sciences emphasizing structure, materials, history of the earth, and the processes that occur in shaping the earth and oceanography.
Missouri State University-West Plains	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
North Central Missouri College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Ozarks Technical Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
St. Charles Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
St. Louis Community College	Environmental Geology	GEO 103	3	This introductory geoscience course focuses on natural hazards and the human consequences associated with geologic processes. Topics include the study of plate tectonics, earthquakes, volcanoes, floods, tornadoes, storms, wildfires, climate change and global warming. Emphasis is placed on how those hazards affect humans and how human activity affects Earth's environment.
State Fair Community College	Environmental Geology	EASC 118	3	**Focuses on natural hazards and the human consequences associated with geologic processes. Topics include the study of plate tectonics, earthquakes, volcanoes, floods, tornadoes, storms, wildfires, pollution, climate change, and global warming. Emphasis is placed on how those hazards affect humans and how human activity affects Earth's environment.**
State Technical College of Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Three Rivers College	Environmental Geology	PHYS 150	3	This course provides an introduction to the relationship between geology, life , and society. The course explores the fundamental concepts of environmental geology, which includes Earth's systems, hazardous Earth processes, scientific knowledge and values, human population growth, and sustainability. Lecture 3 hours per week.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**GEOLOGY WITH LAB**
MOTR COURSE NUMBER	**MOTR GEOL 100L**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**4**
MOTR COURSE DESCRIPTION	An introductory lecture and laboratory course in physical geology that studies the materials, structure, and surface features of the Earth and the processes which have shaped it.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Lincoln University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri Southern State University	Intro. To Geology/Lab	GEOL 0120	4	Materials of the earth, structures and geologic features of the surface in relation to the processes and forces producing them. Laboratory study of minerals and rocks and topographic and geologic maps. Additional one-day field trips may be required. Three lectures, two two-hr. labs per week.
Missouri State University	Principles of Geology	GLG 110	4	How Earth works. The building blocks of Earth: minerals and rocks. Earth's dynamic interior: plate tectonics, earthquakes, volcanism, and mountain building. Surface processes associated with streams, ground water, glaciers, wind, and shorelines. Laboratory instruction in identification of common minerals and rocks, the use of topographic maps, and landform identification from topographic maps. Optional weekend field trips. Supplemental course fee.
Missouri University of Science & Technology	Intro. Physical Geology	GEOLOGY 1111	4	A study of Earth materials, surface features, internal structures and processes. Particular attention is paid to Earth resources, geological hazards, engineering and environmental problems.
Missouri Western State University	Physical Geology	ESC111	4	Survey of geologic materials and processes, including quantitative and qualitative methods for studying geology.

Northwest Missouri State University	General Geology	GEOL 27119/ 27111	4	A study of Earth as a dynamic planet, with a focus on internal and external processes. Common themes include: earth materials, earthquakes, volcanism, mountain building, streams, groundwater, and surficial processes. When possible, these processes are placed in the context of human uses and other impacts. Three one hour lectures per week. GEOL 27111: 'Hands-on' laboratory instruction in identification of common minerals and rocks, the uses of topographic maps, surface and subsurface processes, and water and related resources. Laboratory methods may include physical identification, pen and paper analyses, and computer-based data analyses.
Southeast Missouri State University	Earth Science: Environmental Hazards	GO 150/050	4	GO 150: An examination of Earth's systems, how they work, and how they relate to people, with emphasis on natural and man-made hazards to society. Two lectures, one lab per week. GO 050: An examination of Earth's systems, how they work, and how they relate to people, with emphasis on natural and man-made hazards to society. Two lectures, one lab per week.
Truman State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
University of Central Missouri	Introduction to Geology	EASC 1004	4	Fundamental principles of geology. Minerals, rocks, plate tectonics, volcanoes, earthquakes, fossils & evolution of life on Earth, landscape formation by streams, glaciers, and underground water. Laboratory included. An additional fee is associated with this course
University of Missouri-Columbia	Prin. Of Geo w/Lab	GEOL 1100	4	Earth processes and products and their impact on human needs and the environment. One field trip.
University of Missouri-Columbia	Environmental Geology w/Lab	GEOL 1200	4	The interaction between geologic processes and human society. Topics include mineral, water, and energy resources, volcanic hazards, earthquakes, landslides, floods, coastal erosion, pollution problems and environmental management.
University of Missouri-Kansas City	Field Methods in Earth and Environmental Science	GEOLOGY 250L	4	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Missouri-St. Louis	General Geology + Lab	GEOL 1001/1001L	4	Earth materials and processes, including geological aspects of the resource/energy problem. Laboratory involves identification of common rocks and minerals. + This geology laboratory involves identification of common rocks and minerals.
University of Missouri-St. Louis	Historical Geology	GEOL 1002	4	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Crowder College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
East Central College	Intro. To Physical Geology Lab	GEO 101/102	4	GEO 101: An introductory course in physical geology that covers the historical aspects of the geological sciences, plate tectonics as a unifying theory of geology, igneous and metamorphic processes, structural geology and geomorphology; weathering and sedimentary processes. Field trip required. GEO

				102: A hands-on introductory course in physical geology with laboratory exercises and problem sets which includes: rock and mineral identification, topographic map analysis, structural geology analysis and interpretation, geologic map, and cross section interpretation, and geologic dating techniques. Field trip required.
Jefferson College	Physical Geology	PHY 105	4	Physical Geology is a general education course which is designed to acquaint students with the geologic processes that affect the surface and interior of the earth. Laboratory time is required. Prerequisite: Reading proficiency
Metropolitan Community College	Physical Geology	GEOL 101	4	Study of plate tectonics, rocks, minerals, volcanoes, earthquakes, resources, geologic time, and the processes that affect the surface and the interior of the earth. Laboratory analysis of rocks and minerals. Interpretation of topographic and geologic maps as investigative tools. Optional field trips.
Metropolitan Community College	Historical Geology	GEOL 102	4	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Metropolitan Community College	Environmental Geology	GEOL 103	4	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Mineral Area College	Earth Science with Lab	PHS 2400	4	An introduction to the earth sciences emphasizing the structure, materials, and history of the Earth, its place in the solar system, and the processes that occur in shaping the Earth.
Mineral Area College	Physical Geology	PHS 2410	4	An introductory course in geology emphasizing Earth's crust, structures and surficial processes. Includes a laboratory study of common minerals and rocks, topographic and geologic maps. Three lectures and two two-hour laboratories per week. When field trips are scheduled, the laboratory time may be extended to three hours total.
Missouri State University-West Plains	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Moberly Area Community College	Geology	PHY 163	4	Geology is a survey course focusing on the study of Earth's materials, forms, and processes. Topics covered include rock and mineral classification, Earth's dynamic interior and physical processes operating to shape Earth's land forms. Designed for the non-science major, this course includes a laboratory component and may include field trips.
North Central Missouri College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Ozarks Technical Community College	Introduction to Geology	PHY 110	4	This course is an introduction to basic geology. Students learn about the principles and applications of mineralogy, petrology, structural geology, geomorphology and historical geology. Laboratory skills necessary for the study of geology are introduced.
St. Charles Community College	Introduction to Physical Geology and	PHY 125/127	4	Introduces a basic understanding of topics in physical geology including the unifying theory of plate tectonics, discussions of Earth materials (rocks and

	Laboratory			minerals), internal processes (volcanism, earthquakes), surface processes (surface and ground water, weathering, erosion), and geologic time. Campus outings will be incorporated to emphasize Missouri geology.
St. Charles Community College	Environmental Geology and Laboratory	PHY 105/107	4	Examination of geologic processes and hazards that influence human activities and the geologic aspects of pollution and waste-disposal. Exercises focus on environmental and social issues relevant to environmental problems and the effects of human interaction in geologic processes.
St. Louis Community College	Physical Geology	GEO 111	4	This course introduces earth processes and products, including the origin of rocks, volcanos, landforms, mountain belts, earthquakes, and the structure of Earth within the framework of plate tectonics.
State Fair Community College	Physical Geology w/Lab	EASC 106	4	Provides an understanding of the forces that were active in the formation of the Earth, the processes whereby the surface of the Earth is sculptured, the identity of Earth materials, and the location and value of the Earth's resources. Topics include history of geology, plate tectonics, matter and minerals, rocks, volcanoes, weathering and soil, geologic time, earthquakes, plate boundaries, water and energy. Rock and mineral identification is a large part of the lab section of this course. Labs include identification of rocks and minerals, plate tectonics and geologic time. (4 lecture, 1 lab)
State Fair Community College	Introduction to Earth Sciences with Lab	EASC 101	4	Introduction to earth science that concentrates on understanding the earth's dynamic environments through the scientific study of processes and physical and human interactions related to geology, meteorology and astronomy. Lab topics include introduction to minerals and rocks, plate tectonics, geologic time, maps, earthquakes, weather, and basic astronomy.
State Technical College of Missouri	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Three Rivers College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.

MOTR COURSE NAME	**ESSENTIALS IN HUMAN BIOLOGY (NON-SCIENCE MAJORS)**
MOTR COURSE NUMBER	**MOTR LIFS 001**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Lecture course for non-science majors in the area of Human Biology for those students that will not take another Life Sciences course. This course emphasizes the basic biological concepts related to human life. Major concepts can include the chemical basis of life, cell biology, genetics, nutrition, and basic anatomy and physiology

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Lincoln University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri Southern State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University	Concepts and Issues in the Life Sciences	BMS 100	3	A lecture course designed to help non-science majors understand the biological basis of human life by introducing the major concepts and principles of human biology. Topics include cell biology, the chemical basis of life, genetics, and basic anatomy and physiology. Current ethical issues and human disease are emphasized through discussion.
Missouri State University	Essentials of Nutrition	BMS 130	3	Non-health science major course discussing basic concepts of human nutrition which includes carbohydrates, lipids, proteins, vitamins, minerals, absorption, digestion, and energy utilization as they relate to health and food consumption at different stages of the life cycle. Emphasis is placed on early childhood.
Missouri University of Science & Technology	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Northwest Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	Human Biology	BS 103	3	Emphasis on human cell, tissue, and organ system function. Discussions focus on a systems approach to human health and disease.
Southeast Missouri State University	Nutrition for Health	FN 235	3	This course examines, analyzes, and evaluates the relationships between the science of nutrition, health, and well-being.

Truman State University	No equivalent course		3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Central Missouri	Human Biology	BIOL 2010	3	An overview of human biology, emphasizing physiology, development, health, interpersonal and environmental interactions.
University of Missouri-Columbia	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-Kansas City	Human Genetics	BIOLOGY 122	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Missouri-Kansas City	Human Nutrition	CHEM 206	3	Introduction to nutrition for health and wellness and the use of chemical energy in the breakdown and synthesis of biomolecules. Nutrition as it applies to a variety of life situations from infancy to older adults. Learning encompasses elements of anatomy and physiology related to nutrition and health.
University of Missouri-Kansas City	Human Physiology	LS-PHYS 117	3	Introduction to body functions presented from an organ systems approach. Three hours lecture per week.
University of Missouri-St. Louis	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Crowder College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
East Central College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Jefferson College	Anatomy & Physiology for Pre-Hospital Healthcare	BIO 116	3	Anatomy and Physiology for Pre-Hospital Healthcare emphasizes basic human bodily function and associated structures. The relationship between structure and function is examined as well as the concept of homeostasis.
Metropolitan Community College	Human Nutrition	BIOL 132	3	Function of nutrients. Factors affecting the utilization of nutrients. Food pyramids and dietary allowances. Dietary calculation and evaluation. Special needs during the life cycle. Current issues in nutrition.
Mineral Area College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University-West Plains	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Moberly Area Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
North Central Missouri College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

Ozarks Technical Community College	Nutrition for Living	BIO 135	3	This course is a survey of human nutrition. Students will study the different nutrients found in foods, food grouping systems, the human digestive system, body weight maintenance, immunity and disease prevention, nutrition throughout the lifespan and food processing technology.
Ozarks Technical Community College	Allied Health Nutrition	BCS 132	3	This course is a survey of human nutrition for Pre-Allied Health majors. Students will study the different nutrients found in food, food grouping systems, the human digestive system, body weight maintenances, immunity and disease prevention, nutrition through lifespan, and food processing technology. Students will also study the different dietary requirements for disease treatment.
St. Charles Community College	Human Biology	BIO 110	3	Survey of human body structure and function for non-science major. Study of all organ systems of the body along with current topics in human biology.
St. Charles Community College	Human Sex and Reproduction	BIO 130	3	Human reproduction from biological point of view. Topics include human inheritance (from chromosomes to biotechnology), human reproduction (male and female anatomy and physiology), fetal development and birth, sexually transmitted diseases (emphasis on AIDS epidemic), and evolution of sexual reproduction.
St. Louis Community College	Human Biology	BIO 109	3	This course is an introduction to basic human structure, function and the human body's interaction with its surroundings, including cell theory, genetics, systems biology, ecology and evolution. T
State Fair Community College	Human Biology	BIO 103	3	Introduction to the structure and function of human body systems and human influence on the biosphere. Topics include biochemistry; body organization; homeostasis; structural maintenance of cells; tissues and organ systems of the human body; evolution; ecology; and human influence on the biosphere.
State Technical College of Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Three Rivers College	Human Biology	BIOL 110	3	This course emphasizes cell, tissue, and organ system function. Discussions focus on a system approach to human health and disease throughout the world. Students explore how biological processes, interacting with psychological and social factors, contribute to human health and disease. Prerequisite(s): ENGL 02 and READ 02 or Writing and Reading placement of ENGL 111

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**ESSENTIALS IN HUMAN BIOLOGY WITH LAB (NON-SCIENCE MAJORS)**
MOTR COURSE NUMBER	**MOTR LIFS 001L**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**4**
MOTR COURSE DESCRIPTION	Lecture and Laboratory course for non-science majors in the area of Human Biology for those students that will not take another Life Sciences course. This course emphasizes the basic biological concepts related to human life. Major concepts can include the chemical basis of life, cell biology, genetics, nutrition, and basic anatomy and physiology.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Lincoln University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri Southern State University	Essential Anatomy and Physiology w/Lab	BIO 0190	4	Essential Anatomy and Physiology introduces fundamental biological and scientific principles by studying the structures, actions, and processes of the human body. Emphasis will be on the structure and function of organs and organ systems of the human body. This provides knowledge to better interpret and evaluate biological information encountered in health and human activity.
Missouri State University	Concepts and Issues in the Life Sciences with Lab	BMS 100/101	4	A lecture and laboratory course designed to help non-science majors understand the biological basis of human life by introducing the major concepts of human biology. This laboratory course will emphasize scientific observation and investigation in topics including cell biology, the chemical basis of life, genetics, and basic anatomy and physiology.
Missouri University of Science & Technology	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri Western State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.

Northwest Missouri State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	Anatomy and Physiology I with Lab	BS 113/013	4	First in a two-semester sequence. Introduction to the aspects of anatomy and physiology related to the care of the human body. Particular attention given to cells, tissues, integumentary system, nervous system, circulatory system, skeletal system, and muscular system.
Truman State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
University of Central Missouri	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
University of Missouri-Columbia	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
University of Missouri-Kansas City	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
University of Missouri-St. Louis	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Crowder College	Human Anatomy & Physiology I	BIOL 152	4	Human Anatomy and Physiology I is the first course in a two-course sequence, covering the unifying principles of biochemistry, cell structure and function, genetics, development, and metabolism, as well as the structure and function of various organ systems of the human body. A practical laboratory component emphasizes inter-relationships between systems and how the entire body functions as a unit. This course is required for students entering health-related professions but is not recommended for science majors.
East Central College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Jefferson College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Metropolitan Community College	Human Anatomy w/Lab	BIOL 110	4	Structure and function in the human body.
Mineral Area College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri State University-West Plains	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Moberly Area Community College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.

North Central Missouri College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Ozarks Technical Community College	Intro to Bioclinical Science with Lab	BCS 102	4	This course is designed to give students with a limited science background an introduction to the Biological Clinical Sciences. This course will review basic concepts in science study skills, biology, chemistry and anatomy and physiology. An introduction of lab techniques will be given.
Ozarks Technical Community College	Principle of Bioclinical Science with Lab	BCS 110	4	This is an introductory biology course with examples in human biology and biotechnology. This course prepares students for further study in the bioclinical sciences and is designed for students planning to take further course work in BCS, such as an A.S. in BCS degree seekers or Allied Health programs. The laboratory prepares students for further study in the Allied Health Biology areas.
Ozarks Technical Community College	Survey of Anatomy & Physiology with Lab	BCS 115	4	This course is a survey of the structures and functions of the human body. Students will study both the anatomy and physiology of the human body.
St. Charles Community College	Human Biology with Lab	BIO 110/113	4	Survey of human body structure and function for non-science major. Study of all organ systems of the body along with current topics in human biology. Use of models, specimens, and investigative activities intended to enhance study of human organism.
St. Louis Community College	Human Heredity	BIO 106	4	This course will introduce students to basic concepts in human heredity. Areas of emphasis will include patterns of inheritance, population genetics, the genetics of immunity and cancer, genetic engineering, gene therapy, and reproductive technologies. Additional lab hours required.
State Fair Community College	Human Anatomy with Lab	BIO 207	4	Study of gross and microscopic anatomy of the human organs, tissues and systems.
State Technical College of Missouri	Human Anatomy and Physiology with Lab	ASC 104	4	This course covers orientation to the human body; basic chemistry with respect to human body functions; overview of human cell anatomy and function; body tissues; and the integumentary, skeletal, muscular, and nervous systems. This course explores the relationship between these systems.
Three Rivers College	Anatomy and Physiology I w/Lab	BIOL 231	4	This course is a study of the relationship between the structure and function of the human body encompassing the cell, tissues, integumentary system, skeletal system, muscular system, and nervous system.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**HUMAN BIOLOGY**
MOTR COURSE NUMBER	**MOTR LIFS 100**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Lecture course for majors that will take further courses in the Life Sciences. The course contains basic concepts related to human biology including homeostatic mechanisms of the chemicals, cellular reproduction, genetics, anatomy and physiology of the human.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Lincoln University	Human Anatomy and Physiology	BIO 208	3	An integrated study of morphological and functional aspects of the human body. Three one-hour lectures.
Missouri Southern State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University	Introduction to the Biomedical Sciences	BMS 110	3	An introduction to concepts and techniques related to human anatomy, physiology, genetics, cellular and molecular biology. Recommended for students in pre-professional programs and Allied Health careers.
Missouri University of Science & Technology	Introduction to Human Anatomy and Physiology I	BIO SCI 1943	3	First semester of a two-semester sequence dealing with the structure and function of human organ systems. Includes the study of cells, tissues, and the integumentary, skeletal, muscular and nervous systems.
Missouri Western State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Northwest Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural

				Sciences Knowledge Area.
Truman State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Central Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-Columbia	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-Kansas City	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-St. Louis	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Crowder College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
East Central College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Jefferson College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Metropolitan Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Mineral Area College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University-West Plains	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Moberly Area Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
North Central Missouri College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Ozarks Technical Community College	Pathophysiology	BSC 210	3	This survey course studies the changes in normal anatomy and physiology of the human body. Disease processes are studied and the disruption of homeostasis is emphasized. Also included is the correlation between the pathology of the disease process and clinical signs and symptoms of the disease.
St. Charles Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
St. Louis Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

State Fair Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
State Technical College of Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Three Rivers College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**HUMAN BIOLOGY WITH LAB**
MOTR COURSE NUMBER	**MOTR LIFS 100L**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**4**
MOTR COURSE DESCRIPTION	Lecture and laboratory course for majors that will take further courses in the Life Sciences. The course contains basic concepts related to human biology including homeostatic mechanisms of the chemicals, cellular reproduction, genetics, anatomy and physiology of the human.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Lincoln University	Human Anatomy & Physiology w/Lab	BIO 208/209L	4	An integrated study of morphological and functional aspects of the human body. Laboratory observations that are designed to supplement lecture material presented in BIO 208.
Missouri Southern State University	Human Anatomy & Physiology I	BIO 0121	4	The first in a two-course sequence in which human anatomy and physiology are studied using a body system approach. Includes the concept of scientific inquiry and the fundamental concepts of cell biology, cell metabolism and genetics. Three lectures and one, two-hour lab per week.
Missouri State University	Introduction to the	BMS 110/111	4	An introduction to concepts and techniques related to human anatomy,

	Biomedical Sciences			physiology, genetics, cellular and molecular biology. Recommended for students in pre-professional programs and Allied Health careers. This course is designed for students who require intensive introductory laboratory experience in human biology and biomedical sciences techniques to prepare for future laboratory work in the biomedical sciences.
Missouri University of Science & Technology	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri Western State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Northwest Missouri State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	Anatomy and Physiology	BS 114/014	4	A comprehensive anatomy and physiology course emphasizing the digestive, skeletal, muscular, circulatory, nervous, respiratory, urinary, endocrine and reproductive systems.
Truman State University	Human Physiology	BIOL 325	4	Introductory principles and concepts of human body function for health and exercise science, psychology, and nursing majors. Emphasis on practical and applied examples of human health, exercise, and physical performance.
University of Central Missouri	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
University of Missouri-Columbia	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
University of Missouri-Kansas City	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
University of Missouri-St. Louis	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Crowder College	Human Anatomy & Physiology II	BIOL 252	4	Human Anatomy and Physiology II is the second course in a two-course sequence, covering the structure and function of various organs systems of the human body not covered in the Human Anatomy and Physiology I. These include the nervous, cardiovascular, lymphatic, respiratory, endocrine, digestive, urinary, and reproductive systems. A practical laboratory component emphasizes inter-relationships between systems and how the entire body functions as a unit. This course is required for students entering health-related professions but is not recommended for science majors.
East Central College	Human Anatomy & Physiology I	BIO 206	4	This course is part of a two-semester sequence of courses where gross micro- and macro- scopic anatomy and the function of the respective structures are studied. Major topics covered include biological chemistry, cell biology, histology, integumentary system, skeletal system, muscular system, and nervous system.

				Laboratory work includes dissection, microscopy, models, and experimental demonstration of concepts covered in class. Dissection of preserved animal specimens is required. This course is primarily for students majoring in allied health fields.
Jefferson College	Human Anatomy & Physiology	BIO 120	4	Human Anatomy and Physiology is the study of basic structure and function of the human body and covers fundamental concepts of all organ systems. Interactions of organ systems to maintain homeostasis are explored.
Jefferson College	Human Anatomy & Physiology I	BIO 211	4	Anatomy and Physiology I examines the structure and function of cells, tissues, organs, and organ systems. Although all organ systems are introduced, special emphasis is given to the integumentary, skeletal, muscular, nervous, and endocrine systems
Metropolitan Community College	Human Physiology	BIOL 210	4	Functions of the human body as revealed by cells, tissues, organs, and systems in terms of underlying physicochemical processes. Prerequisite: BIOL 110 and either BIOL 100 or CHEM 105.
Mineral Area College	Human Anatomy & Physiology	BIO 2540	4	Designed to provide the student with an understanding of the structure and function of the human body. Includes macroscopic and microscopic study of tissues, basic chemistry of life processes and skeletal, muscular, neural and cardiovascular systems. Recommended for science and physical education majors as well as some non-nursing hospital-based courses such as radiology. Not recommended for students applying to the nursing program. BIO2600 Human Anatomy and the BIO2620 Human Physiology, for a total of 10 hours, are required for the nursing program.
Missouri State University-West Plains	Introduction to the Biomedical Sciences	BMS 110	4	An Introduction to concepts and techniques related to human anatomy, physiology, genetics, cellular and molecular biology. Recommended for students in majors within the College of health and Human Services on the MSU Springfield campus and those students interested in preprofessional programs and Allied Health careers.
Moberly Area Community College	Human Anatomy	BIO 205	4	Human Anatomy is a general study of the structure and function of the human body and considers all major organ systems. Significant laboratory work is required to identify various systems of the human body by flag-spotting. Dissection is included in this course.
North Central Missouri College	Human Anatomy & Physiology	BI 238	4	This course is a study of the structure and function, including homeostatic mechanism of the chemicals, cells, tissues, and organs of the human integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. Does not satisfy the life science general education requirement. Lecture and Laboratory.
North Central Missouri College	Human Physiology	BI 242	4	This course is a study of the function including homeostatic mechanisms of the chemicals, cells, and tissues of the human integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. Lecture and laboratory.

Ozarks Technical Community College	Anatomy & Physiology	BCS 146	4	This is the second course in the two-semester sequence to follow BCS 145. This course will provide further study of the structure and function of the human body. Topics will include the following body systems: nervous, endocrine, cardiovascular, respiratory, urinary, immune and digestive. Laboratory activities will give students the ability to see and synthesize materials presented in lecture. A cat cadaver will be dissected.
Ozarks Technical Community College	Human Anatomy	BCS 165	4	Microscopic and macroscopic examination of the human body structures and systems are the focus of this course. Students evaluate the integration of the various systems within the entire body. The laboratory provides an opportunity for identification and evaluation of representative human models and slides and dissection of comparable mammalian organ systems.
St. Charles Community College	Anatomy and Physiology I with Laboratory	BIO 250A/250B	4	Structure and function of human body, with particular attention to cell biology, skeletal system, muscular system, nervous system and endocrine system. BIO 250B: Activities to enhance study of topics covered in the lecture section (BIO 250A). Use of models, charts, and both microscopic and gross specimens to illustrate various systems.
St. Louis Community College	Anatomy and Physiology I	BIO 207	4	A study of the organization of cells into tissues, organs, and organ systems, with special in-depth study of the integumentary, skeletal, muscular, nervous and endocrine system, and the sensory receptors. Additional lab hours required.
State Fair Community College	Human Physiology with Lab	BIO 208	4	Prerequisites: BIO 111 with grade of "C" or better; or one year of high school biology and chemistry (with labs) within previous five years of registration date; or permission of the department chairperson of Biology and Reading Proficiency.
State Technical College of Missouri	Human Anatomy & Physiology II	ASC 106	4	This course builds on topics taught in the first semester and provides a comprehensive look at the regulation and integration of the human body with emphasis on the endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive systems. This course also explores the relationship between these systems.
Three Rivers College	Human Anatomy & Physiology II	BIOL 232	4	A study of the relationship between the structure and function of the human body. Systems studied include the circulatory, respiratory, reproductive, renal, digestive, immune/lymphatic, and endocrine.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**ESSENTIALS IN PHYSICS (NON-SCIENCE MAJORS)**
MOTR COURSE NUMBER	**MOTR PHYS 001**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Lecture course for non-science majors that will not take another physics course but would like a survey of the concepts in the discipline. Content emphasizes fundamental concepts and symbolism of physics with applications to everyday life. Topics include mechanics, heat, light, sound, electricity, magnetism, and some modern developments.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Lincoln University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri Southern State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri University of Science & Technology	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri Western State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Northwest Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

Truman State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Central Missouri	Introduction to the Sciences: Physics	PHYS 1103	3	An introduction to physics. Topics include mechanics, energy, heat, sound, electricity, magnetism, light, atomic and nuclear physics, relativity, and astrophysics. Laboratory not included.
University of Missouri-Columbia	Concepts in Physics	PHYSCS 1150	3	Introduction to fundamental concepts for physics for non-science majors. Concepts include the conservation of energy, the second law of thermodynamics, and the special theory of relativity. Students learn to reason and apply these concepts through writing assignments.
University of Missouri-Columbia	Energy and Energy Technology	PHYSCS 1500H	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Missouri-Kansas City	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-St. Louis	How Things Work	Physics 1001	3	Can baseball players hit home runs more easily when the weather is hot and humid? This course provides a practical introduction to understanding common life experiences by using physical intuition and basic ideas of physics. Powerful scientific principles are demonstrated through topics ranging from airplane wings to compact disk players, from lightning strikes to lasers.
Crowder College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
East Central College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Jefferson College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Metropolitan Community College	Introductory Physics	PHYS101	3	A survey of physics with emphasis on mechanics, heat, light, sound, electricity, magnetism and atomic physics. Emphasis on the concepts of physics.
Mineral Area College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University-West Plains	Survey of Physics	PHY 102	3	Description of nature as seen by physicists; effects that new scientific discoveries will have on society.
Moberly Area Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
North Central Missouri College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

Ozarks Technical Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
St. Charles Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
St. Louis Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
State Fair Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
State Technical College of Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Three Rivers College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

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Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**ESSENTIALS IN PHYSICS WITH LAB (NON-SCIENCE MAJORS)**
MOTR COURSE NUMBER	**MOTR PHYS 001L**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**4**
MOTR COURSE DESCRIPTION	Lecture and laboratory course for non-science majors that will not take another physics course but would like a survey of the concepts in the discipline. The laboratory portion reinforces topics discussed in lecture by utilizing hands-on experimentation. Content emphasizes fundamental concepts and symbolism of physics with applications to everyday life. Topics include mechanics, heat, light, sound, electricity, magnetism and some modern developments.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.

Lincoln University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri Southern State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri State University	Survey of Physics with Laboratory	PHY 100	4	Description of nature as seen by physicists; effects this description and new scientific discoveries will have on society. Laboratories consist of discussions of current relations between science and society, demonstrations of precise experimental apparatus, some actual involvement with the experimental method.
Missouri State University	Physics by Inquiry for Educators	PHY 101	4	Laboratory experiences model inquiry teaching methods appropriate for use in early childhood, elementary and middle school science lessons. Science content includes mechanics, optics, heat, electricity and magnetism, properties of materials. Students will increase their understanding of the nature of science.
Missouri University of Science & Technology	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri Western State University	Physics for the Liberal Arts	PHY 101	4	A comprehensive, descriptive study of the scientific principles of the physical world, including the history of science, motion, energy, cosmology, geophysics, etc. Designed to provide students without significant previous coursework in the physical sciences with a solid introduction to the terminology and concepts required for further study. Three hours lecture, two hours lab.
Northwest Missouri State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Truman State University	Concepts in Physics	PHY 100	4	This course presents an overview of our understanding of the physical world, covering some of the main concepts, theories, and experimental techniques of physics. While the course focuses primarily on the conceptual understanding of physics, it also explores some of its historical, technological, and philosophical aspects, and its place in the history of ideas. The range of possible topics includes Newton's laws of motion, gravity, heat, sound, electricity, magnetism, light, relativity, quantum theory, elementary particles and nuclear physics. Basic algebra skills are expected of the students. The course has a laboratory component that emphasizes quantitative measurements.
University of Central Missouri	Introduction to the Sciences: Physics	PHYS 1104	4	An introduction to physics. Topics include mechanics, energy, heat, sound, electricity, magnetism, light, atomic and nuclear physics, relativity, and astrophysics. Laboratory included.
University of Missouri-Columbia	How Things Work	PHYSICS 140/140L PHY-SCI 140/140L	4	A course intended for liberal arts students focusing on the principles of operations, histories, and relationships of objects from our daily environment. The areas of investigation include mechanical and thermal objects, electromagnetism, light, special materials and nuclear energy.

		NAT-SCI 140/140L		
University of Missouri-Kansas City	How Things Work(with lab)	Physics 140/140L	4	A course intended for liberal arts students focusing on the principles of operations, histories, and relationships of objects from our daily environment. The areas of investigation include mechanical and thermal objects, electromagnetism, light, special materials and nuclear energy.
University of Missouri-St. Louis	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Crowder College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
East Central College	Introduction to Physics	PHY 105	4	This course is a survey of physics for students in technical majors. Students will learn about mechanics, linear and rotational kinematics, momentum, work and energy, simple machines, properties of materials, fluid mechanics, gas laws, electricity, thermodynamics and heat transfer. This is a non-calculus course with a lecture and laboratory component.
Jefferson College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Metropolitan Community College	Introductory Physics	PHYS 101L	4	A survey of physics with emphasis on mechanics, heat, light, sound, electricity, magnetism, and atomic physics. Emphasis on the concepts of physics.
Mineral Area College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri State University-West Plains	Survey of Physics with Laboratory	PHY 100	4	Description of nature as seen by physicists; effects this description and new scientific discoveries will have on society. Laboratories consist of discussions of current relations between science and society, demonstrations of precise experimental apparatus, some actual involvement with the experimental method. Students may not receive credit for both PHY 100 and PHY 102.
Missouri State University-West Plains	Physics by Inquiry for Educators	PHY 101	4	Completion Program or planning to receive the Child Development degrees. Will fulfill natural science component of the AA in General Studies. Science content includes mechanics, optics, heat, This course will not count toward any AAS degree. electricity and magnetism. Students will increase their understanding of the nature of science.
Moberly Area Community College	Foundations of Physics	PHY 125	4	An introductory course which presents the fundamental concepts and symbolism of physics with applications to everyday life. The course emphasizes mechanics, heat, light, sound, electricity, magnetism, and some modern developments. Course includes a laboratory component and is intended for non-science majors.
North Central Missouri College	Introduction to Physics	PS 108	4	A course in physics surveying the fundamental concepts of mechanics, waves, electricity, magnetism and optics.
Ozarks Technical Community College	Survey of the Physical	PHY 101	4	This physical science survey course is designed for elementary education majors.

	Sciences			This course does not satisfy the General Education physical science requirement for an A.A. degree. This course provides the tools and experiences necessary for the elementary education teacher to be better equipped to develop and teach science curricula that supports both state and national science standards. Students work with the scientific method and its applications in the physical sciences: earth science, astronomy, chemistry, meteorology and physics.
St. Charles Community College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
St. Louis Community College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
State Fair Community College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
State Technical College of Missouri	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Three Rivers College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**ESSENTIALS IN PHYSICAL SCIENCE (NON-SCIENCE MAJORS)**
MOTR COURSE NUMBER	**MOTR PHYS 010**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Lecture course for non-science majors that will not take another physical science course but would like a survey of the concepts in the discipline. Content emphasizes classical physics, energy, matter and heat, wave behavior, electricity and magnetism, modern physics (the atom and nucleus), geology, and astronomy.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION

Harris-Stowe State University	Physical Sciences Survey	PHSC 0151	3	A qualitative and quantitative introduction to the physical-science areas of astronomy, earth study and meteorology with the main thrusts being directed toward astronomy and earth study. It emphasizes the conceptual aspects of these subjects while making a minimum but essential use of mathematics. Instructional activities consist of lectures, class discussions, demonstrations and possible use of audio- visual materials.
Lincoln University	Earth Science	PHY 103	3	Fundamental physical principles with specific applications to meteorology, astronomy, geology, and oceanography. Students needing a physical science lab course should enroll concurrently in PHY 104L. Three one-hour lectures.
Missouri Southern State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri University of Science & Technology	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri Western State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Northwest Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Truman State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Central Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-Columbia	Introductory Meteorology	GEOG 1050	3	Physical processes of atmosphere in relation to day-to-day changes in weather.
University of Missouri-Columbia	Climate Change: Science and Public Policy	GEOG 1600	3	This course will explore the role of physical science, environmental politics and public policy in shaping contemporary debate concerning climate change, mitigation, and adaptation strategies. We will examine the scientific rationale and statistical basis underwriting the concept of climate change, why aspects of the science remain controversial, the prospects of institutional action and the difficulties inherent in developing public policies targeting mitigation and adaptation. Course includes a role-laying simulation where students will play roles based on 2009 climate negations in Copenhagen, Denmark.
University of Missouri-Kansas City	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-St. Louis	Oceanography	GEOL 1053	3	The atmospheric and ocean circulations; the chemistry and geology of the deep

				sea; and their effects on the distribution of marine organisms.
Crowder College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
East Central College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Jefferson College	Topics in the Physical Sciences	PHY 102	3	Topics in the Physical Sciences is a lecture-discussion course which focuses on application of scientific principles to current human concerns and interests.
Metropolitan Community College	Foundations of Physical Science	PHYS 104	3	Fundamental principles and concepts of classical and modern physics, astronomy, chemistry and earth science, and their relationships
Mineral Area College	Earth Science II	PHS 2420	3	An introduction to earth sciences emphasizing the atmospheric and astronomical (space) sciences.
Missouri State University-West Plains	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Moberly Area Community College	Earth Science	PHY 160	3	This introductory geoscience course emphasizes basic principles of astronomy, geology, oceanography and meteorology. Topics covered include the origin of the Universe, solar system and Earth, minerals and rocks, plate tectonics geologic time, prehistoric life and evolution, ocean structure and life, weather and climate change. This course does not include a laboratory component.
North Central Missouri College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Ozarks Technical Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
St. Charles Community College	Introduction to Physical Science	PHY 111	3	Introduces the basics in a variety of scientific disciplines including classical (Newtonian) physics, energy, matter and heat, wave behavior, electricity and magnetism, modern physics (the atom and nucleus), geology, and astronomy. Basic high school math/algebra is utilized in portions of this course.
St. Louis Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
State Fair Community College	Introduction to Physical Science	PHYS 103	3	Introduction to physical science that includes the basic concepts of chemistry, physics and astronomy.
State Technical College of Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Three Rivers College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**ESSENTIALS IN PHYSICAL SCIENCES WITH LAB (NON-SCIENCE MAJORS)**
MOTR COURSE NUMBER	**MOTR PHYS 010L**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**4**
MOTR COURSE DESCRIPTION	Lecture and laboratory course for non-science majors that will not take another physical science course but would like a survey of the concepts in the discipline. The laboratory portion reinforces topics discussed in lecture by utilizing hands-on experimentation. Content emphasizes classical physics, energy, matter and heat, wave behavior, electricity and magnetism, modern physics (the atom and nucleus), geology, and astronomy.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Physical Science Survey	PHSC 0151/0152	4	A qualitative and quantitative introduction to the physical-science areas of astronomy, earth study and meteorology with the main thrusts being directed toward astronomy and earth study. It emphasizes the conceptual aspects of these subjects while making a minimum but essential use of mathematics. Instructional activities consist of lectures, class discussions, demonstrations and possible use of audio- visual materials.
Lincoln University	Earth Science with Lab	PHY 103/104L	4	Fundamental physical principles with specific applications to meteorology, astronomy, geology, and oceanography. Students needing a physical science lab course should enroll concurrently in PHY 104L. Three one-hour lectures. / Laboratory course designed to engage students in experiments relating to physical principles and their applications. Fulfills general education lab requirement. One two-hour laboratory. Prerequisite: Previously taken or concurrent enrollment in PHY 103.
Missouri Southern State University	Physical Science Elementary Teachers	PHYS 0101	4	Basic concepts in the field of physical science. Central to the course will be a working ability in applying some of the basic laws of nature to specific problems. Four lecture and demonstration periods and one three-hour lab per week.
Missouri State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.

Missouri University of Science & Technology	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Missouri Western State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Northwest Missouri State University	General Earth Science	GEOL 27114/ 27115	4	GEOL 27114: A general introductory survey of the earth sciences of physical geography, geology, oceanography, climatology and meteorology. The connection between the various components of the earth system will be analyzed. GEOL 27115: This course gives students the chance to apply, through written exercises, the concepts discussed in GEOL 27114.
Southeast Missouri State University	Physical Concepts	PH 106/006	4	An introduction to the concepts and principles governing the natural physical world and their relation to society. Emphasis on developing an appreciation for the role of science in our life. Does not count on a major or minor. Two lectures and two hour lab.
Southeast Missouri State University	Physical Science: A Process Approach	PH 218	4	Major topics include atomic structure, elements and com-pounds, chemical reactions and energy concepts of heat, light, sound, electricity and magnetism.
Truman State University	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
University of Central Missouri	Weather and Climate	EASC 1114	4	Principles and theories of weather, climate, and other atmospheric phenomena. Included is the study of energy exchanges, winds, cloud types, precipitation forms, severe weather, generation of hurricanes, tornadoes, and mid-latitude storms, pollution, climate change and the cultural implications of weather and climate.
University of Missouri-Columbia	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
University of Missouri-Kansas City	Foundations of Physical Science	PHY-SCI 110/110L	4	Fundamental principles and concepts of the various physical and mathematical sciences, integrated by the history and philosophy of science.
University of Missouri-Kansas City	Understanding the Earth + Lab	ENV-SCI 110R/ 110L	4	This introductory course surveys the processes that shape our planet. Topics include: plate tectonics and mountain-building, rivers and oceans, atmospheric circulation, weather and climate, and the amazingly complex relationships between life on Earth and the physical environment.
University of Missouri-St. Louis	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Crowder College	Earth and Space Science for Teachers	GEOL 210	4	A laboratory intensive course designed to give students an understanding of the processes of science and the basic concepts of Earth science (Geology, Oceanography, and Atmospheric Science) and Astronomy. This course is designed primarily for students intending to major in elementary education. One-day field trips and some night-time astronomical observations will be required.

East Central College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Jefferson College	Survey of Physical Sciences	PHY 101	4	Survey of Physical Science is a general education course which is designed to acquaint students with basic scientific concepts and their application to the physical universe. Laboratory time is required.
Metropolitan Community College	Foundations of Physical Science	PHY 104L	4	Fundamental principles and concepts of classical and modern physics, astronomy, chemistry and earth science, and their relationships. Includes a lab component.
Metropolitan Community College	Oceanography	GEOL 110	4	Ocean as part of Earth's dynamic and ecologic systems.
Metropolitan Community College	Energy and the Environment	GEOL 180	4	Introduces fundamental concepts of energy generation and environmental impact. Analysis of energy fundamentals, fossil fuel exploration and use, atmospheric pollution, global warming, nuclear energy, alternative energy sources and energy conservation. Optional field trips.
Mineral Area College	Physical Science	PHS 1130	4	An introduction to the study of physical science for non-science majors. Especially recommended for elementary education majors. The first half of the course emphasizes the major ideas of physics while the second half emphasizes topics in chemistry.
Missouri State University-West Plains	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
Moberly Area Community College	Foundations of Physical Science	PHY 101	4	This course provides a study of basic concepts of physics, chemistry, astronomy, geology, and meteorology and their interrelation in the physical world.
North Central Missouri College	Introduction to the Physical Sciences	PS 101	4	A survey course for non-science majors introducing the important concepts that govern the fields of physics, chemistry, meteorology, geology and astronomy. The impact of these sciences on the environment and human activities will also be considered. Lecture and laboratory.
Ozarks Technical Community College	Survey of the Physical Sciences	PHY 101	4	This physical science survey course is designed for elementary education majors. This course does not satisfy the General Education physical science requirement for an A.A. degree. This course provides the tools and experiences necessary for the elementary education teacher to be better equipped to develop and teach science curricula that supports both state and national science standards. Students work with the scientific method and its applications in the physical sciences: earth science, astronomy, chemistry, meteorology and physics.
St. Charles Community College	Introduction to Physical Science	PHY 111/113	4	Introduces the basics in a variety of scientific disciplines including classical (Newtonian) physics, energy, matter and heat, wave behavior, electricity and magnetism, modern physics (the atom and nucleus), geology, and astronomy.
St. Louis Community College	Earth Science with Laboratory	GEO 100/101	4	This introductory geoscience course emphasizes basic principles of astronomy, geology, oceanography and meteorology. Topics covered include the origin of the

				Universe, solar system and Earth, minerals and rocks, plate tectonics geologic time, prehistoric life and evolution, ocean structure and life, weather and climate change. Prerequisite: Reading Proficiency. + Laboratory and field experiences illustrating the principles of earth science. Additional lab hours required.
State Fair Community College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
State Technical College of Missouri	Physical Science	PHY 100	4	This lecture-demonstration-laboratory survey of the physical sciences is designed for the student with a limited science background. Students should learn about the scientific method and its application with special emphasis on scientific principles encountered in our everyday interactions with our environment.
State Technical College of Missouri	Environmental Science with a Lab	PHY 103/104	4	Environmental science provides an integrated, quantitative, and interdisciplinary approach to the study of environmental systems. Information about physical, chemical, and biological conditions of the environment and their effect on organisms are studied to help solve ecological problems. Sustainable natural resource management will be stressed. An attitude of stewardship of natural capital will be encouraged. Prerequisites: COM 101 or COM 110 and CPP 101 or CPP 102 or NST 101. Concurrent: PHY 104. Environmental Science Lab.This is the science lab corresponding to the Environmental Science lecture course. The courses are designed to increase student awareness of the issues surrounding the interactions of humans with the natural environment. Basic quantitative techniques for collecting and analyzing data from environmental systems will be introduced.
Three Rivers College	Physical Science	PHYS 101	4	The course provides a study of basic concepts of physics, chemistry, astronomy, geology, and meteorology and their interrelation in the physical world. The course includes a laboratory experience. The course is intended for non -science majors only. The course requires a basic understanding of elementary algebra.

MOTR COURSE NAME	**PHYSICS I**
MOTR COURSE NUMBER	**MOTR PHYS 100**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	An algebra-based physics lecture course designed for students majoring in science fields other than physics or engineering. This course is generally the first course in a two-course sequence. This course emphasizes motion, mechanics, energy, heat and waves.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Lincoln University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri Southern State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri University of Science & Technology	General Physics I	PHYS 1111	3	An introduction to the fundamental ideas of physics, including mechanics, heat, and sound.
Missouri University of Science & Technology	College Physics I	PHYS 1145	3	An introduction to the ideas of physics, including mechanics, heat, and sound.
Missouri Western State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Northwest Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Southeast Missouri State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Truman State University	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Central Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-Columbia	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural

				Sciences Knowledge Area.
University of Missouri-Kansas City	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
University of Missouri-St. Louis	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Crowder College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
East Central College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Jefferson College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Metropolitan Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Mineral Area College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Missouri State University-West Plains	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Moberly Area Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
North Central Missouri College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Ozarks Technical Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
St. Charles Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
St. Louis Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
State Fair Community College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
State Technical College of Missouri	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.
Three Rivers College	No equivalent course	N/A	3	Students transferring to this institution will receive three (3) credits in the Natural Sciences Knowledge Area.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**PHYSICS I WITH LAB**
MOTR COURSE NUMBER	**MOTR PHYS 100L**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**4**
MOTR COURSE DESCRIPTION	An algebra-based physics lecture and lab course designed for students majoring in science fields other than physics or engineering. This course is generally the first course in a two-course sequence. This course emphasizes motion, mechanics, energy, heat and waves.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	General Physics: Mechanics/Lab	PHY 0251/0252	4	A general physics course which has its main emphasis on mechanics. Among the topics studied are vectors, kinematics, Newton's laws of motion, torques, momentum, work and energy, rotation and torques, fluids, and oscillations. Although Physics 0251 often takes a conceptual approach to its topics, a quantitative treatment of the subject is maintained throughout with example problems being demonstrated by the instructor and homework problems being assigned. Instructional activities consist of lectures, class discussions, demonstrations and some use of audio-visual materials. PHY 0252. This course is the laboratory component for PHY 0251. Small group experiments are performed on selected topics, which are related to those covered in PHY 0251. Instructional activities consist primarily of small-group laboratory experiments, which involve students in hands-on experience with apparatus. Prior to experimental work, students are given introductory explanations regarding laboratory techniques, use of apparatus and the topic(s) to be investigated.
Lincoln University	College Physics	PHY 101	4	Course includes mechanics, heat, and sound. Calculus not used. MAT 121 is recommended before or with this course. Three one-hour lectures and one three-hour laboratory.
Missouri Southern State University	Elementary College Physics I	PHYS 0151	4	Mechanics, rotational dynamics, properties of matter, heat, wave motion and sound. Four hours lecture, one 3-hour laboratory per week.

Missouri Southern State University	Environmental Physics	PHYS 0150	4	Emphasis on physics-based problems and laws related to the environment and to human health. Topics include forces in nature, energy, laws of thermodynamics, heat transfer and radiation, properties of fluids and fluid flow, mechanical properties of solids, sound, electromagnetic waves and spectra, basic electricity, radioactivity and nuclear physics. Designed for students in environmental health and students in biology needing only one course in physics. . Four hours lecture, one three-hour laboratory per week.
Missouri State University	Intro to Physics I w/Lab	PHY 123	4	An introduction to physical theories covering the content areas of mechanics, fluids, sound, and thermodynamics. A knowledge of the laws of Physics will help the student better understand the world and how these laws can be used to make informed decisions to improve society.
Missouri University of Science & Technology	General Physics I + Lab	PHYS 1111/1119	4	Experiments related to topics studied in Physics 1111 and Physics 1145.
Missouri University of Science & Technology	College Physics I + Lab	PHYS 1145/1119	4	Experiments related to topics studied in Physics 1111 and Physics 1145.
Missouri Western State University	Introduction to Physics	PHY 107	4	A comprehensive, quantitative study of the concepts and laws of physics. Designed for students majoring in fields other than the physical sciences, mathematics, or engineering. Topics include motion, gravity, electromagnetism, atomic and nuclear physics, optics, and relativity. Three hours of lecture, two hours lab.
Missouri Western State University	College Physics I	PHY 110	4	Classical treatment of mechanics, energy, waves, and heat.
Northwest Missouri State University	Gen. Physics I w/Lab	PHYS 25110/25111	4	This is a laboratory course in general physics designed to provide the necessary background in physics to fill Northwest Core requirements and to fill general physics needs for pre-professional programs. Major topics covered are structure and properties of matter, motion, mechanics, work, energy, momentum, elasticity, waves, temperature and heat. Three hours of lecture and discussion each week. PHYS 25110–This laboratory meets two hours each week and must be taken concurrently with PHYS 25110.
Southeast Missouri State University	Introductory Physics I	PH 120/020	4	Concepts and principles of natural phenomena, including mechanics, heat and energy, wave motion and sound, with emphasis on the investigative processes. Four lectures and one two-hour lab.
Truman State University	College Physics I	PHYS 185	4	College Physics I is the first semester of a year-long introduction to the fundamentals of physics, beginning with classical (Newtonian) physics. It requires extensive use of algebra and trigonometry, and pairs discussion of theoretical models with laboratory investigations of basic physical concepts. Students learn about Newtonian mechanics, including rotational motion; momentum, energy, and the power of conservation laws; basic thermal physics and thermodynamic principles; and fluids.

University of Central Missouri	College Physics I	PHYS 1101	4	Properties of matter, mechanics, energy, heat, and waves. Laboratory required.
University of Missouri-Columbia	College Physics I	PHYSCS 1210	4	This introductory college physics course uses algebra and trigonometry in developing some of the fundamental concepts of classical physics. Topics covered are vectors, kinematics, dynamics, gravity, momentum, energy, rotational kinematics, rotational dynamics, fluids, simple harmonic motion, waves and sound, and thermodynamics. Three lectures, one discussion, one lab weekly.
University of Missouri-Kansas City	General Physics I w/Lab	PHYSICS 210	4	Introduction to mechanics, wave motion and sound and heat and thermodynamics. Three hours lecture and two hours laboratory per week.
University of Missouri-St. Louis	Basic Physics I	PHYSICS 1011	4	A course specifically designed for students in health and life sciences covering the topics in classical mechanics such as kinematics, Newton's laws, energy, momentum and oscillations.
Crowder College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.
East Central College	College Physics I + Lab	PH 111/112	4	A study of mechanics, properties of matter, and thermodynamics. Not recommended for math, physical science, or engineering students. LAB–A science laboratory course in the study of mechanics, properties of matter, and thermodynamics.
Jefferson College	Elementary College Physics I	PHY 111	4	Elementary College Physics I is a fundamental course dealing with mechanics, sound, electricity, magnetism, light, and the structure of matter. Laboratory time is required
Metropolitan Community College	Technical Physics	PHYS 112	4	Principles of mechanics, thermodynamics, sound, electricity, magnetism, light, and nuclear physics with emphasis on applications to technology.
Metropolitan Community College	General Physics	PHYS 130	4	Algebraic and trigonometric introduction to the principles of mechanics, heat, and sound with an emphasis on problem solving and applications in technical and health careers.
Mineral Area College	College Physics I	PHS 1420	4	An introduction to the nature of physical thinking and selected topics in mechanics, statics, dynamics, heat and thermodynamics, oscillatory motion and sound. Three lectures and one two-hour lab per week. Includes lab.
Missouri State University-West Plains	Introduction to Physics I	PHY 123	4	An introduction to physical theories covering the content areas of mechanics, fluids, sound, and thermodynamics. A knowledge of the laws of Physics will help the student better understand the world and how these laws can be used to make informed decisions to improve society.

Moberly Area Community College	General Physics I	PHY 181	4	General Physics I is the first course in an algebra-based physics sequence. The course covers the principles of mechanics, gravity, thermodynamics, and waves with an emphasis on problem solving and application. Upon completion of the course, students should be able to demonstrate an understanding of the knowledge needed for advancement to General Physics II. Course includes a laboratory component.
North Central Missouri College	College Physics I	PS 185	4	A rigorous non-calculus introductory physics course primarily for students majoring in the life and environmental sciences and science education. A classical treatment of Newtonian mechanics, fluids, heat and thermodynamics. This course satisfies the general education physical science requirement. Lecture and laboratory.
Ozarks Technical Community College	General Physics I	PHY 120	4	This is an algebra based physics course. Students learn about the principles and applications of mechanics, wave motion and heat. Laboratory activities give students an opportunity to demonstrate physics principles presented in lecture.
St. Charles Community College	General Physics I w/Lab	PHY 150 /153	4	Survey of kinematics, dynamics, energy, momentum, rotational motion, fluids, and thermodynamics. Non-calculus in approach. Three hours of lecture-recitation and two hours of laboratory per week.
St. Louis Community College	College Physics I	PHY 111	4	This course is the first semester of a two-semester non-calculus physics sequence. The entire sequence covers topics in mechanics, heat, sound, electricity, magnetism, optics and modern physics. Additional lab hours required.
State Fair Community College	College Physics I	PHYS 105	4	College Physics I with Lab An introduction to the fundamental ideas of physics. Topics include mechanics, wave motion and heat. Prerequisite: MATH 110 or MATH 112 with a grade of C or higher or equivalent placement score.
State Technical College of Missouri	College Physics I + Lab	PHY 101/102	4	This algebra based physics course has topics that may include, but are not limited to, measurement, force, work and energy, matter, fluids, gasses, heat, light, and selected topics in modern physics. This algebra based physics lab course has topics that may include, but are not limited to, measurement, force, work and energy, matter, fluids, gasses, heat, light, and selected topics in modern physics.
Three Rivers College	No equivalent course	N/A	4	Students transferring to this institution will receive four (4) credits in the Natural Sciences Knowledge Area.

MOTR COURSE NAME	**ADVANCED PHYSICS I WITH LAB**
MOTR COURSE NUMBER	**MOTR PHYS 200L**
KNOWLEDGE AREA	**NATURAL SCIENCES**
TRANSFER CREDITS	**4**
MOTR COURSE DESCRIPTION	A calculus-based physics lecture and lab course designed for physics and engineering majors. This course is generally the first course in a two-course sequence. The course emphasizes kinematics, mechanics, energy, momentum, waves, heat and thermodynamics.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Physics I (Mechanics)	PHY 0253/0252	4	A general, Calculus-based, physics course which has its main emphasis on mechanics. Among the topics studied are vectors, kinematics, Newton's laws of motion, momentum, work, and energy, rotation and torques, equilibrium, waves and oscillations, fluids, and basics of heat and thermodynamics. The objective of this course is to learn the principles of mechanics and to develop the problem solving skills needed to apply these principles to physical systems. These will include physical systems with continuous distributions of mass that require the use of calculus.
Lincoln University	General Physics I	PHY 201	4	Calculus-based course designed to meet the needs of majors in physics, chemistry and mathematics, and students who plan to study engineering. Course includes mechanics, heat and waves. Three two-hour activity-based classes with embedded labs and one one-hour problem solving class.
Missouri Southern State University	General Physics I & II	PHYS 0250/0260	4	Introductory study of physics covering vectors, geometric and trigoometric applications in physics, kinematics, and dynamics of particles in one and two dimensions, and Newton's laws of motions. PHYS 0260: introductory study of energy, momentum, kinematics and dynamics of rigid bodies, equilibrium, fluids, heat, and thermodynamics. The course is sequential to PHYS 0250 and begins the sixth week of the semester. Four hours lecture and one 3-hour laboratory per week.
Missouri State University	Foundations of Physics I	PHY 203	4	First of two semesters in basic calculus physics. Lecture and laboratory topics covered include mechanics, waves, and thermodynamics
Missouri University of Science & Technology	Engineering Physics I	PHYS 1135	4	An introduction to mechanics, with an emphasis on topics needed by engineering students, including kinematics, dynamics, statics, and energetics
Missouri Western State University	University Physics I	PHY 210	4	This course is a comprehensive study of mechanics, relativity, oscillations, waves, and thermodynamics involving simulations, applications, and

				experimentation. Course assignments require the student to have a thorough knowledge of college algebra, trigonometry, and calculus. Three hours lecture, two hours computer aided instruction lab, two hours experimentation lab.
Northwest Missouri State University	Fundamentals of Classical Physics I	PHYS 25120/25121	4	An introduction to classical kinematics, mechanics gravitation, energy, momentum, waves, heat and thermodynamics. Recommended for majors in science, mathematics and engineering. Four hours of lecture and discussion per week.
Southeast Missouri State University	General Physics I	PH 230/030	4	Mechanics; kinematics and dynamics of linear and rotational motion; heat and thermodynamics. Four lectures and two hour lab.
Truman State University	Physics 1 w/lab	PHYS 195	4	This course begins a survey of basic physics including Newtonian mechanics and conservation laws, fluid behavior and thermodynamics. Students learn the concepts and develop the skills needed for advanced coursework in science and engineering. Some of the history of physics, its technological, and philosophical aspects, and its place in the history of ideas are explored. This course includes a laboratory component.
University of Central Missouri	University Physics I GE	PHYS 2121	4	Kinematics, dynamics, statics, rotational motion, elasticity, periodic motion, fluids, and heat. Laboratory required.
University of Central Missouri	University Physics	PHYS 2123	4	Kinematics, dynamics, statics, rotational motion, elasticity, periodic motion, fluids, and heat. Laboratory not included. Does not fulfill requirements for any physics degree.
University of Missouri-Columbia	University Physics I	PHYSICS 2750	4	First course in calculus-based physics for science and engineering students. Topics covered are vectors, translational and rotational kinematics, translational and rotational dynamics, energy, momentum, gravity, oscillations, waves, fluids and thermodynamics. Three lectures, one discussion, one lab weekly.
University of Missouri-Kansas City	Physics for Scientists and Engineers I	PHYSICS 240	4	Introduction to mechanics, wave motion and sound and heat and thermodynamics.
University of Missouri-St. Louis	Physics: Mechanics and Heat	PHYSICS 2111	4	An introduction to the phenomena, concepts, and laws of mechanics and heat for physics majors and students in other departments. Three classroom hours, one hour discussion, and two hours of laboratory per week.
Crowder College	General Physics I	PHYS 190	4	General Physics I is a calculus level course that examines the principles and applications of classical mechanics and thermodynamics. This class is intended for students majoring in engineering, the physical sciences, mathematics and computer science.
East Central College	General Physics I	PHY 211/212/200	4	A study of the mechanics of solids, liquids, and gases; and of heat and sound. A course intended for the student who plans to major in mathematics, the physical sciences, or engineering.

Jefferson College	General Physics I	PHY 223	4	General Physics I is the first course in the physics sequence for all physics, chemistry, mathematics, and pre-engineering majors and is a rigorous study of topics in kinematics, dynamics, and thermodynamics. Laboratory time is required. This course is required for the Associate of Science degree.
Metropolitan Community College	Engineering Physics I	PHYS 220	4	Calculus-based introduction to the principles of mechanics, heat, and sound with an emphasis on problem solving and applications in engineering and science careers.
Mineral Area College	General Physics I	PHS 2230	4	An introductory course designed to meet the needs of physical science or engineering majors. Newtonian mechanics, heat and thermodynamics and introductory mechanical wave motion are included. Three lecture hours, one problem session and one laboratory per week.
Missouri State University-West Plains	Foundations of Physics I	PHY 203	4	First of two semesters in basic calculus physics. Lecture and laboratory topics covered include mechanics, waves, and thermodynamics
Moberly Area Community College	College Physics	PHY 201	4	The first course in a calculus-based physics sequence for science and engineering students. The course covers the principles of mechanics, gravity, thermodynamics, and waves with an emphasis on problem solving and application in science and engineering. Course includes a laboratory component.
North Central Missouri College	General Physics I	PS 210	4	The fundamental principles and theories of classical physics topics including kinematics, dynamics, statics, fluids, oscillations, wave mechanics and thermodynamics, based on calculus and vector manipulations. A laboratory course is included to emphasize and reinforce the principles and theories.
Ozarks Technical Community College	Physics Engineers & Scientists I	PHY 220	4	This is a calculus based physics course. Students learn about the principles and applications of mechanics, wave motion and heat. Laboratory activities give students the opportunity to develop the basic skills in data collection and analysis required in physics.
St. Charles Community College	Engineering Physics I	PHY 250	4	Calculus-based course that teaches fundamentals of mechanics, heat and sound.
St. Louis Community College	Engineering Physics I	PHY 122	4	This course is the first semester of a two-semester calculus-level physics sequence. The entire sequence covers topics in mechanics, heat and thermodynamics, optics, electricity and magnetism, with mechanics being one of the topics covered in the first semester. Additional lab hours required.
State Fair Community College	General Physics I with Lab	PHYS 118	4	An introduction to the fundamental ideas of physics. Topics include mechanics, oscillatorymotion and thermodynamics. First course in calculus-based physics for the science and engineering student. (4 lecture, 1 lab)
State Technical College of Missouri	General Physics	PHY 201	4	This calculus based traditional physics course with lab includes selected topics from classical mechanics with other material included as time permits

Three Rivers College	General Physics I	PHYS 211	4	This course is the first of a rigorous two- course sequence in calculus-based physics for all science and engineering majors expecting to transfer to a four-year college or university. It may also be taken to transfer to other college or university programs requiring introductory physics. It covers the topics of properties of matter, mechanics, oscillation, and waves.

Missouri Higher Education Core Transfer Curriculum

Mathematical Sciences Knowledge Area

Mathematical Sciences: Objectives

State-level Goal

To develop students' understanding of fundamental mathematical concepts and their applications. Students should develop a level of quantitative literacy that would enable them to make decisions and solve problems and which could serve as a basis for continued learning.

Suggested Competencies

Students will demonstrate the ability to . . .

- Describe contributions to society from the discipline of mathematics.
- Recognize and use connections within mathematics and between mathematics and other disciplines.
- Read, interpret, analyze, and synthesize quantitative data (e.g., graphs, tables, statistics, survey data) and make reasoned estimates.
- Formulate and use generalizations based upon pattern recognition.
- Apply and use mathematical models (e.g., algebraic, geometric, statistical) to solve problems.

Mathematical Sciences: Courses

3 credits minimum				
MOTR Number	**MOTR Title**	**Transfer Credits**	**Equivalent Courses**	**MOTR COURSE DESCRIPTION**
MOTR MATH 130	Pre-Calculus Algebra	3	Matrix	Pre-Calculus Algebra is intended to prepare students for fields of study that would require a high level of algebraic reasoning or Calculus. Topics include the foundational principles of functions, the analysis of functions and algebraic reasoning.
MOTR MATH 120	Mathematical Reasoning & Modeling	3	Matrix	Mathematical Reasoning and Modeling is a terminal course in mathematics for students in the humanities. Given the variety of college and career paths falling within the humanities, this course may be customized to fit the student needs for a particular postsecondary institution. The proposed student learning outcomes/objectives form a basic course framework that will be enhanced by including additional outcomes/objectives, as needed. The purpose of this course is to provide a comprehensive overview of the skills required to navigate the mathematical demands of modern life and prepare students for a deeper understanding of information presented in mathematical terms. Emphasis is placed on improving students' ability to draw conclusions, make decisions, and communicate effectively in mathematical situations that depend upon multiple factors. To that end, students will develop
MOTR MATH 110	Statistical Reasoning	3	Matrix	Statistical Reasoning is a first course in statistics for students whose college and career paths require knowledge of the fundamentals of the collection, analysis and interpretation of data. Topics include the presentation of interpretation of univariate and bivariate data using graphical and numerical methods, probability, discrete and continuous probability distributions, linear regression, an understanding of good practice in study design, statistical inference, confidence intervals and hypothesis testing. Emphasis is placed on the development of statistical thinking, simulation and the use of technology. Students should develop an appreciation of the need for data to make good decisions and an understanding of the dangers inherent in basing decisions on anecdotal evidence rather than data. To that end, students will use appropriate data-collection methods and
MOTR MATH 150	Pre-Calculus	4	Matrix	Pre-Calculus is intended to prepare students for fields of study that would require a high level of algebraic and trigonometric reasoning or Calculus. Topics include the foundational principles of functions, the analysis of

				functions, algebraic reasoning, geometric reasoning, and trigonometry.

Mathematical Sciences
COURSE EQUIVALENCIES

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**MATHEMATICAL REASONING & MODELING**
MOTR COURSE NUMBER	**MOTR MTH 120**
KNOWLEDGE AREA	**MATHEMATICAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Mathematical Reasoning and Modeling is a terminal course in mathematics for students in the humanities. Given the variety of college and career paths falling within the humanities, this course may be customized to fit the student needs for a particular postsecondary institution. The proposed student learning outcomes/objectives form a basic course framework that will be enhanced by including additional outcomes/objectives, as needed. The purpose of this course is to provide a comprehensive overview of the skills required to navigate the mathematical demands of modern life and prepare students for a deeper understanding of information presented in mathematical terms. Emphasis is placed on improving students' ability to draw conclusions, make decisions, and communicate effectively in mathematical situations that depend upon multiple factors.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.

Lincoln University	Quantitative Reasoning	MAT 115	3	
Missouri Southern State University	Contemporary Mathematics	Math 125	3	
Missouri State University	Contemporary Math	MTH 130	3	
Missouri University of Science & Technology	Mathematical Reasoning and Modeling	Math 1110	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Missouri Western State University	Contemporary Problem Solving	MAT 110	3	
Missouri Western State University	Finite Mathematics	MAT 112	3	
Northwest Missouri State University	Mathematical Modeling	MATH17-116	3	A course for helping students apply functions to model practical situations. Students will apply concepts of algebra to problem solving while relying more heavily on technology when using nonlinear situations. Will satisfy The Northwest Core requirement in mathematical reasoning.
Northwest Missouri State University	Concepts of Mathematics	MATH17-115	3	An explanation of ways in which mathematics is used to understand the contemporary world. Will satisfy The Northwest Core requirement in mathematics. A proficiency examination is available.
Southeast Missouri State University	Survey of Mathematics	MA123	3	
Truman State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
University of Central Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
University of Missouri-Columbia	Quantitative Reasoning	Math 1050	3	
University of Missouri-Kansas City	Math for Liberal Arts	Math 116	3	
University of Missouri-St. Louis	Contemporary Math	Math 1020	3	Course provisionally approved
Crowder College	Quantitative Reasoning	MATH 125	3	Course provisionally approved

East Central College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
Jefferson College	Survey of College Mathematics	MTH 131	3	Course provisionally approved
Metropolitan Community College	College Mathematics	Math 119	3	Course provisionally approved
Mineral Area College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
Missouri State University-West Plains	Contemporary Mathematics	MTH 130	3	
Moberly Area Community College	Quantitative Reasoning	MTH142	3	This course is designed to fulfill general education requirements for students pursuing non-STEM (Science, Technology, Engineering, and Mathematics) degrees and career paths. Topics include problem solving, units of measure, probability and statistics, linear and exponential models, logic and sets. Emphasis is placed on critical thinking and improving students' ability to apply mathematics.
North Central Missouri College	Math Concepts	MT121	3	
Ozarks Technical Community College	Contemporary Math	MTH 128	3	
St. Charles Community College	Contemporary College Math	MATH 155	4	Course provisionally approved
St. Louis Community College	Applications of College Math	MTH161	4	
State Fair Community College	Contemporary Mathematics	MATH 117	3	Course provisionally approved
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
Three Rivers College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**PRE-CALCULUS ALGEBRA**
MOTR COURSE NUMBER	**MOTR MATH 130**
KNOWLEDGE AREA	**MATHEMATICAL SCIENCES**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Pre-Calculus Algebra is intended to prepare students for fields of study that would require a high level of algebraic reasoning or Calculus. Topics include the foundational principles of functions, the analysis of functions and algebraic reasoning.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	College Algebra	MATH 0135	3	
Lincoln University	College Algebra	MAT – 113	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Missouri Southern State University	College Algebra	Math 130	3	
Missouri State University	PreCalculus 1	MTH 136	3	
Missouri University of Science & Technology	College Algebra	Math 1120/ 1140	3	
Missouri Western State University	College Algebra	MAT 116	3	
Northwest Missouri State University	Precalculus Algebra	Math17-118	3	A course for helping students use functions to model situations. Will satisfy The Northwest Core requirement in mathematical reasoning. Proficiency examination is available.

Southeast Missouri State University	Pre-Calculus A	MA116	3	
Truman State University	College Algebra	Math 156	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Central Missouri	College Algebra	MATH 1111	3	
University of Missouri-Columbia	College Algebra	Math 1100	3	
University of Missouri-Kansas City	College Algebra	Math 110	3	
University of Missouri-St. Louis	College Algebra	Math 1030	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Crowder College	Algebra for Calculus	MATH 135	3	
East Central College	PreCalc A	MTH170	3	
Jefferson College	College Algebra	MTH 134	3	
Metropolitan Community College	College Algebra	Math 120	3	
Mineral Area College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
Missouri State University-West Plains	College Algebra	MTH 135	3	
Moberly Area Community College	Precalculus Algebra	MTH140	3	Precalculus Algebra course material includes linear functions and equations; analysis of graphs and functions, including piecewise; absolute value equations and inequalities; quadratic and polynomial functions; rational, power and root functions; inverse, exponential and logarithmic functions; systems of equations and matrices.
North Central Missouri College	College Algebra	MT122	3	
Ozarks Technical Community College	College Algebra	MTH 130	3	
St. Charles Community College	College Algebra-STEM	MATH 162	4	

St. Louis Community College	Precalculus Algebra	MTH160	4	
State Fair Community College	College Algebra	MATH 114	3	
State Technical College of Missouri	College Algebra	MAT 115	3	UNDER REVIEW BY FACULTY DISCIPLINE GROUP
Three Rivers College	College Algebra	MATH 163	3	

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	PRE-CALCULUS
MOTR COURSE NUMBER	MOTR MATH 150
KNOWLEDGE AREA	MATHEMATICAL SCIENCES
TRANSFER CREDITS	5
MOTR COURSE DESCRIPTION	Pre-Calculus is intended to prepare students for fields of study that would require a high level of algebraic and trigonometric reasoning or Calculus. Topics include the foundational principles of functions, the analysis of functions, algebraic reasoning, geometric reasoning, and trigonometry.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
Lincoln University	Pre-Calculus Mathematics	MAT 121	5	

Missouri Southern State University	College Algebra & Trigonometry	Math 140	5	
Missouri State University	PreCalculus Mathematics	MTH 138	5	
Missouri University of Science & Technology	Precalculus	MTH150	5	
Missouri Western State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
Northwest Missouri State University	Precalculus	17-117	4	A course to prepare students to take calculus. Topics include functions and graphs, equations and inequalities, and analytic geometry and trigonometry. Will satisfy the Northwest Core requirement in mathematics
Southeast Missouri State University	Precalculus	MA137	5	
Truman State University	Precalculus	Math 186	5	Course provisionally approved
University of Central Missouri	Precalculus	MATH 1150	5	Course provisionally approved
University of Missouri-Columbia	Precalculus	Math 1160	5	Course provisionally approved
University of Missouri-Kansas City	Precalculus	Math 120	5	Course provisionally approved
University of Missouri-St. Louis	Precalculus	Math 1045	5	Course provisionally approved
Crowder College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
East Central College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
Jefferson College	Precalculus	MTH 141	5	Course provisionally approved
Metropolitan Community College	Pre-Calculus	Math 150	5	
Mineral Area College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.

Missouri State University-West Plains	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
Moberly Area Community College	Precalculus	MTH150	5	This course is a unified study of College Algebra and Trigonometry designed to prepare students for Calculus. The course will focus on algebraic, trigonometric, logarithmic and exponential functions.
North Central Missouri College	Pre-Calculus	MT148	5	
Ozarks Technical Community College	Precalculus	MTH 138	5	Course provisionally approved
St. Charles Community College	Pre-Calculus Mathematics	MAT 171	5	
St. Louis Community College	PreCalculus	MTH 185	5	
State Fair Community College	No equivalent course	–	–	Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
State Technical College of Missouri	Precalculus	MAT 120	5	
Three Rivers College	No equivalent course	–	–	Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**STATISTICAL REASONING**
MOTR COURSE NUMBER	**MOTR MATH 110**
KNOWLEDGE AREA	**MATHEMATICAL SCIENCES**
TRANSFER CREDITS	**3**

MOTR COURSE DESCRIPTION	Statistical Reasoning is a first course in statistics for students whose college and career paths require knowledge of the fundamentals of the collection, analysis and interpretation of data. Topics include the presentation of interpretation of univariate and bivariate data using graphical and numerical methods, probability, discrete and continuous probability distributions, linear regression, an understanding of good practice in study design, statistical inference, confidence intervals and hypothesis testing. Emphasis is placed on the development of statistical thinking, simulation and the use of technology. Students should develop an appreciation of the need for data to make good decisions and an understanding of the dangers inherent in basing decisions on anecdotal evidence rather than data. To that end, students will use appropriate data-collection methods and statistical techniques to support reasonable conclusion through the following student learning outcomes.			
INSTITUTION	**COURSE NAME**	**COURSE NUMBER**	**TRANSFER CREDITS**	**COURSE DESCRIPTION**
Harris-Stowe State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
Lincoln University	Elementary Statistics	MAT 117	3	
Missouri Southern State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
Missouri State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
Missouri University of Science & Technology	Statistical Reasoning	Stat 1115	3	Course provisionally approved
Missouri Western State University	Introductory Statistics	MAT 111	3	
Northwest Missouri State University	General Statistics	17-114	3	Course provisionally approved
Southeast Missouri State University	Statistical Reasoning	MA155	3	Course provisionally approved
Truman State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
University of Central Missouri	Basic Statistics	ACST 1300	3	

University of Missouri-Columbia	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
University of Missouri-Kansas City	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
University of Missouri-St. Louis	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
Crowder College	Elementary Statistics	MATH 130	3	
East Central College	No equivalent course			
Jefferson College	Elementary Statistics	MTH 132	3	Course provisionally approved
Metropolitan Community College	Statistics	Math 115	3	Course provisionally approved
Mineral Area College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
Missouri State University-West Plains	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
Moberly Area Community College	Elementary Statistics	MTH160	3	Elementary Statistics includes descriptive statistics, statistical design, correlation and regression, and elementary probability. Statistical inferences will include one- and two-sample confidence intervals and hypotheses tests.
North Central Missouri College	Statistics	MT125	3	
Ozarks Technical Community College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.
St. Charles Community College	College Statistics-General Education	MATH 157	4	Course provisionally approved
St. Louis Community College	Elementary Statistics	MTH180	4	Course provisionally approved
State Fair Community College	Statistical Reasoning	Math 119	3	
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.

Three Rivers College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Mathematical Sciences knowledge area.

Missouri Higher Education Core Transfer Curriculum

Humanities & Fine Arts Knowledge Area

Humanities & Fine Arts: Objectives

State-level Goal

To develop students' understanding of the ways in which humans have addressed their condition through imaginative work in the humanities and fine arts; to deepen their understanding of how that imaginative process is informed and limited by social, cultural, linguistic, and historical circumstances; and to appreciate the world of the creative imagination as a form of knowledge.

Suggested Competencies

Students will demonstrate the ability to . . .

- Describe the scope and variety of works in the humanities and fine arts (e.g., fine and performing arts, literature, speculative thought).
- Explain the historical, cultural, and social contexts of the humanities and fine arts.
- Identify the aesthetic standards used to make critical judgments in various artistic fields.
- Develop a plausible understanding of the differences and relationships between formal and popular culture.
- Articulate a response based upon aesthetic standards to observance of works in the humanities and fine arts.

Humanities & Fine Arts: Courses

9 credits minimum, from at least two disciplines.				
MOTR Number	MOTR Title	Transfer Credits	Equivalent Courses	MOTR COURSE DESCRIPTION
MOTR DRAW 100	Introduction to Drawing	3	Matrix	An introduction to the visual art of drawing, emphasizing construction, form, perspective, hand- eye coordination, tools, media, and so forth. Utilizes a wide variety of media (chosen by the instructor), including pencil, charcoal, pen, ink, etc.
MOTR ART 101	Art Appreciation	3	Matrix	An introduction to the appreciation of the visual arts, this course engages students in critical and creative thinking about broad topics including aesthetics, art history, and art criticism. The course provides an opportunity for students to acquire knowledge, cognition, and perception of the universal qualities of art through the study of the elements and principles of art and design and participation in media, techniques, and processes in art.
MOTR ARHS 101	Art History I	3	Matrix	A survey of art, architecture, and decorative arts of various world cultures dating from prehistory to around the 1400s CE. This comprehensive course may include and emphasize any or all topics in early art of Africa, the Americas, the Ancient near East, Asia, Europe, and Oceania.
MOTR ARHS 102	Art History II	3	Matrix	A survey of art, architecture, and decorative arts of various world cultures dating from around the 1400s CE to present day. This course may feature artists and art styles from around the globe.
MOTR AMLT 101	American Literature I	3	Matrix	A survey of American Literature from its pre-colonial beginnings through the end of the Civil War. This course includes literary criticism, textual reception, as well as historical and cultural context. Various authors and genres will be included.
MOTR AMLT 102	American Literature II	3	Matrix	A survey of American literature from the Civil War to the present. This course includes the topics of literary criticism, textual reception, as well as historical and cultural context. Various authors and genres will be included.
MOTR BRLT 101	British Literature I	3	Matrix	A survey of British Literature and culture from its beginnings to the 18th century. This course includes the topics of literary criticism, textual reception, as well as historical and cultural context. Various authors and genres will be included.
MOTR BRLT 102	British Literature II	3	Matrix	A survey of British Literature and culture from the late 18th century to the present. This course includes the topics of literary criticism, textual reception, as well as historical and cultural context. Various authors and genres will be included.

MOTR WDLT 101	World Literature I	3		UNDER CONSIDERATION BY CCAC
MOTR WDLT 102	World Literature II	3		UNDER CONSIDERATION BY CCAC
MOTR FREN 101	French I	3	Matrix	An introduction to the French language, this course teaches the four communication skills—listening, speaking, reading, and writing—through materials featuring Francophone cultures.
MOTR FREN 102	French II	3		UNDER CONSIDERATION BY CCAC
MOTR WCIV 101	Western Civilization I	3	Matrix	Survey of the development of western civilization from its origins through the Reformation. Topics may include changes in political organization, religion, artistic expression, and daily life in the ancient Near East and Europe.
MOTR WCIV 102	Western Civilization II	3	Matrix	Survey of the continued development of western civilization from approximately 1660 to the present day. Topics may include industrialization, imperialism, political revolutions, immigration, and global wars.
MOTR MUSC 100	Music Appreciation	3	Matrix	This course is a study of how music creatively expresses self-understanding, cultural environment, and aesthetic values from ancient to modern times. An emphasis on the basic elements of music and the historical and stylistic periods, illustrated by examples from different genres, instrumental and vocal ensembles, and solo literature for voice and instruments.
MOTR FRLN 101	Other Languages I	3	Matrix	This course catches less common foreign languages, such as Italian, German, Latin, and Chinese. It also can be used to transfer in French and Spanish courses that are 4 or 5 credit hours. Foreign language professionals at individual schools to wrestle with placement issues as they personally test student language ability, which will be important for any student who is taking additional courses in that same language.
MOTR FRLN 102	Other Languages II	3	Matrix	This course catches less common foreign languages, such as Italian, German, Latin, and Chinese. It also can be used to transfer in French and Spanish courses that are 4 or 5 credit hours. Foreign language professionals at individual schools to wrestle with placement issues as they personally test student language ability, which will be important for any student who is taking additional courses in that same language.
MOTR PHIL 100	Introduction to Philosophy	3	Matrix	An introduction to historical and topical themes in philosophy, such as free will, God, personal identity, the limits of scientific knowledge, the nature of inferential reasoning, social justice, among others. Emphasis is placed on

				the rational examination of unquestioned presuppositions commonly made about human nature, the self's relation to others, and the interface of society and the individual brought to light by philosophical inquiry.
MOTR ETHC 100	Introduction to Ethics	3	Matrix	An introduction to the philosophical study of morality, including broadly historical, topical, theoretical, and/or applied areas of ethical inquiry. Topics may include challenges to morality (relativism, egoism), moral theoretical foundations (virtue ethics, care ethics, deontological ethics, utilitarianism, pragmatism, particularism, pluralism, and others), social ethics (including race, sexuality, gender, and/or other issues in social justice), and applied areas (e.g., abortion, capital punishment, environmental ethics, healthcare, and so forth). Emphasis may be placed on conceptions of human nature presupposed by various theoretical and applied moral frameworks.
MOTR WREL 100	World Religion	3	Matrix	An introduction to a wide variety of world religious belief systems and practices, as well as the historical-cultural value systems underpinning their various divergent and/or overlapping value systems. Topics include major world religions (Judaism, Christianity, Islam, Hinduism, Buddhism, among others), as well as various intradenominational religious expressions (e.g., Sunni, Shiite, Jainism, Lutheran, Methodist, Catholic, and so forth). Emphasis is placed on the development of a philosophical outlook that appreciates the religious pluralism of globalized societies.
MOTR SPAN 101	Spanish I	3	Matrix	An introduction to the Spanish language, this course teaches the four communication skills – listening, speaking, reading, and writing – through materials featuring Hispanic cultures.
MOTR SPAN 102	Spanish II	3	Matrix	Continued study of Spanish language and culture.
MOTR THEA 100	Theatre Appreciation	3	Matrix	An introduction to various aspects of theatre including theatre history, its role in society, and the collaborative roles and contributions of theatre artists including actors, directors, designers and critics.
MOTR MUSC 101	Music History I	3		UNDER CONSIDERATION BY CCAC
MOTR MUSC 102	Music History II	3		UNDER CONSIDERATION BY CCAC
MOTR MSPF 100	Music Performance	3		UNDER CONSIDERATION BY CCAC
MOTR FILM 100	Introduction to Film Studies	3		UNDER CONSIDERATION BY CCAC
MOTR THPF 100	Theatre Performance	3		UNDER CONSIDERATION BY CCAC

Humanities & Fine Arts
COURSE EQUIVALENCIES

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**ART HISTORY I**
MOTR COURSE NUMBER	**MOTR ARHS 101**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	A survey of art, architecture, and decorative arts of various world cultures dating from prehistory to around the 1400s CE. This comprehensive course may include and emphasize any or all topics in early art of Africa, the Americas, the Ancient near East, Asia, Europe, and Oceania.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Art History, Theory and Criticism	ART 0200	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Lincoln University	History and Appreciation of Art	ART 330	3	A survey course covering prehistoric art through the Renaissance movement.
Missouri Southern State University	Art History, Prehistoric Through Gothic	ART 0301	3	Historic survey of the visual arts from prehistoric through the Middle Ages. Primarily in the Near East, North Africa and Europe.
Missouri State University	History of Western Art I	ART 271	3	A survey of Western art and the cultures that produced it from Prehistory through the Gothic period.

Missouri University of Science & Technology	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Missouri Western State University	Ancient Through Medieval Art	ART 205	3	History of art in western civilization: prehistoric times through the Middle Ages.
Northwest Missouri State University	Survey of Art I: Prehistory through Medieval Art	ART 109	3	A survey of painting, sculpture, architecture, and the decorative arts from cave art through the Gothic Period in Europe, in addition to early Islamic, African, Asian, Oceanic art and that of the Americas in their chronology.
Southeast Missouri State University	Art History Survey I	AH 110	3	A global study of the visual arts from prehistoric times through the Gothic Age.
Truman State University	Caves to Cathedrals: European and Middle Eastern Art from Prehistory to 1400 C.E.	ART 222	3	From the earliest painting on cave walls to the soaring cathedrals of the Gothic Period, this course offers an historical approach to the art and architecture of the western world before the Renaissance. Art is approached as a text with which one can examine religion, history, technology, and many other aspects of society.
University of Central Missouri	Art History Survey I	ART 1815	3	An introductory survey of art in the Western world from prehistoric origins through the Middle Ages (caves to cathedrals) using art historical description and interpretation based on the social, cultural, intellectual, political, and religious contexts that produced it.
University of Missouri-Columbia	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
University of Missouri-Kansas City	From Cave Painting to Cathedrals	ART-HIST 201	3	Students will learn to analyze and place in an art historical context Western art and architecture from approximately 35,000 BCE to 1250 CE. Art and architecture from all relevant cultures and religions - pagan, Christian, and Islamic - will be covered; particular emphasis will be placed on the accomplishments of Egyptian and Greek artists.
University of Missouri-St. Louis	Introduction to Western Art	ART HS 1100	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Crowder College	Art Appreciation	ART 101		**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
East Central College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Jefferson College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Metropolitan Community College	Art History-Ancient to Gothic	ARTS 1110	3	This course surveys the major developments in painting, sculpture, and architecture from Paleolithic cave paintings through the European Middle Ages with an introduction to the arts of Asia. Students gain an understanding of formal analysis of visual communication and the use of visual arts in social and historical contexts.

Mineral Area College	History of Art I	ART1490	3	History of ancient art from prehistoric to medieval time.
Missouri State University-West Plains	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Moberly Area Community College	Art Survey and Appreciation	ART 101	3	ART 101 is a slide/lecture course examining the visual arts from prehistoric times through the 17th century. Content includes a study of style, design, technique, iconography, and function of art in Western and non-Western culture.
North Central Missouri College	Appreciation of the Arts	AR 102	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**.
Ozarks Technical Community College	Art History I	ART-101	3	This course covers an illustrated study of the history of art. Vocabulary of the basic art elements will be covered as well as the study of prehistoric art through the Gothic period. Major works of paintings, sculptures and architecture will be explored.
St. Charles Community College	Survey of Western Art History I: Prehistory to End of the Middle Ages	ART 1500	3	Survey art history course focusing on historically significant cultures and forms of art and architecture in Western Civilization. Exploration of the development of human achievements from Prehistory to the end of the Middle Ages.
St. Louis Community College	Art History I	ART 101	3	This course is a survey of art before 1300 C.E. Works of art and characteristics of artistic styles are presented and discussed as manifestations of influential ideas from the following cultures or periods Prehistoric, Mesopotamian, Egyptian, Aegean, Greek, Etruscan, Roman, Early Christian, Byzantine, Early and Late Medieval, and two or more Non-Western Cultures.
State Fair Community College	Art Appreciation	ART 101	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Three Rivers College	Art History I	ART K101	3	This course provides an introduction to the history of art from prehistoric through to the mid-15th century from a global perspective. Major works in many media including painting, sculpture, and architecture will be covered. By the end of this course, students will have a visual vocabulary with which they can intelligently discuss and write about works of art. Regardless of whether the work is accessible and easy to admire or difficult and not readily understood, students will understand how to evaluate works of art not only for their beauty, but for other intrinsic values such as power of expression and boldness of communication. Outside readings and papers required.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**ART HISTORY II**
MOTR COURSE NUMBER	**MOTR ARHS 102**
KNOWLEDGE AREA	**HUMANITIES & FINE ARTS**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	A survey of art, architecture, and decorative arts of various world cultures dating from around the 1400s CE to present day. This course may feature artists and art styles from around the globe.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Arts and Humanities knowledge area
Lincoln University	Twentieth Century Art	ART 331	3	A survey course covering the major art movements dating from the 14th century through the 20th century.
Missouri Southern State University	Art History, Renaissance Through Modern	ART 0302	3	Historical survey of the visual arts of Europe from the Early Renaissance through the Modern period. Comparative study of other cultures included.
Missouri State University	History of Western Art II	ART 272	3	A survey of Western art and the cultures that produced it from the Gothic Period to the Second World War.
Missouri University of Science & Technology	No equivalent course			Students transferring to this institution will receive three (3) credits in the Arts and Humanities knowledge area
Missouri Western State University	Renaissance Through Modern Art	ART 255	3	History of art in western civilization: Renaissance through modern times.
Northwest Missouri State University	Survey of Art II: Renaissance to the Present	ART 111	3	A survey of painting, sculpture, architecture, and the decorative arts from the Renaissance Period to the present in Europe and America, and includes
Southeast Missouri State University	Art History Survey II	AH 210	3	Global study of the visual arts from the Renaissance to the contemporary era.

Truman State University	Art in Europe and America from the Renaissance to the Present Day	ART 223	3	From Renaissance chapels to the most contemporary multimedia works, this course covers the history of art in Europe and the United States from 1400 to the present day, tracing the various and changing ways in which the world is represented by artists during this period. Art is examined not only as a physical and visual object, but also as a record of the interaction between images and diverse historical and cultural fields.
University of Central Missouri	Art History Survey II	ART 1825	3	An introductory survey of art in the Western world from the Middle Ages to the art of today using art historical description and interpretation based on the social, cultural, intellectual, political, and religious contexts that produced it.
University of Missouri-Columbia	No equivalent course			Students transferring to this institution will receive three (3) credits in the Arts and Humanities knowledge area
University of Missouri-Kansas City	From Michelangelo to Modernism	ART-HIST 202	3	This course will examine major monuments of Western art and architecture during the late Middle Ages through the Modern period. Art will be examined in its cultural context stressing artistic intent, issues of gender, changing patterns of patronage, and the ascending status of the artist in society.
University of Missouri-St. Louis	Introduction to Western Art	ART HS 1100	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Crowder College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Arts and Humanities knowledge area
East Central College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Arts and Humanities knowledge area
Jefferson College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Arts and Humanities knowledge area
Metropolitan Community College	Art History-Renaissance to Modern	ARTS 1120	3	This course surveys the major developments in painting, sculpture, and architecture from the European Renaissance into the modern era, introducing the arts of Africa and the native peoples of the Americas. Students gain an understanding of the formal analysis of visual communication and the use of visual arts in social and historical contexts.
Mineral Area College	History of Art II	ART1500	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Missouri State University-West Plains	No equivalent course			Students transferring to this institution will receive three (3) credits in the Arts and Humanities knowledge area
Moberly Area Community College	Art Survey and Appreciation II	ART 102	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
North Central Missouri College	Art Appreciation	AR 104	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**

Ozarks Technical Community College	Art History II	ART-105	3	This course covers an illustrated study of the history of art. Vocabulary of the basic art elements will be covered as well as the study of the Renaissance through Contemporary movements. Major works of paintings, sculptures and architecture will be explored.
St. Charles Community College	Survey of Western Art History II: Renaissance to the 20th Century	ART 1505	3	Survey art history course focusing on historically significant cultures and forms of art and architecture in Western Civilization. Exploration of the development of human achievements from the Renaissance to the 20th century.
St. Louis Community College	Art History II	ART 102	3	This course is a survey of art after 1300 C.E. Works of art and characteristics of artistic styles are presented and discussed as manifestations of influential ideas from the following periods or styles Proto-Renaissance, Early Italian Renaissance, Early and Late Northern Renaissance, High Renaissance, Mannerism, Baroque, Rococo, selected 19th and 20th Century styles, and two or more Non-Western cultures.
State Fair Community College	Modern Art History	ART 120	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Arts and Humanities knowledge area
Three Rivers College	Art History II	ART K102	3	This course provides an introduction to the history of art from the mid-15th century through to contemporary from a global perspective. Major works in many media including painting, sculpture, installation art, and performance art will be covered. By the end of this course, students will have a visual vocabulary with which they can intelligently discuss and write about works of art. Regardless of whether the work is accessible and easy to admire or difficult and not readily understood, students will understand how to evaluate works of art not only for their beauty, but for other intrinsic values such as power of expression and boldness of communication. Outside readings and papers required.

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Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**ART APPRECIATION**
MOTR COURSE NUMBER	**MOTR ART 101**
KNOWLEDGE AREA	**HUMANITIES & FINE ARTS**

TRANSFER CREDITS	3			
MOTR COURSE DESCRIPTION	An introduction to the appreciation of the visual arts. This course engages students in critical and creative thinking about broad topics including aesthetics, art history, and art criticism. The course provides an opportunity for students to acquire knowledge, cognition, and perception of the universal qualities of art through the study of the elements and principles of art and design and participation in media, techniques and processes in art.			
INSTITUTION	**COURSE NAME**	**COURSE NUMBER**	**TRANSFER CREDITS**	**COURSE DESCRIPTION**
Harris-Stowe State University	Introduction to Art	ART 0150	3	In this course students are introduced to the richness and variety of visual art forms through acquaintance with works of art in the St. Louis Art Museum, local art galleries, art studios, public buildings and Laumeier Sculpture Park. Through slides, a required text and other resources, students will be made aware of the contributions of many different cultures.
Lincoln University	Introduction to Art	ART 100	3	An introduction to the visual arts including the study of the elements, principles, media, techniques and critical appreciation.
Missouri Southern State University	Art Appreciation	ART 0110	3	A survey designed to increase appreciation of the visual arts through readings, slide lectures, library research and visits to the George A. Spiva Center for the Arts. Development of the cognitive and critical processes as they relate to the visual arts are emphasized.
Missouri State University	Art in Context	ART 200	3	In this art appreciation course students will learn how to look at objects of art and to appreciate the value such objects hold in society. This course introduces the elements of art and the principles of design and is intended to enhance an interest, appreciation, and understanding of the visual arts in the context of their cultures.
Missouri University of Science & Technology	Art Appreciation	ART 1180	3	A basic introductory course designed to familiarize students who have little or no knowledge of the arts with fundamental knowledge necessary for intelligent approach to experiencing the visual arts; painting, sculpture, and architecture.
Missouri Western State University	Introduction to Art	ART 100	3	General background in the history, philosophy, principles, and techniques of the visual arts.
Northwest Missouri State University	Art Appreciation	ART 13-102	3	A study of the elements and principles of art as well as forms of expression in works from the major periods of Western art. Although the works will be studied in the context of history, the course is not a chronological survey.
Southeast Missouri State University	Perspectives in Art	AR 112	3	Understanding the role of contemporary and historical art in enriching the human experience.
Truman State University	Introduction to the Visual Arts	ART 203	3	The relationship of the student to visual environment studied through a survey of the aesthetics of the visual arts and through a survey of historical periods.

University of Central Missouri	Ideas and the Visual Arts	ART 1800	3	Engages students in critical and creative thinking about broad topics in the visual arts ranging from questions about the nature of art (aesthetics), to describing and interpreting works of art (art criticism), to art historical and cultural contexts (art history), and elements and principles of art and design (studio art).
University of Missouri-Columbia	Appreciation of Art	ART_GNRL 1020	3	Illustrated discussion with examples from varied historic and contemporary art fields on nature of art, functions, and methods of creative expression.
University of Missouri-Kansas City	Introduction to the History of Art: Pyramids to Picasso	ART-HIST 110	3	This is an introduction to the history of art, with in-depth discussions of painting, sculpture, prints, and architecture. Students will be introduced to significant works from major historical periods; their cultural roles, style and composition, and the artistic processes involved in their creation. Emphasis is placed upon Western art history, with attention paid to important interactions with other world traditions, including the arts of Islam, Japan, and Africa. The comprehensive collections of The Nelson-Atkins Museum of Art contribute an important component to the course.
University of Missouri-St. Louis	Introduction To Western	ART HS 1100	3	An introduction to major historical movements in Western art.
Crowder College	Art Appreciation	ART 101	3	This course is a survey of major concepts in the visual arts and their relation to the societies that produced them. Art Appreciation is an introduction to the history of art, contemporary art, art theory, artworks, media, and creative processes. The student will develop an increased appreciation for the visual arts, the usage of media as a means of communication, and the parallel relation to specific styles, periods and cultures. This course partially fulfills Humanities general education requirements.
East Central College	Art Appreciation	AR 1203	3	This course is intended to stimulate students' visual, cultural, and intellectual awareness by introducing design vocabulary, conceptual awareness, analytical skills, and methods of the creative process. Students will also be introduced to a general overview of global artistic activities through the ages and consider the importance of visual arts in their contemporary lives.
Jefferson College	Art Appreciation	ART 101	3	Art Appreciation is a study of fine art from many periods, prehistoric through contemporary, with emphasis on seeing and understanding style and technique.
Metropolitan Community College	Survey of Art	ART 108	3	A brief history of the Visual Arts, including painting drawing, sculpture and architecture. Global cultures from prehistoric times through present day will be covered.
Mineral Area College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Arts and Humanities knowledge area
Missouri State University-West Plains	Art in Context	ART 200	3	In this art appreciation course students will learn how to look at objects of art and to appreciate the value such objects hold in society. This course introduces the elements of art and the principles of design and is intended to enhance an interest, appreciation, and understanding of the visual arts in the context of their cultures.

Moberly Area Community College	Art Survey and Appreciation I	ART 101		ART 101 is a slide/lecture course examining the visual arts from prehistoric times through the 17th century. Content includes a study of style, design, technique, iconography, and function of art in Western and non-Western culture.
North Central Missouri College	Art Appreciation	AR 104	3	A broad survey of the visual arts guiding the student toward an awareness of art in relation to the environment. Includes the examination of motivations for creating art, the study of various artistic processes and the chronological study of the history of art.
Ozarks Technical Community College	Art and Experience	ART 110	3	This course introduces the visual arts in the context of history and culture providing students with knowledge and practice in the skills necessary to make art a greater part of everyday life. It involves analysis of art works and introduces terminology and concepts for understanding the study of style, design, technique, iconography and function of art within various cultural matrices. This course provides an introduction to the western artistic and cultural tradition and provides students with knowledge of and practice in the skills necessary to make art a greater part of everyday life. In addition to learning to recognize and explain art from the major periods and styles in the western tradition, students also practice describing and reflecting upon their experience of particular works and investigate the creation of art.
St. Charles Community College	Art Appreciation	ART 1001	3	Lectures to stimulate visual, emotional and intellectual awareness of humankind's artistic heritage. Covers historically significant art forms from prehistoric through postmodernism.
St. Louis Community College	Art Appreciation	ART 101	3	This course is intended to stimulate student's visual, aesthetic and intellectual awareness of our global artistic heritage. Both historic and thematic approaches to a wide variety of objects and media will develop students' abilities to evaluate and discuss the arts
State Fair Community College	Art Appreciation6	ART 100	3	Study of art history from the last of the 19th century through the present. Consists of formal lectures, films, slides, gallery and studio visits, assigned readings, as well as hands-on experiences with art materials. Includes the evolution of art by focusing on the major art movements of the past 100 years. Encourages appreciation of visual art through the study of content, design, technique, and criticism of art. Students learn how art changed during this period and how it reflects the dynamics of 20th century civilization.
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Arts and Humanities knowledge area
Three Rivers College	History and Art Appreciation	ARTS 123	3	This is an introductory course emphasizing the appreciation of the visual arts through the study of the art and architecture of various geographical areas and cultures throughout history from antiquity through contemporary artist. A select number of significant artist, artistic movements, and cultures will be covered. The course will examine how art reflects and influences cultures throughout history.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**AMERICAN LITERATURE I**
MOTR COURSE NUMBER	**MOTR AMLT 101**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	A survey of American Literature from its pre-colonial beginnings through the end of the Civil War. This course includes literary criticism, textual reception, as well as historical and cultural context. Various authors and genres will be included.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	American Literature I	ENG 0320I	3	American Literature I is a survey of American Literature from its pre-colonial beginnings through the end of the Civil War
Lincoln University	American Literature Through 1865	ENG 307	3	The development of American literature through the Civil War. Features the various American subcultures, including those of African Americans and women, that have produced major forms and works, and focuses upon a greater aesthetic understanding of the salient literature of the period.
Missouri Southern State University	American Literature I	ENG 0281	3	A survey of American Literature from its beginning to the Civil War.
Missouri State University	Survey of American Literature I	ENG 350	3	Representative authors, movements, ideas, and styles in American literature from the beginning to 1870.
Missouri University of Science & Technology	American Literature: 1600 to 1865	ENGLISH 1221	3	A chronological survey that explores the ways the literature represents the concerns of individual authors as well as the history of literature.
Missouri Western State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Northwest Missouri State University	American Literature: Beginnings to 1866	ENGL 10-233	3	Development of American literature from the early Colonial period to the mid-19th century. Readings include Edwards, Hawthorne, Poe, Melville, Emerson, Thoreau, Dickinson, and Whitman.

Southeast Missouri State University	American Literature I	LI270	3	Beginnings-1860. Important works of American writers.
Truman State University	American Literatures: Chronology	ENG 265	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Central Missouri	American Literature to 1865	ENGL 2200	3	An introduction to major American authors and works from the colonial period to the Civil War.
University of Missouri-Columbia	Readings in American Literature Series	ENGLSH 1300, 1307	3	Focuses on reading and interpreting selected texts in American literature.
University of Missouri-Kansas City	American Literature I	ENGLISH 311	3	A survey of American literature and culture from its beginnings to 1865. This course will cover a range of authors, several genres, and culture forms, which may include fiction, poetry, drama, autobiography, oral, contact and/or slave narratives, folklore, and songs.
University of Missouri-St. Louis	American Literature Before 1865	ENGL 2710	3	Representative selections from American authors from the early seventeenth century to the Civil War.
Crowder College	No equivalent course			Students transferring to this institution will receive 3 credits in the Arts and Humanities knowledge area.
East Central College	Proposed Course			
Jefferson College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Metropolitan Community College	AMERICAN LITERATURE TO 1860	ENGL 222		Survey of American literary works to the Civil War.
Mineral Area College	American Literature I	ENG2430	3	The purpose of this course is to help students understand and appreciate early American literature. Covering the Puritan Period, Revolutionary Period and Romantic Period, nonfiction essays, journals, short stories and poetry will be studied. Classes are discussion oriented, with lectures provided to introduce historical information, facts about the authors and terminology peculiar to particular periods and genres. A strong emphasis will be placed on reading and discussion.
Missouri State University-West Plains	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Moberly Area Community College	American Literature Survey to 1870	LAL120	3	This course is a study of American literature from the colonial period to the late 19th century, emphasizing reading, interpretation, and criticism of works by major authors.

North Central Missouri College	American Literature Before 1865	EN 261	3	A survey of precolonial, eighteenth century and early nineteenth century literature with emphasis on the varied responses to the contexts of American experience, including voices of the dominant as well as minority cultures.
Ozarks Technical Community College	Survey American Literature I	ENG-350	3	Students in English 350 read and discuss major works of American nonfiction, fiction, poetry and drama written before 1870. The impact of the historic and cultural environment upon the literature is considered as students read for both critical analysis and appreciation. Prerequisite(s):ENG 101.
St. Charles Community College	American Literature From 1620-1865	LIT 210	3	Study of development of U.S. literary tradition beginning with early colonists through Civil War. Reading and discussion of major authors of poetry, fiction, drama and historical documents.
St. Louis Community College	American Literature Before 1865	ENG 204	3	This course is a study of representative works of American literature including socially and ethnically diverse writers from the pre-colonial period to 1865, with particular focus on the development of a unique national literature that reflects evolving notions of American identity through the Civil War. Prerequisites: ENG 101 and Reading Proficiency.
State Fair Community College	American Literature	LIT 107	3	Study of major American authors and works from the Colonial Period to the present, emphasizing development of concepts that have shaped American life and literature .Prerequisite: ENGL 070 with a grade of C or higher or equivalent placement scores.
State Technical College of Missouri	American Literature: 1865 to Present	COM 280	3	This course examines a broad overview of American literature from the end of the Civil War to the present. The historical perspective will be examined as we study different genres and literary movements. Through written assignments, class discussion, and exams, students will gain greater understanding of how American literature both influenced and was influenced by an evolving American culture. Prerequisite: COM 101 with a grade of "C" or better. 3 credit hours.
Three Rivers College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.

CORE 42 MOTRANSFER GUARANTEED

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**AMERICAN LITERATUE II**
MOTR COURSE NUMBER	**MOTR AMLT 102**
TRANSFER CREDITS	**3**

MOTR COURSE DESCRIPTION	A survey of American literature from the Civil War to the present. This course includes the topics of literary criticism, textual reception, as well as historical and cultural context. Various authors and genres will be included.			
INSTITUTION	**COURSE NAME**	**COURSE NUMBER**	**TRANSFER CREDITS**	**COURSE DESCRIPTION**
Harris-Stowe State University	American Literature II: 1865 to the Present	ENG 0320II	3	American Literature II is a survey course designed to cover the texts of the major authors in American literature from 1865 until present time. Authors of diverse backgrounds, ethnicity and lifestyles will be represented.
Lincoln University	Survey of American Literature: 1865 - Present	ENG 307	3	The development of American literature from the Civil War to the present. With an emphasis on major works, including those of African Americans and women, this course traces the maturation of American literature through the Modernist period and beyond.
Missouri Southern State University	American Literature II	ENG 0282	3	A survey of American literature from the Civil War to the present.
Missouri State University	Survey of American Literature II	ENG 351	3	Representative authors, movements, ideas, and styles in American literature from 1870 to the present.
Missouri University of Science & Technology	American Literature 1865 to Present	ENGLISH 1222	3	A chronological survey that explores the ways the literature represents the concerns of individual authors as well as the history of literature.
Missouri Western State University	No equivalent course			Students transferring to this institution will receive 3 credits in the Arts and Humanities knowledge area
Northwest Missouri State University	American Literature: 1865 to the Present	ENGL 10-234	3	Development of American literature from the end of the Civil War to the present. Readings include Twain, Norris, Crane, Hemingway, Faulkner, Wright, Momaday, Frost, Eliot, Stevens, Hughes and Brooks.
Southeast Missouri State University	American Literature II	LI271	3	1860-present. Important works of American writers.
Truman State University	American Literatures: Chronology	ENG 265	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Central Missouri	American Literature 1865 to Present	ENGL 2205	3	An introduction to major American authors and works from the Civil War to the present.
University of Missouri-Columbia	Readings in American Literature Series	English 1300	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Missouri-Columbia	Readings in American Literature Series	English 1307		**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**

University of Missouri-Columbia	Readings in American Literature Series	English 1308		**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Missouri-Columbia	Readings in American Literature Series	English 1309		**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Missouri-Columbia	Readings in American Literature Series	English 1310		**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Missouri-Kansas City	American Literature II	ENGLISH 321	3	A survey of American literature and culture from 1865 to the present. This course will cover a range of authors, several genres, and culture forms, which may include fiction, poetry, drama, autobiography, essay, lyrics, and film.
University of Missouri-St. Louis	American Literature After 1865	ENGL 2720	3	Representative selections from American authors from the Civil War to the present.
Crowder College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
East Central College	Proposed Course Addition			
Jefferson College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Metropolitan Community College	American Literature 1860-Present	ENGL 223	3	Survey of American literary works from the Civil War to the present.
Mineral Area College	American Literature II	ENG2440	3	This purpose of this course is to help students understand and appreciate American literature from the late 19th century to the late Specific periods covered are the Realistic/Naturalist Period, Modernist Period and Post-Modernist Period. Classes are discussion oriented, with lectures provided to introduce historical information facts about the authors and terminology peculiar to particular periods and genres. A strong emphasis will be placed on reading and discussion.
Missouri State University-West Plains	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Moberly Area Community College	American Literature Survey from 1870	LAL121	3	This course is a study of American literature from the late 19th century to the present, emphasizing reading, interpretation, and criticism of works by major authors.
North Central Missouri College	American Literature After 1865	EN 262	3	A survey of late nineteenth century, modern and contemporary literature with emphasis on the varied responses to the contexts of American experience, including voices of the dominant as well as minority cultures. PREREQUISITE: EN 101 or current enrollment in EN 101. EN 261 is not a prerequisite for EN 262. Humanities credit. (OF, OSP, OSU)

Ozarks Technical Community College	Survey American Literature II	ENG-351	3	Students in English 351 read and discuss major works of American nonfiction, fiction, poetry and drama written since 1840. The impact of the historic and cultural environment upon the literature is considered as students read for both critical analysis and appreciation. Prerequisite(s): ENG 101.
St. Charles Community College	American Literature From 1865-present	LIT 220	3	Survey of American literature beginning with the period after the Civil War to the present. Major American writers in poetry, fiction, and drama will be read and discussed in relation to the development of intellectual thought and literary theory. Includes writers who reflect diverse voices ? Native American, African American, Asian American, Latin American, etc. ? who make America unique.
St. Louis Community College	American Literature Between 1865 and 1945	ENG 205	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
State Fair Community College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Three Rivers College	American Literature II	ENG K222		This course is a survey of American writers beginning from approximately 1865 to the present. Students will read the fiction, poetry, and drama of selected writers, and examine the dominant themes and literary movements that have shaped American literature. The multicultural dimensions of American literature will be explored, and a variety of relevant critical strategies will be used. Writing assignments will stress critical analysis including the incorporation of various critical approaches. Prerequisite: ENG* K102 or permission of the instructor.

CORE 42 MOTRANSFER GUARANTEED	***Missouri Higher Education Core Transfer Curriculum***
MOTR COURSE NAME	**BRITISH LITERATURE I**
MOTR COURSE NUMBER	**MOTR BRLT 101**
TRANSFER CREDITS	**3**

MOTR COURSE DESCRIPTION	A survey of British literature and culture from its beginnings to the 18th century. This course includes the topics of literary criticism, textual reception, as well as historical and cultural context. Various authors and genres will be included.			
INSTITUTION	**COURSE NAME**	**COURSE NUMBER**	**TRANSFER CREDITS**	**COURSE DESCRIPTION**
Harris-Stowe State University	Major British Authors I: Beginnings to 1798	ENG 0326I	3	Major British Authors I is a survey of the work of major British authors from the 10th century to 1798.
Lincoln University	Survey of English Literature I	ENG 310	3	The development of English literature through the sixteenth century. Emphasis on major forms and works.
Missouri Southern State University	British Literature I	ENG 0271	3	Survey of British literature from its beginnings through the eighteenth century.
Missouri State University	Survey of English Literature I	ENG 340	3	Representative authors, movements, ideas, and styles in English literature from the beginning to 1790.
Missouri University of Science & Technology	British Literature I: The Beginnings to 1800	ENGLISH 1211	3	A survey of works and authors that explores the way these works represent the chronological period and express the individual concerns and techniques of those authors.
Missouri Western State University	No equivalent course			Students transferring to this institution will receive 3 credits in the Arts and Humanities knowledge area.
Northwest Missouri State University	English Literature: Beowulf through the 18th Century	ENG 10-245	3	A study of selected English literary masterpieces and their backgrounds from the Anglo-Saxons through Boswell's biography of Samuel Johnson. Readings include Chaucer, More, Spenser, Marlowe, Shakespeare, Donne, Milton, Pope, Swift and Boswell.
Southeast Missouri State University	English Literature I	LI 260	3	Beginnings - 1798. Major English writing from Beowulf to the pre-Romantic period, with attention to form, historical consideration, contents and literary types.
Truman State University	British Literatures: Chronology	ENG 245	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Central Missouri	British Literature to 1798	ENGL 2210	3	An introduction to major British authors and works from 700 to 1798.
University of Missouri-Columbia	Readings in British Literature, Beginning to 1603	ENGLSH 1206	3	Focuses on reading and interpreting selected texts in British literature.
University of Missouri-Columbia	Readings in British Literature, 1603 to	English 1207	3	Focuses on reading and interpreting selected texts in British literature.

	1789			
University of Missouri-Kansas City	British Literature I	ENGLISH 317	3	A survey of British Literature and culture from its beginnings to the 18th century, including works by Chaucer and Milton.
University of Missouri-St. Louis	English Literature Before 1790	ENGL 2310	3	The development of English literature from the Middle Ages through the eighteenth century. Introduces students to major literary movements and themes through the reading and analysis of representative works of selected major authors.
Crowder College	No equivalent course			Students transferring to this institution will receive 3 credits in the Arts and Humanities knowledge area.
East Central College	Proposed Course			
Jefferson College	No equivalent course			Students transferring to this institution will receive 3 credits in the Arts and Humanities knowledge area.
Metropolitan Community College	British Literature I	ENGL 2610	3	Survey of British literature from the early Middle Ages to the middle of the 18th century.
Mineral Area College	English Literature I	ENG2330	3	A survey study of major authors and their works from the early Middle Ages through the 18th century. Major figures studied include Chaucer, Shakespeare, Milton and Pope. A strong emphasis will be placed on reading and discussion.
Missouri State University-West Plains	No equivalent course			Students transferring to this institution will receive 3 credits in the Arts and Humanities knowledge area.
Moberly Area Community College	English Literature Survey to 1750	LAL150	3	This course surveys English literature from the Anglo-Saxon to the Neoclassical period, emphasizing reading, interpretation, and criticism of works by major authors. (FA)
North Central Missouri College	English Literature I	EN 230	3	A survey of some significant works of English literature from Beowulf to Pope. Selected authors within this time frame will vary to offer as wide an overview of genres and perspectives as possible during the semester.
Ozarks Technical Community College	Survey English Literature I	ENG-340	3	Students read and discuss major works of English nonfiction, fiction, poetry and drama written before 1790. The impact of the historic and cultural environment upon the literature is considered as students read for both critical analysis and appreciation.
St. Charles Community College	English Literature Before 1800	LIT 250	3	Overview of earliest works written in English. Traces development of various forms of literature from beginnings in early Anglo-Saxon poetry through Shakespeare's plays and Romantic Poets
St. Louis Community College	No equivalent course	ENG 211	3	Students transferring to this institution will receive 3 credits in the Arts and Humanities knowledge area.

State Fair Community College	English Literature	LIT 109	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive 3 credits in the Arts and Humanities knowledge area.
Three Rivers College	No equivalent course			Students transferring to this institution will receive 3 credits in the Arts and Humanities knowledge area.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**BRITISH LITERATURE II**
MOTR COURSE NUMBER	**MOTR BRLT 102**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	A survey of British Literature and culture from the late 18th century to the present. This course includes the topics of literary criticism, textual reception, as well as historical and cultural context. Various authors and genres will be included.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Major British Authors II: 1798 to the Present	ENG 0326II	3	Major British Authors II is a survey of the work of major British authors of the Romantic, Victorian and modern periods.
Lincoln University	Survey of English Literature II	ENG 311	3	A study of English literature from the Age of Reason through Modernism with emphasis on major writers and literary trends and types. Reading of primary texts will be stressed.
Missouri Southern State University	British Literature II	ENG 0272	3	Survey of British literature from the Romantic Movement to the present.
Missouri State University	Survey of English Literature II	ENG 341	3	Representative authors, movements, ideas, and styles in English literature from 1790 to the present.

Missouri University of Science & Technology	British Literature II	ENGLISH 1212	3	A survey of works and authors that explores the way these works represent the chronological period and express the individual concerns and techniques of those authors.
Missouri Western State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Northwest Missouri State University	English Literature: Romantics to the Present	ENG 10-246	3	English literature from the Romantics to the present, including works by Wordsworth, Byron, Keats, Shelley, Browning, Tennyson, Wilde, Hardy, Yeats, Woolf, Joyce, Lawrence, Lessing, Eliot and Auden.
Southeast Missouri State University	English Literature II	LI 261	3	1798-present. Important works from the Romantics through Postmodernism. Concludes with late 20th and early 21st century shifts in artistic vision. Particular attention given to close reading and significance of historical/cultural context. Wide spectrum of experiences in critical writing.
Truman State University	British Literatures: Chronology	ENG 245	3	This course takes a chronological approach in analyzing British Literature. Each class examines at least three consecutive periods in British Literature (Old English, Medieval, Renaissance, 17th Century, 18th Century, Romanticism, Victorian, Modern, Contemporary). ENG 245 British Literatures: Chronology considers the structural, ideological, historical, or cultural significance of various works by important writers within the selected periods. The focus of each section is indicated in the class schedule. Possible combinations might be: 1) Old English, Medieval, Renaissance; 2) Medieval, Renaissance, 17th Century; 3) Renaissance, 17th Century, 18th Century; 4) 17th Century, 18th Century, Romanticism; 5) 18th Century, Romanticism, Victorian; 6) Romanticism, Victorian, Modern; and 7) Victorian, Modern, Contemporary.
University of Central Missouri	British Literature 1798 to Present	ENGL 2215	3	An introduction to major British authors and works from 1798 to the present.
University of Missouri-Columbia	Readings in British Literature, 1789 to 1890	English 1208	3	Focuses on reading and interpreting selected texts in British literature.
University of Missouri-Columbia	Readings in British Literature, 1890 to Present	English 1209		Focuses on reading and interpreting selected texts in British literature.
University of Missouri-Kansas City	British Literature II	ENGLISH 327	3	A survey of British Literature and culture from the late 18th century to the present. This course will cover a range of authors and genres, including at least one novel.
University of Missouri-St. Louis	English Literature After 1790	ENGL 2320	3	The development of English Literature from the beginning of the nineteenth century. Introduces students to major literary movements and themes through the reading and analysis of representative works of selected major authors.
Crowder College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.

East Central College	Survey British Literature: Romant-Present	ENG 211	3	A survey of English literature from the romantic period to the present.
Jefferson College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Metropolitan Community College	British Literature 1750-Present	ENGL 221	3	Survey of British literature from the end of 18th century to the present.
Mineral Area College	English Literature II	ENG2340	3	A survey study of major authors from the nineteenth century Romantic writers through the twentieth century. Authors studied include Austen, Wordsworth, Byron, Tennyson, Browning, Yeats, Conrad, Joyce and Orwell. A strong emphasis will be placed on reading and discussion
Missouri State University-West Plains	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Moberly Area Community College	English Literature Survey from 1750 to Present	LAL151	3	This course surveys English literature from the Romantic, Victorian, Modernist, and Postmodern periods.
North Central Missouri College	English Literature II	EN 240	3	A survey of some significant works of English literature from the Romantics to the 20th century. Selected authors within this time frame will vary to offer as wide an overview of formal developments and changes in class, race and gender perspectives as possible during the semester.
Ozarks Technical Community College	Survey English Literature II	ENG-341	3	Students read and discuss major works of English nonfiction, fiction, poetry and drama written since 1790. The impact of the historic and cultural environment upon the literature are considered as students read for both critical analysis and appreciation.
St. Charles Community College	English Literature After 1800	LIT 260	3	Overview of English literature beginning with Romantics and continuing through Modern Age. Includes poetry, drama, fiction, and essays.
St. Louis Community College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
State Fair Community College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Three Rivers College	British Literature II	ENG* K232	3	This course is a chronological survey of British Literature from 1790 through the twentieth century. Through reading selected works of the Romantic, Victorian, Modern and post-Modern periods, emphasis will be placed upon the unfolding British literary tradition and its intellectual background. Themes include British patriarchy, women's rights and the emergence of feminism, imperialism and nationalism, and the crisis of traditional belief systems, including religious,

				social, and political institutions. Writing assignments will stress critical analysis, including the incorporation of various critical approaches.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**FRENCH I**
MOTR COURSE NUMBER	**MOTR FREN 101**
KNOWLEDGE AREA	**HUMANITIES & FINE ARTS**
TRANSFER CREDITS	**TO BE DETERMINED**
MOTR COURSE DESCRIPTION	An introduction to the French language, this course teaches the four communication skills – listening, speaking, reading, and writing – through materials featuring Francophone cultures. This course is currently included in the Missouri Transfer Course Library.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course			TRANSFER CREDIT ALLOTMENT UNDER DISCUSSION
Lincoln University	FRENCH 1	FRE 105	5	Students will develop skills in the five areas of second language acquisition: speaking, listening, writing, reading, and cultural awareness.
Missouri Southern State University	BEGINNING FRENCH I	FREN 0101	3	The first semester of French language instruction developing proficiency in listening, speaking, reading and writing and providing an introduction to the study of French-speaking cultures.
Missouri State University	ELEMENTARY FRENCH I	FRN 101	3	Essentials of French language emphasizing the development of speaking, listening, reading, and writing within a culturally relevant context.
Missouri University of Science & Technology	ELEMENTARY FRENCH I	FRENCH 1101	4	Introduction to reading, conversation, and grammar.
Missouri Western State University	ELEMENTARY FRENCH I	FRE 100	3	Beginning study of French language and culture, including speaking, listening, reading and writing. Focus on topics of personal interest and activities, using

				primarily the present tense.
Northwest Missouri State University	FRENCH COMMUNICATION & CULTURE I	LANG 14-131	3	Initiates awareness of Francophone cultures along with the ability to understand simple conversation in French and to communicate basic needs and describe activities.
Southeast Missouri State University	FRENCH LANGUAGE & CULTURE I	FR 100	3	Acquisition of an appreciation of the culture of French speaking peoples and study of speaking, understanding, reading, and writing French.
Truman State University	ELEMENTARY FRENCH 1	FREN 120	3	Beginning practice in understanding, speaking, reading, and writing French in the context of French and Francophone cultures. Three class sessions plus an additional peer teaching session per week are required. Supplemental work online or in the Language Learning Center is required.
University of Central Missouri	ELEMENTARY FRENCH I	FREN 1201	3	Fundamental principles of French pronunciation, the building of basic vocabulary of words and expressions, studies in structure, oral work, and reading selections.
University of Missouri-Columbia	ELEMENTARY FRENCH I	FRENCH 1100	4	An introductory course for students who wish to begin their study of French. It teaches the four skills–listening, speaking, reading, and writing. The class meets four days a week and one day in the lab. Class time is used to practice the structures and vocabulary.
University of Missouri-Kansas City	ELEMENTARY FRENCH I	FRENCH 110	3	The goals of this course are an ability to speak and to understand simple (spoken) French as well as to read and write simple prose.
University of Missouri-St. Louis	FRENCH LANGUAGE & CULTURE I	FRENCH 1001	5	Students will develop communicative skills in French, including listening, speaking, reading, and writing. Introduction to Francophone culture through discussion of readings and visual media.
Crowder College	FRENCH I	FREN 101	3	This is a multimedia course that combines video, audio and print to teach French language and culture. It immerses the student in current, living French in everyday situations, spoken by natives. Its focus is on communication and proficiency.
East Central College	ELEMENTARY FRENCH I	FR 1104	4	A multi-media course that combines video, audio and print in authentic French. Students develop language proficiency (especially in listening and speaking) that allows them to participate in real conversations at a very early stage. Using “The Natural Approach”, the course presents material inductively (so that the activities drive the grammar), students quickly become excited about their rapid growth in comprehension and vocabulary acquisition and enjoy speaking in the non-threatening environment made possible by the activity formats.
Jefferson College	BEGINNING FRENCH	FRN 101	5	Prerequisite: Reading proficiency Beginning French allows the students to develop fundamental oral and written skills in French. Labs are conducted online.
Metropolitan Community College	ELEMENTARY FRENCH I	FREN 101	5	An introduction to French. Develop basic communication skills (listening, reading, writing, and speaking). Informal study of the culture of French speaking countries.

Mineral Area College	ELEMENTARY FRENCH	MFL 1170	3	An introduction to the French language and culture designed to expose students to the four basic language skills — reading, writing, listening and speaking.
Missouri State University-West Plains	ELEMENTARY FRENCH I	FRN 101	3	Essentials of French language emphasizing the development of speaking, listening, reading, and writing within a culturally relevant context.
Moberly Area Community College	Elementary French	FLN 111	5	This course is an introduction to the French language and will include pronunciation, vocabulary, grammar, and culture. The focus will be learning to speak, understand, read, and write in French.
North Central Missouri College	FRENCH I	FL 120	3	An introductory course in French emphasizing conversational speaking and comprehension, pronunciation, and the accumulation of basic vocabulary. Simple grammatical concepts are also introduced.
Ozarks Technical Community College	BEGINNING FRENCH I	FRN 101	3	This course introduces students to the basic structures and vocabulary of the French language as well as French-speaking cultures. All four skills are addressed: listening, speaking, reading and writing.
St. Charles Community College	French Language and Culture I	FRN 101	4	Beginning French course that presents basic language skills of speaking, listening comprehension, reading and writing, with emphasis on effective linguistic functioning in real situations. Includes culture unit on Paris. Opportunity provided for audio-lingual practice outside of class.
St. Louis Community College	ELEMENTARY FRENCH I	FRE 101	4	This is the beginning course which introduces the basic sentence structure and vocabulary necessary to participate in elementary French conversations. Additional course topics include reading short French passages, aspects of contemporary culture, and a variety of grammatical forms useful in writing French prose. Supplemental online lab work is required.
State Fair Community College	ELEMENTARY FRENCH I	FREN 101	3	Begins the four basic skills of language communication: listening, speaking, reading, and writing. Includes an introduction to the French culture.
State Technical College of Missouri	No equivalent course			TRANSFER CREDIT ALLOTMENT UNDER DISCUSSION
Three Rivers College	No equivalent course			TRANSFER CREDIT ALLOTMENT UNDER DISCUSSION

CORE 42 MOTRANSFER GUARANTEED

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**ART INTRODUCTION TO DRAWING**

MOTR COURSE NUMBER	**MOTR DRAW 100**
KNOWLEDGE AREA	**HUMANITIES & FINE ARTS**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	An introduction to the visual art of drawing, emphasizing construction, form, perspective, hand-eye coordination, tools, media, and so forth. Utilizes a wide variety of media (chosen by the instructor), including pencil, charcoal, pen, ink, etc. This course is currently included in the Missouri Transfer Course Library.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Basic Drawing	ART 0130	3	In this course, through a series of assigned exercises, students will become increasingly self-confident in their ability to draw. A variety of media are employed in teaching the basic skills of drawing.
Lincoln University	Drawing I	ART 107	3	A studio course in drawing. A selection of methods and media will be introduced. Emphasis will be on developing skills in composition, perspective, value, volume, craftsmanship, and working from observation.
Missouri Southern State University	Drawing I	ART 130	3	Development of perceptual and structural drawing skills through the study of line, value, perspective and composition using various media.
Missouri State University	Drawing I	ART 115	3	Basic elements and principles of drawing. A problematic approach to the process of seeing and drawing through an applied investigation of natural and man-made forms.
Missouri University of Science & Technology	Drawing I	ART 1120	3	Principles of drawing: placement, proportion, perspective, chiaroscuro, values, line, form, texture, and techniques. Applied problems to develop perceptual observation.
Missouri Western State University	Beginning Drawing I	ART 110	3	Elementary drawing with the figure, still life, landscape, and perspective in various media.
Northwest Missouri State University	Drawing I	ART 13120	3	An introduction to and the application of basic principles of art in drawing using a variety of media, techniques and subjects.
Southeast Missouri State University	Drawing I	AR 100	3	Introduction to drawing skills/ concepts through drawing from direct observation using basic drawing media.
Truman State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.

University of Central Missouri	Drawing I	ART 1110	3	Basic principles of perspective and composition through problems in landscape and still life.
University of Missouri-Columbia	Drawing I	ART 1050	3	An introduction to visual hierarchy, composition, and pictorial space in drawing. Emphasis on linear perspective and the language of light and shadow using black and white media (graphite, charcoal and/or conte crayon). Development of skills and concepts in drawing based on historical models, lectures, demonstrations and critiques. .
University of Missouri-Kansas City	Foundation Drawing	ART 112	3	This course focuses on developing skills and techniques of observational drawing.
University of Missouri-St. Louis	Drawing I	ST ART 1140	3	An introduction to drawing through the study of figure, object, and environment.
Crowder College	Drawing I	ART 106		Drawing I is a beginning level, fundamental art department course investigating a variety of media, techniques and subjects. The course explores perceptual and descriptive possibilities with consideration to drawing as a developmental process as well as an end in itself.
East Central College	Drawing I	AR 1303	3	A studio course in drawing. The student will be introduced to methods and techniques based on the elements and principles of design. The emphasis will be the development of observational and compositional skills, and a heightened sense of creativity.
Jefferson College	Drawing I	ART 115	3	Drawing I introduces the fundamentals of perceptual drawing. Drawing I students will study still life, landscape, and the figure in various line and value media.
Metropolitan Community College	Drawing I	ART 110	3	Development of fundamental drawing skills and techniques using various media. Observation and compositional aspects of drawing.
Mineral Area College	Drawing I	ART 1130	3	An introduction to drawing with emphasis on perception and developing a familiarity with elements of art and a sensitivity to their use in drawing. A basic course in drawing fundamentals desired by all transfer colleges. Various media are introduced so that the student gains an awareness of the potential of each. Value, line, texture and shape are some of the basic elements presented.
Missouri State University-West Plains	Drawing I	ART 115	3	Basic elements and principles of drawing. A problematic approach to the process of seeing and drawing through an applied investigation of natural and man-made forms.
Moberly Area Community College	Drawing and Composition I	ART 110	3	This is a basic free-hand drawing course that introduces the student to various graphic processes. The class investigates various drawing media such as pencil, charcoal, pen, and ink. Subject matter includes life, still life, and landscape. Supplies required for this course are the responsibility of the student.
North Central Missouri College	Drawing I	AR 106	3	A basic course emphasizing the elements of drawing and the interpretation of visual properties of form and space through drawing. No painting or color involved.

Ozarks Technical Community College	Drawing I	ART 120	3	This course introduces basic visual art concepts, ideas and techniques that emphasize design principles and hand-eye coordination. The student will solve a variety of drawing problems with different methods and media. Students will become familiar with the basic vocabulary of the drawing process.
St. Charles Community College	Drawing I	ART 1400	3	Introduction to drawing through variety of methods, both traditional and contemporary. Emphasis placed on analysis of space and form as well as familiarization with and control of drawing material. Introduction to line, perspective, shading, and texture.
St. Louis Community College	Drawing I	ART 109	3	This is a beginning course in fundamentals of drawing that includes an introduction to drawing principles, construction, proportion, form, value, perspective, composition, tools and media. Perception, visual awareness, sensitivity, attitude and judgment are all stressed.
State Fair Community College	Drawing I	ART 112	3	Foundation course placing emphasis on drawing as an expressive medium. Content is based on a series of perceptual and conceptual assignments designed to force students to reach inside themselves to define, through their work, a sense of artistic self.
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Three Rivers College	Drawing I	ARTS 131	2	This is an introductory course providing studio instruction in drawing. Students will work in graphite, charcoal, pastels and other drawing media. Composition, subject matter, rendering, proportion and perspective are explored. The documentation of work in digital media and development of a portfolio are covered.

CORE 42 MOTRANSFER GUARANTEED	***Missouri Higher Education Core Transfer Curriculum***
MOTR COURSE NAME	**INTRODUCTION TO ETHICS**
MOTR COURSE NUMBER	**MOTR ETHC 100**
KNOWLEDGE AREA	**HUMANITIES & FINE ARTS**
TRANSFER CREDITS	**3**

MOTR COURSE DESCRIPTION	An introduction to the philosophical study of morality, including broadly historical, topical, theoretical, and/or applied areas of ethical inquiry. Topics may include challenges to morality (relativism, egoism), moral theoretical foundations (virtue ethics, care ethics, deontological ethics, utilitarianism, pragmatism, particularism, pluralism, and others), social ethics (including race, sexuality, gender, and/or other issues in social justice), and applied areas (e.g., abortion, capital punishment, environmental ethics, healthcare, and so forth). Emphasis may be placed on conceptions of human nature presupposed by various theoretical and applied moral frameworks.			
INSTITUTION	**COURSE NAME**	**COURSE NUMBER**	**TRANSFER CREDITS**	**COURSE DESCRIPTION**
Harris-Stowe State University	Intro to Ethics	PHI 0102	3	In this course the student will study the question "What ought to be?" by reviewing the wide range of human conduct that embraces motives, desires, intentions and overt acts. Various ethical theories that explain why people act as they do and what form of life is best will be discussed. Throughout the course the student will be aided in thinking critically about such theories in relation to contemporary issues. A multicultural approach will be taken in the examination of these issues.
Lincoln University	Intro to Ethics	PHI 203	3	Nature of moral problems and some alternative methods for their solution. Emphasis will be placed on applications to personal and social issues.
Lincoln University	Intro to Ethics	PHI 203H	3	An exploration of Western and non-Western approaches to ethics for Lincoln University honors students. Special emphasis is given to applied ethics and the perspectives of different cultures and ethnicities on important moral issues of our time
Missouri Southern State University	Ethics	PHIL 212	3	Exploration of the problems of value and personal moral standards, comparative survey of major ethical systems and evaluation of the chief ethical struggles in contemporary society.
Missouri State University	Ethics & Contemp. Issues	PHI 115	3	This course examines ethical principles and theories in relation to contemporary moral issues (e.g. euthanasia, capital punishment, economic justice, environmental issues, world hunger). Through a consideration of ideals of justice and human dignity, as well as concepts of rights and responsibilities, it also explores the moral requirements for community and justified political order.
Missouri University of Science & Technology	Intro to Ethics	PHILOS 1130	3	A complex and rich tradition in philosophical thought, Ethics - from the Ancient Greeks up into contemporary thought philosophers - returns again and again to discuss theories in proper behavior.
Missouri Western State University	Intro to Ethics	PHL 230	3	An introduction to ethical theory focusing on the major traditions of Western philosophical ethics and their practical application to contemporary moral issues.
Northwest Missouri State University	Professional Ethics	PHIL 39275	3	An examination of the fundamental concepts, principles and major theoretical approaches of ethics used to determine the moral demands of human conduct with applications to ethical questions of contemporary interests. This course

				focuses on professional ethics.
Southeast Missouri State University	Ethical Theory	PL 204	3	A normative study of human behavior including an examination of ethical theories and theories of moral development.
Truman State University	Intro to Ethics	PHRE 188	3	Prominent theories of the moral life and selected topics.
University of Central Missouri	Ethics	PHIL 2300	3	A systematic overview of various moral theories and their applications in a variety of specific contexts and cases
University of Missouri-Columbia	Intro to Ethics	Phil 1100	3	Introduction to different philosophical theories regarding when acts are morally right rather than wrong; when things are good rather than bad; nature of the "good life", nature of ethical reasoning and justification.
University of Missouri-Kansas City	Intro to Ethics	PHIL 321	3	Attention is given to the nature of ethical ideas and the development and history of ethical theory.
University of Missouri-St. Louis	Approaches to Ethics	PHIL 1130	3	A study and discussion of representative topics in moral philosophy such as moral skepticism, moral objectivity, theories of obligation and value, evaluation of social institutions and the relation between morality and science. Traditional and contemporary writers will be considered.
Crowder College	Ethics	PHIL 202	3	PHIL 202 surveys various ethical systems and explores personal moral attitudes and the ethical struggles in modern society. Students successfully completing this course partially fulfill Humanities general education requirements.
East Central College	Ethics	PHL 2103	3	A course concerned with moral action–deciding whether acts are good or bad, right or wrong. It begins with a study of why people act the way they do and considers various approaches to moral conduct, as well as different bases for making moral decisions.
Jefferson College	Ethics	PHL 202	3	Ethics examines theoretical and practical questions of right and wrong. This course includes a survey of major theories of ethics as well as an examination of contemporary ethical issues such as censorship, animal rights, warfare, the death penalty, affirmative action, and economic justice.
Jefferson College	Ethics	PHL 202H	3	Ethics examines theoretical and practical questions of right and wrong. This course includes a survey of major theories of ethics as well as an examination of contemporary ethical issues such as censorship, animal rights, warfare, the death penalty, affirmative action, and economic justice.
Metropolitan Community College	Intro to Ethics	PHIL 203	3	This course is designed to introduce the student to the discipline of ethics and the philosophical questions and issues that arise from within it. It will include a historical overview of several traditional theories of ethics and approaches to ethical decision-making, an examination of the role of reason and logic in ethical analysis, and a consideration of some of the many ethical dilemmas and problems which confront our society today.

Mineral Area College	Intro to Ethics	PHI 1420	3	An historical introduction to ethical theory with emphasis on comparison of contemporary American ethics with classical and modern moral principles. Prerequisite: Must have met one of the following: a minimum score of 18 on the ACT reading or eligible placement test score, or a minimum grade of C in RDG0900, ENG0990, or ENG0090, or have earned 24 college-level semester credit hours.
Missouri State University-West Plains	Ethics & Contemp. Issues	PHI 115	3	This course examines ethical principles and theories in relation to contemporary moral issues (e.g. euthanasia, capital punishment, economic justice, environmental issues, world hunger). Through a consideration of ideals of justice and human dignity, as well as concepts of rights and responsibilities, it also explores the moral requirements for community and justified political order.
Moberly Area Community College	Intro to Ethics	PHI 152	3	Students will examine various moral philosophers' attempts to prescribe ethical norms applicable to humanity. This course also focuses on the fundamental principles of moral right and wrong and their applications.
North Central Missouri College	Intro to Ethics	PH 101	3	This course examines the major theories of value and moral obligation, and how they illuminate such contemporary issues as abortion, euthanasia, sexual morality, discrimination, medical ethics, privacy, individual freedom, violence and war. Humanities credit.
Ozarks Technical Community College	Intro to Ethics	PHL 105	3	This course is an investigation of the morals and values confronting the individual and society and an examination of the major systems, both traditional and modern, of ethical thought. An analysis of current topics will include the nature of morality and ethics and the criteria for evaluating actions.
St. Charles Community College	Intro to Ethics	PHL 160	3	Introductory survey of classical and contemporary theories in field of ethics. Questions considered regarding ideal moral life, nature of good and evil, principles for distinguishing right from wrong, and ethical relativism versus objectivism. Discusses selected moral dilemmas of modern living.
St. Louis Community College	Intro to Ethics	PHL 104	3	This course is an introductory survey of the basic issues and approaches in the field of ethics, with the aim of showing the relevance of philosophical inquiry to contemporary moral concerns. Questions concerning the good life, the nature and content of morality, and the relation of the individual to the standards of society will be considered.
State Fair Community College	Ethics	PHIL 102	3	Introductory examination of the foundations of moral discourse and ethical study (that is, how to do ethics and how not to do ethics). Provides a summary introduction to a number of ethical theories. Includes discussion of contemporary moral issues and the ethical theories that shine light on them. Students will develop valuable skills of critical thinking and articulate expression while learning to recognize and more effectively address difficult moral issues that arise in today's society.
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.

Three Rivers College	Ethics	PHIL 233	3	Ethics is an introductory survey of the major philosophers and theories in the field of ethics. Students will, through reading, writing and group discussion, demonstrate how ethical philosophies apply to contemporary ethical situations, evaluate the possible outcomes of different ethical choices, and compose a personal ethical worldview.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**INTRODUCTION TO PHILOSOPHY**
MOTR COURSE NUMBER	**MOTR PHIL 100**
KNOWLEDGE AREA	**HUMANITIES & FINE ARTS**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	An introduction to historical and topical themes in philosophy, such as free will, God, personal identity, the limits of scientific knowledge, the nature of inferential reasoning, social justice, among others. Emphasis is placed on the rational examination of unquestioned presuppositions commonly made about human nature, the self's relation to others, and the interface of society and the individual brought to light by philosophical inquiry. This course is currently included in the Missouri Transfer Course Library.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Introduction to Philosophy	PHIL 0101	3	In this course students will examine some of the major philosophical issues dealt with by both philosophers and authors of literature, and they will be encouraged to think critically about these issues. These issues include: What does it mean to learn? Does the world exist as it appears to us? Do minds exist, and if so, how are they related to bodies? Are actions? Is it ever right to break the law? Does God exist? A multicultural approach will be emphasized.

Lincoln University	Intro to Philosophy	PHI 102	3	Acquaints the student with some problems and methods of philosophic inquiry.
Missouri Southern State University	Intro to Philosophy	PHIL 0201	3	Comparative survey of major types of philosophy and of representative problems in philosophy. Option for satisfying Area F General Education requirement.
Missouri State University	Introduction to Philosophy	PHI 110	3	This course explores various ways of understanding the human self and its relation to the world. Through a consideration of what can be known, what is worth valuing, what reality is, and how human communities should be composed and regulated, the course deals with central themes that arise from the human quest for deeper self-understanding.
Missouri University of Science & Technology	Introduction to Philosophy	PHILOS 1105	3	An historical survey of the major approaches to philosophical problems, especially those of the nature of reality, human nature, and conduct.
Missouri Western State University	Introduction to Philosophy	PHL 210	3	Survey of the origins and development of philosophical thought focusing on texts selected from the classical, medieval, modern and contemporary periods.
Northwest Missouri State University	Introduction to Philosophy	PHIL 39171	3	Basic problems and ideas encountered in the moral and intellectual life of humankind are analyzed in a systematic, rather than an historical, manner. Attention is devoted to the philosophies and theories of knowledge, metaphysics, religion, morals, politics and science.
Southeast Missouri State University	Readings in Philosophy	PL 110	3	An exploration of the main issues in philosophy through philosophical and literary readings.
Truman State University	Introduction to Philosophy	PHRE 186	3	Major problems of Western philosophy.
University of Central Missouri	Introduction to Philosophy	PHIL 1000	3	An introductory survey of core philosophical questions and positions in metaphysics, ethics, epistemology, and the theories of the mind.
University of Missouri-Columbia	General Introduction to Philosophy	PHIL 1000	3	Introduction to traditional philosophical problems and methods of philosophical enquiry. Consideration given to different philosophical theories on the nature of reality, man, nature and God; knowledge and how it is acquired; values and social issues.
University of Missouri-Kansas City	Foundations of Philosophy	PHIL 210	3	An introduction to many of the central problems of philosophy. The various dimensions of philosophy are examined as it related to our relationships with each other, our understanding of our world and our understanding of ourselves. Connections between classical philosophers and contemporary issues are explored as philosophy is considered as a deeply personal and also as a social phenomenon.
University of Missouri-St. Louis	Introduction to Philosophy	PHIL 1150	3	A study and discussion of representative topics in philosophy such as free will and determinism, concepts of mind and body, the basis of value judgments, knowledge and belief, and the possibility of constructing a world view.
Crowder College	Introduction to Western Philosophy	PHIL 101	3	A reading prerequisite is in recognition that good reading skills are necessary for this course. The course introduces students to the philosophical questions posed

				by western thinkers and the impact of these ideas on the wider culture and history, and will include readings taken from ancient Greeks to modern philosophers. The course partially fulfills requirements for humanities general education.
East Central College	Introduction to Philosophy	PHL 1003	3	A course which introduces the student to some of the major areas of philosophic knowledge, and inquiry concerning human experiences and the nature of ultimate reality, with special attention given to the teachings of the great philosophers.
Jefferson College	Introduction to Philosophy	PHL 102	3	Introduction to Philosophy is a historical survey of major Western thinkers beginning with the Ancient Greeks. This course looks at timeless questions concerning truth, beauty, reality, justice, logic, ethics, and the existence of God.
Metropolitan Community College	Introduction to Philosophy	PHIL 100	3	This course will introduce students to the fundamental questions of human existence including the foundation of knowledge, the nature of ethical, religious, and social values and meaning, conceptions of being, and human freedom. Consideration will be given to the application of philosophical methods to contemporary society and problems.
Mineral Area College	Introduction to Philosophy	PHI 1400	3	Introduces students to some of the great philosophers. Thoughts on the meaning of life, limits of knowledge and basis for individual liberty are explored. Introduction to Philosophy.
Missouri State University-West Plains	Introduction to Philosophy	PHI 110	3	This course explores various ways of understanding the human self and its relation to the world. Through a consideration of what can be known, what is worth valuing, what reality is, and how human communities should be composed and regulated, the course deals with central themes that arise from the human quest for deeper self-understanding.
Moberly Area Community College	Introduction to Philosophy	PHI 150	3	This course will familiarize the student with the major categories of classic, Western philosophical tradition, ranging from antiquity to the modern era. Students will explore the positions of major philosophical thinkers as they comment on the categories under discussion. Interpretation and communication of the philosophical works of each writer are analyzed
North Central Missouri College	Intro to Philosophy	PH 102	3	This study of philosophy will expose the student to critical thinking and help in the understanding of such fundamental questions as these: How do we know? (Epistemology); what is real? (Metaphysics); and what is of value? (Axiology). Readings from the major philosophers are included.
Ozarks Technical Community College	Introduction to Philosophy	PHL 101	3	This course examines the some of the questions and arguments which have influenced the western tradition of philosophical inquiry. Among the areas of philosophy we will explore are epistemology (What can I know?), metaphysics (What is real?), ethics (What makes a right action right?), philosophy of religion, and social and political philosophy.
St. Charles Community College	Introduction to Philosophy	PHL 101	3	Introduction to philosophical inquiry and historically important philosophical ideas discussed by classical and/or modern philosophers. Topics may include the

				nature of love, the foundation of ethical action, the nature and limits of knowledge, the essence of truth, and the meaning of technology in contemporary culture.
St. Louis Community College	Introduction to Philosophy	PHL 101	3	This course is an introduction to philosophical inquiry through a study of such perennial problems as the nature of truth and the possibility of knowledge, the mind-body relation, the nature and basis of morality, the nature and possibility of free will and the nature and existence of God. The course incorporates both classical and contemporary readings.
State Fair Community College	Introduction to Philosophy	PHIL 101	3	Introduction to the history, persons and perspectives related to the theory of the nature, methods and limits of knowledge. Students will be challenged to deal with concepts such as reality, truth, ethics, reason, and metaphysics.
State Technical College of Missouri	No Course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Three Rivers College	Introduction to Philosophy	PHIL 200	3	Introduction to Philosophy provides an introduction to the basic concepts of metaphysics, knowledge, ethics and politics based on selections from written works of notable philosophers. Students will apply philosophical principles in a personal worldview and will debate a variety of philosophical ideas and viewpoints.

CORE 42 MOTRANSFER GUARANTEED	*Missouri Higher Education Core Transfer Curriculum*
MOTR COURSE NAME	**MUSIC APPRECIATION**
MOTR COURSE NUMBER	**MOTR MUSC 100**
KNOWLEDGE AREA	**HUMANITIES & FINE ARTS**
TRANSFER CREDITS	**3**

MOTR COURSE DESCRIPTION	This course is a study of how music creatively expresses self-understanding, cultural environment, and aesthetic values from ancient to modern times. An emphasis on the basic elements of music and the historical and stylistic periods, illustrated by examples from different genres, instrumental and vocal ensembles, and solo literature for voice and instruments. This course is currently included in the Missouri Transfer Course Library.			
INSTITUTION	**COURSE NAME**	**COURSE NUMBER**	**TRANSFER CREDITS**	**COURSE DESCRIPTION**
Harris-Stowe State University	Music Appreciation	MUS 0206	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Lincoln University	The World of Music	MUS 200	3	The study of music from around the world, including European classical music of selected eras. Selected readings and listening to live and recorded music are required.
Missouri Southern State University	Music Appreciation	MUS 0110	3	A survey of masterpieces of Western musical literature.
Missouri State University	The Language of Music	MUS 241	3	A study of the ways music creatively expresses self-understanding, cultural environment, and aesthetic values from ancient to modern times.
Missouri University of Science & Technology	Music Understanding & Appreciation	MUSIC 1150	3	A study of the development of music with emphasis on understanding music forms and the role music has played in the various historical periods.
Missouri Western State University	Perspectives in Music	MUS 101	3	Music materials, forms, historical-social development of composers and compositions. Various themes may be pursued. May not be repeated for credit.
Northwest Missouri State University	The Enjoyment of Music	MUS 19-201	3	A general studies course designed to provide the student a better understanding and appreciation of the varied styles of music.
Southeast Missouri State University	Music: An Artistic Expression	MU 182	3	An examination of music as artistic expression and an analysis of the role music has played in the human experience.
Truman State University	Perspectives in Art Music, & Western Thought	MUSI 204	3	This course examines the phenomenon of music by considering aesthetic theory in relationship to musical perception and by developing skills in aural analysis of musical structures and styles. Although the classical canon of art music is the central focus of this course, a wide variety of musical styles and genres–including music of non-Western cultures–is often drawn upon as points of reference. Issues of aesthetic sensitivity, personal experience, understanding of social context, and recognition of a variety of cultural/historical references are also components of this course.
University of Central Missouri	Experiencing Music	MUS 1210	3	An introduction to important musical masterpieces with emphasis on the knowledge and skills involved in perceptive listening.

University of Missouri-Columbia	Masterpieces of Western Music	Music NM 1310	3	Introduction to the Western fine-art tradition through the study of representative masterworks, emphasis on developing listening skills; directed to non-majors.
University of Missouri-Kansas City	Music Appreciation	CONSVTY 120	3	Designed for the general University student with little or no music background and required for Dance Majors (no credit for music majors). An emphasis on the basic elements of music and the historical and stylistic periods, illustrated by examples from different genre, such as instrumental and vocal ensembles, large and small, solo literature for voice and instruments, and dance. Three class sessions a week with frequent live performance and guest speakers.
University of Missouri-St. Louis	Intro to Music	MHLT 1001	3	An historically oriented study of art music, its styles and forms from the Baroque period to the present day.
Crowder College	Music Appreciation	MUSC 101	3	This survey of the development of music from the Middle-Ages to the present includes an examination of the cultural forces which shaped the musical expressions of each era. The course is designed to provide the students with the musical vocabulary and listening techniques for a meaningful and enriching understanding and appreciation of music literature.
East Central College	Music Appreciation	MU 1603	3	A historical survey of the development of music, intended to provide a background for the understanding and application of music.
Jefferson College	Music Appreciation	MSC 131	3	Prerequisite: Reading proficiency Music Appreciation is a study of selected composers and representative examples of their music from the medieval period to the present with emphasis on active listening to enable understanding, appreciation, and discussion of music.
Metropolitan Community College	Music Appreciation	MUSI 108	3	3 credits. 3 hours. (Lecture 3 HOURS.) This course will introduce the student to the aesthetics of music through the study of musical eras including the Middle Ages through 20th century and music genres through vocal and instrumental mediums.
Mineral Area College	Appreciation of Music	MSC 1801	3	ppreciation of Music Examines the nature of music as well as the development of Western music from the Middle Ages until the present time. This study provides the basis for the understanding and appreciation of music
Missouri State University-West Plains	The Language of Music	MUS 241	3	A study of the ways music creatively expresses self-understanding, cultural environment, and aesthetic values from ancient to modern times.
Moberly Area Community College	Music Appreciation	MUS 102	3	This course is an introduction to music, emphasizing the various phases of musical beauty, designed to furnish a rational basis for intelligent listening to music. Focus is on basic elements of music and listening techniques; representational Renaissance, Classicism, Romanticist, and Post-Romanticist composers and their music; and discussion of extra-musical factors that bear upon lives and works.
North Central Missouri College	Music Appreciation	MU 109	3	An introductory course concerned with the elements of music, the important musical masterpieces and the significant composers up to the present age. A portion of the class time is devoted to listening to recordings.

Ozarks Technical Community College	Western Music Appreciation	MUS 105	3	Western Music Appreciation explores the development of music from the Medieval Period to the present. Through this class students gain skills to listen and understand different types of classical music. The elements of music, music history and the relation of music and culture are explored through recorded and live performances of music.
St. Charles Community College	Music Appreciation	MUS 111	3	Introductory course for non-music majors. Presents main elements of music, how they develop and change throughout history, and the role of music in society. Emphasis on understanding musical elements and aural applications. Attendance required at live performances.
St. Louis Community College	Music Appreciation	MUS 101	3	Overview providing knowledge of the basic elements of music, the important musical masterpieces of various eras and the significant composers in musical history. A portion of the course time is devoted to listening to recordings and viewing supporting video footage of selected composers and performers. S
State Fair Community College	Music Appreciation	MUS 114	3	This class is a survey of various aspects of music including the philosophy, science, theory, anthropology, sociology, history, and physical act of producing music. A wide variety of musical styles and associative composers will be used to explore these aspects of music.
State Technical College of Missouri	No Equivalent Course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Three Rivers College	History & Appreciation of Music	MUSC 123	3	An introductory course designed to enhance the ability to appreciate Western art music. This cause will include basic elements of music and artistic characteristics of composers as well as listening to musical selections in order to identify composers and relevant historical trends. Students will assess the cultural and musical content of an approved live musical performance.

CORE 42 MOTRANSFER GUARANTEED

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**SPANISH I**
MOTR COURSE NUMBER	**MOTR SPAN 101**
KNOWLEDGE AREA	**HUMANITIES & FINE ARTS**
TRANSFER CREDITS	**TO BE DETERMINED**

MOTR COURSE DESCRIPTION	An introduction to the Spanish language, this course teaches the four communication skills – listening, speaking, reading, and writing – through materials featuring Hispanic cultures. This course is currently included in the Missouri Transfer Course Library.			
INSTITUTION	**COURSE NAME**	**COURSE NUMBER**	**TRANSFER CREDITS**	**COURSE DESCRIPTION**
Harris-Stowe State University	Intro. to Spanish Language & Culture	SPAN 0160 I	3	This course is designed for students with no previous knowledge of Spanish. Students will develop communicative skills in Spanish, including listening, speaking, reading, and writing. They will also have an introduction to Spanish-Latin American culture through discussion of readings and visual media.
Lincoln University	Spanish I	SPA 105	5	Students will develop skills in the five areas of second language acquisition: speaking, listening, writing, reading, and cultural awareness.
Missouri Southern State University	Beginning Spanish I	SPAN 0101	3	The primary goal of SPN 101 is to help students develop proficiency in the four communication skills: listening, reading, speaking and writing. These skills are essential to effective communication in the target language.
Missouri State University	Elementary Spanish I	SPN 101	3	The primary goal of SPN 101 is to help students develop proficiency in the four communication skills: listening, reading, speaking and writing. These skills are essential to effective communication in the target language.
Missouri University of Science & Technology	Elementary Spanish I	SPANISH 1101	4	Introduction to Spanish. Oral drills, readings, grammar and composition.
Missouri Western State University	Elementary Spanish I	SPA 100	3	Beginning study of Spanish language and culture, including speaking, listening, reading and writing. Focus on topics of personal interest and activities, using primarily the present tense.
Northwest Missouri State University	Spanish: Communication & Culture I	LANG 14141	3	Initiates awareness of Hispanic cultures along with the ability to understand simple conversation in Spanish and to communicate basic needs and activities.
Southeast Missouri State University	Spanish Language and Culture I	SN 100	3	Acquisition of an appreciation of the culture of Spanish-speaking peoples and study of speaking, understanding, reading, and writing Spanish.
Truman State University	Elementary Spanish I	SPAN 101	3	Basic grammar structures, together with vocabulary, idioms and accurate pronunciation, are presented and practiced in communicative contexts that mirror Hispanic culture. Emphasis is placed on the development of the four skills (speaking, listening, reading and writing) and on expanding cultural awareness.
University of Central Missouri	Elementary Spanish I	SPAN 1601	3	Fundamentals of Spanish pronunciation, the building of basic vocabulary and patterns, oral work, studies in structure, and reading selections.

University of Missouri-Columbia	Elementary Spanish I	SPAN 1100	4	An introductory course for students who wish to begin their study of Spanish. It teaches the four skills - listening, speaking, reading, and writing. The class meets four days a week and one day in the lab. Class time is used to practice the structures and vocabulary.
University of Missouri-Kansas City	Elementary Spanish I	SPANISH 110	3	The goals of this course are an ability to speak and to understand simple (spoken) Spanish as well as to read and write simple prose.
University of Missouri-St. Louis	Spanish Language and Culture I	SPAN 1001	5	This first Spanish course is designed to encourage the development of communicative proficiency through an integrated approach to the teaching of all four language skills - listening and understanding, reading, writing, and speaking. It encourages development of communicative proficiency through an interactive task-based approach, provides students with an active and rewarding learning experience as they develop their language skills and cultural competency, and fosters awareness of the Spanish-speaking world through authentic cultural materials and information.
Crowder College	Beginning Spanish I	SPAN 101	3	This is a multimedia course that combines video, audio, interactive software, and print to teach Spanish language and culture. It immerses the student in current, living Spanish in everyday situations, spoken by natives. Its focus is on communication proficiency.
East Central College	Elementary Spanish I	SP 1104	4	An introduction to the essential grammatical structures, vocabulary and pronunciation of Spanish. Emphasis upon the development of pivotal skills; listening comprehension, speaking, reading and writing. Acquisition of cultural awareness. Course conducted in Spanish as far as practicable.
Jefferson College	Beginning Spanish	SPN 101	5	Beginning Spanish students develop fundamental Spanish oral and written skills. Labs are conducted online.
Metropolitan Community College	Elementary Spanish I	SPAN 101	5	An introduction to Spanish. Develop basic communication skills (listening, reading, writing, and speaking). Study of the culture of Spanish-speaking countries.
Mineral Area College	Elementary Spanish I	MFL 1370	3	Elementary Spanish I Prerequisite: An introduction to the Spanish language and to the Hispanic culture. Students will practice all four language skills, with special emphasis on conversation.
Missouri State University-West Plains	Elementary Spanish	SPN 101	3	CBE. The primary goal of SPN 101 is to help students develop proficiency in the four communication skills: listening, reading, speaking and writing. These skills are essential to effective communication in the target language. International/Intercultural component.
Moberly Area Community College	Elementary Spanish	FLN 101	5	This course is an introduction to the Spanish language and will include pronunciation, vocabulary, grammar, and culture. Focus will be on learning to speak, understand, read, and write in Spanish.
North Central Missouri College	Elementary Spanish I	FL 100	3	An introductory course in Spanish stressing conversation, basic structural patterns of the language and comprehension of grammatical concepts. Initiates

				awareness of Hispanic cultures along with the ability to understand simple conversation in Spanish and to communicate basic needs and activities.
Ozarks Technical Community College	Beginning Spanish I	SPN 101	3	This course covers the essentials of pronunciation, verb construction, vocabulary, and speech patterns through aural-oral practice. This course serves as introduction to Spanish speaking cultures. Class will be conducted in Spanish to the extent that is practical.
St. Charles Community College	Spanish Language and Culture I	SPN 101	4	Beginning Spanish course that presents basic language skills of speaking, listening comprehension, reading and writing, with emphasis on effective linguistic functioning in real situations. Opportunity provided for audio-lingual practice outside of class.
St. Louis Community College	Elementary Spanish I	SPA 101	4	This course is a beginning course that presents the basic sentence structure and vocabulary necessary to participate in elementary Spanish conversations. Students also begin reading short Spanish passages.
State Fair Community College	Elementary Spanish I	SPAN 101	3	Begins the four basic skills of language communication: listening, speaking, reading, and writing. Includes an introduction to the Spanish culture. Concentrates on the present indicative tense with the course conducted primarily in Spanish.
State Technical College of Missouri	No Equivalent Course			TRANSFER CREDIT ALLOTMENT UNDER DISCUSSION
Three Rivers College	Elementary Spanish I	SPAN 101	3	This is an introductory course in the Spanish language. Students learn beginning vocabulary and develop basic listening, speaking, reading and writing skills in the present and future tenses in Spanish. Students are given the opportunity to actively communicate in Spanish as much as possible. They also gain knowledge about Spanish-speaking countries and culture.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	SPAN SPANISH II
MOTR COURSE NUMBER	MOTR SPAN 102
KNOWLEDGE AREA	HUMANITIES & FINE ARTS

TRANSFER CREDITS	TO BE DETERMINED
MOTR COURSE DESCRIPTION	Continued study of Spanish language and culture. This course is currently included in the Missouri Transfer Course Library.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	Essentials of Spanish Language & Culture	SPAN 0160 II	3	This course in the Spanish language program focuses on more advanced language skills to stress further rapid acquisition of spoken Spanish, listening comprehension, reading, and writing skills. It is designed to immerse students as much as possible into Spanish language and culture. The course is taught in Spanish to impart communicative competence through the acquisition of everyday grammar and vocabulary. Students will be exposed to native speakers of Spanish in an interactive CD ROM, tele-based program, and videos on Spain and Spanish-America.
Lincoln University	Spanish II	SPA 205	5	Students will use previously acquired skills to achieve basic communicative exchanges. Upon completion of this course, students will be able to communicate successfully in interactive, task-orientated and social situations.
Missouri Southern State University	Beginning Spanish II	SPAN 0102	3	This course is the second semester of Spanish language instruction. The course continues to develop skills in listening, speaking, reading, and writing, and expose students to the diversity of cultures in the Spanish-speaking world. Prerequisite: SPAN 0101 or equivalent level of proficiency.
Missouri State University	Elementary Spanish II	SPN 102	3	The primary goal of SPN 102 is to help students develop additional proficiency in the four communication skills: listening, reading, speaking, and writing. These skills are essential to effective communication in the target language. International/ Intercultural component..
Missouri University of Science & Technology	Elementary Spanish II	SPANISH 1102	4	Continuation of Spanish 1101.
Missouri Western State University	Elementary Spanish II	SPA 101	3	Continued study of Spanish language and culture, including speaking, listening, reading and writing. Focus on topics of personal interest and activities.
Northwest Missouri State University	Spanish: Communication & Culture II	LANG 14-142	3	Develops comprehension and communication skills, including the ability to discuss opinions and past events, and introduces students to various countries in Spanish America.
Southeast Missouri State University	Spanish Language and Culture II	SN 120	3	Continued study of Spanish speaking peoples through the practice of speaking, understanding, reading, and writing Spanish.

Truman State University	Elementary Spanish II	SPAN 102	3	The basic elements of the Spanish language are examined further and practiced, as in Elementary Spanish I. The skills of speaking, listening, reading and writing are further developed. Three classroom hours per week plus one peer learning session are required.
University of Central Missouri	Elementary Spanish II	SPAN 1602	3	A continuation of Spanish I, with increased attention to grammar.
University of Missouri-Columbia	Elementary Spanish II	SPAN 1200	4	The second course of the beginning sequence in the continuation of SPAN 1100. It places equal emphasis on the four skills; listening, speaking, reading, and writing.
University of Missouri-Kansas City	Elementary Spanish II	SPANISH 120	3	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
University of Missouri-St. Louis	Spanish Language and Culture II	SPANISH 1002	5	This second Spanish course is designed to continue the development of communicative proficiency through an integrated approach to the teaching of all four language skills - listening and understanding, reading, writing, and speaking. It encourages development of communicative proficiency through an interactive task-based approach, provides students with an active and rewarding learning experience as they strengthen their language skills and cultural competency, and fosters awareness of the Spanish-speaking world through authentic cultural materials and information.
Crowder College	Beginning Spanish II	SPAN 102	3	This course continues the study of Spanish language and culture. It immerses the student in current, living Spanish in everyday situations. Its focus is on communication proficiency.
East Central College	Elementary Spanish II	SP 1204	4	A continuation of SP 1104 that completes the introduction to essential structures and further develops pivotal communication skills. Course conducted in Spanish as far as practicable.
Jefferson College	Intermediate Spanish	SPN 102	5	Prerequisites: SPN101 or equivalent skills, and reading proficiency Intermediate Spanish students learn how to express themselves and communicate more effectively in Spanish. Labs are conducted online.
Metropolitan Community College	Elementary Spanish II	SPAN 102	5	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
Mineral Area College	Elementary Spanish II	MFL 1470	3	By the end of the second semester, all major language structures will have been introduced.
Missouri State University-West Plains	Elementary Spanish II	SPN 102	3	The primary goal of SPN 102 is to help students develop additional proficiency in the four communication skills: listening, reading, speaking, and writing. These skills are essential to effective communication in the target language. International/ Intercultural component.
Moberly Area Community College	Intermediate Spanish	FLN 102	5	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**

North Central Missouri College	Elementary Spanish II	FL 101	3	Conversation, grammar and reading are stressed. Oral practice and repetition are used as an aid to pronunciation.
Ozarks Technical Community College	Beginning Spanish II	SPN 102	3	This course is a continuation of Beginning Spanish I. Pronunciation, verb construction, vocabulary and speech patterns will be emphasized. This course serves as introduction to Spanish-speaking cultures. Class will be conducted entirely in Spanish.
St. Charles Community College	Spanish Language and Culture II	SPN 102	4	**UNDER REVIEW BY FACULTY DISCIPLINE GROUP**
St. Louis Community College	Elementary Spanish II	SPA 102	4	In this continuation of SPA 101, students continue their study of the basic elements of Spanish grammar, increase their vocabulary and enhance their ability to read and communicate in Spanish. Students enhance their global and intercultural competency through increased fluency in the language and a deeper exploration of historical and contemporary Hispanic culture.
State Fair Community College	Elementary Spanish II	SPAN 102	3	Concentrates on the preterit and imperfect tenses and reflexive constructions for students to further enhance their ability to listen, speak, read, and write. Course is conducted primarily in Spanish.
State Technical College of Missouri	No Equivalent Course			TRANSFER CREDIT ALLOTMENT UNDER DISCUSSION
Three Rivers College	Elementary Spanish II	SPAN 102	3	Students learn more common vocabulary and continue to develop listening, speaking, reading and writing skills in the present, future and past tenses in Spanish. In-class exposure to Spanish is increased and opportunities to communicate in Spanish are more extensive. They obtain further knowledge of Hispanic cultures as well.

CORE 42 MOTRANSFER GUARANTEED	***Missouri Higher Education Core Transfer Curriculum***
MOTR COURSE NAME	**THEATRE APPRECIATION**
MOTR COURSE NUMBER	**MOTR THEA 100**
TRANSFER CREDITS	**3**

MOTR COURSE DESCRIPTION	An introduction to various aspects of theatre including theatre history, its role in society, and the collaborative roles and contributions of theatre artists including actors, directors, designers and critics.			
INSTITUTION	**COURSE NAME**	**COURSE NUMBER**	**TRANSFER CREDITS**	**COURSE DESCRIPTION**
Harris-Stowe State University	Theater Appreciation	THR 0100	3	This course introduces the student to the literary aspects of drama, theater history and the fundamental processes with an emphasis on contemporary American theater.
Lincoln University	Introduction to the Theatre	SPT 209	3	A survey course in the history, literature, criticism, and arts of the theatre.
Missouri Southern State University	Theatre Appreciation	TH 110	3	Introduction to theatre as a communicative and fine art emphasizing collaborative efforts of playwright, artistic director, designer, actor, and crew. Activities include the interpretation and evaluation of plays through scripts, live, and recorded performances.
Missouri State University	Introduction to Theatre and Drama Arts	THE 101	3	The creative processes of transforming drama to stage, film and television. A study of the collaborations and contributions that the various artists make to the process. Intended to increase the audience's ability to think critically about the artistic experience.
Missouri University of Science & Technology	Theatre via Video	Theatre 1190	3	Provides knowledge and internal understanding of theatre. After watching plays on video through online resources on the student's own time and live productions, students will meet as a class weekly to discuss.
Missouri Western State University	Introduction to Theatre	THR 113	3	The contributions made by directors, actors, designers, technicians, and playwrights to modern dramatic productions.
Northwest Missouri State University	Theatre Appreciation	THE 43-101	3	An introductory course surveying the aesthetic process by which plays are translated into theatrical terms and projected from a stage to an audience, including play alalysis, acting, directing, scene design, costume, makeup and stage lighting.
Southeast Missouri State University	Theatre Appreciation	TH 100	3	Promotes an appreciation for and an understanding of theatre in contemporary society. Emphasizes the script, artist, audience interaction.
Truman State University	Introduction to the Theatre Arts	THEA 275	3	A general introduction to the art of theatre, surveying basic categories and structures of dramatic literature and theatre history as met by principles and problems of theatre production.
University of Central Missouri	Discovering Theatre GE	THEA 2400	3	An introductory examination of theatre and theatrical production, the work of the individual theatre artists involved in the process, and a survey of the drama and developments of major theatrical periods in theatre history.

University of Missouri-Columbia	The Theatre in Society	THEATR 1100	3	Examines the form and meaning of theatre in civilizations of the West from the ancient Greeks to modern times.
University of Missouri-Kansas City	Foundations of Fine Arts Theatre	THEATRE 130	3	An introduction to theatre arts and a general orientation to the creative and technical aspects of live performance. Includes historical overview, analysis of the components of a play, and observation of and critical reaction to theatrical productions. Frequent guest speakers.
University of Missouri-St. Louis	Introduction to Theatre	THEATR 1800	3	A study of Theatre as an art form, emphasizing the audience's appreciation of the art of the playwright, actor, director, designers, and technicians. Major periods, genres, and dramatic forms from classical to modern to the avant-garde as well as performance art will be covered. Students will attend performances and learn about how theatre functions as an art and an industry in today's world.
Crowder College	Introduction to Theatre	TA 205	3	Theatre organization, stage technique and representative plays from Greek to modern drama are introduced. Emphasis is placed on the theatre as a living art form.
East Central College	Theatre Appreciation	THE 101	3	An appreciation course designed to give an introduction to contemporary theatre literature and design. This class will expose the student to the theatre experience through the reading and discussion of various scripts, viewing of productions and the design and creation of theatrical projects.
Jefferson College	Theatre Appreciation	THT100	3	Theatre Appreciation exposes the student to virtually all aspects of theatre, including theatre history, acting, directing, stagecraft, and play analysis. The course focuses on the global development of theatre, including Greek, Roman, Eastern and Western European, and Asian theatre.
Metropolitan Community College	Theatre Appreciation	THEA 106	3	Theater Appreciation is an overview of theater from the playgoer's perspective. The course will include a discussion of theater as a composite art form, investigate theater practices that relate to audiences, and examine the function of the playwright, actor, director, designer, and others in relationship to the creation of a theatrical production.
Mineral Area College	Introduction to Theatre	THE1000	3	A comprehensive introduction to the art of theater examining the roles and contributions of theater artists including the actor, the director, the designers, the playwright and the critic. Students will develop projects in these areas and attend theatre productions.
Missouri State University-West Plains	Introduction to Theatre and Drama Arts	THE 101	3	The creative processes of transforming drama to stage, film and television. A study of the collaborations and contributions that the various artists make to the process. Intended to increase the audience's ability to think critically about the artistic experience.
Moberly Area Community College	Theater Appreciation	DRM 120	3	Students are introduced to all aspects of the art of theater from theatrical production to theater history and literature.
North Central Missouri College	Introduction to Theatre	TH 111	3	A study of the interrelated roles contributing to the creation of a play: playwright, actor, director, designers and technicians. Examination of the history of theatre is

				a major component of the course.
Ozarks Technical Community College	Introduction to Theater	THR-101	3	This interactive course is a study of the collaboration and contributions that various theatre artists make to the process of transforming drama to the stage. Combining lecture, creative projects, and reflection on live theatre events, students will develop their ability to think critically about the artistic experience.
St. Charles Community College	Introduction to Theater	THE 122	3	Emphasizes appreciation of theater as one of living arts. Surveys theater history and dramatic theory from Greeks to present Broadway. Includes lectures, films and discussions on the practitioners and work.
St. Louis Community College	Introduction to Theatre	THT:101	3	Introduction to Theatre is designed to enhance the enjoyment and appreciation of theatre. Students study theatre as a collaborative art form by examining the roles and functions of playwrights, actors, directors, and designers in both traditional and contemporary contexts.
State Fair Community College	Introduction to Theatre	THEA 107	3	Introductory hands-on course where students examine the major contributors to the theatrical event: the director, actor, scene designer, and lighting designer.
State Technical College of Missouri	Introduction to Theatre	COM 290	3	This course offers an introduction to the theatrical productions and performance. Topics will include acting, directing, and critique of a live performance. The course will also introduce basic terminology, history, script analysis, and technical aspects of theater.
Three Rivers College	History and Appreciation of Theater	THEA 120	3	This course examines the development of theatre and its cultural significance throughout history. The course study includes the artistic and technical elements of theatre, significant movements in the history of theatre, different styles and genres of plays, and theatre criticism.

CORE 42 MOTRANSFER GUARANTEED	***Missouri Higher Education Core Transfer Curriculum***
MOTR COURSE NAME	**WESTERN CIVILIZATION I**
MOTR COURSE NUMBER	**MOTR WCIV 101**
TRANSFER CREDITS	**3**

MOTR COURSE DESCRIPTION	Survey of the development and progress of western civilization from its origins through the Renaissance and Reformation (c. 1600) with emphasis on changes in political structures, religious institutions, social systems, artistic expression, war and diplomacy, global interactions, and daily life.			
INSTITUTION	**COURSE NAME**	**COURSE NUMBER**	**TRANSFER CREDITS**	**COURSE DESCRIPTION**
Harris-Stowe State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Lincoln University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Missouri Southern State University	Western Civilization to 1660	HIST 0130	3	Survey of the development and progress of western civilization from its origins through the Reformation. Changes in political organization, religion, artistic expression, and daily life in the ancient Near East, Greece, Rome, and Christian Europe.
Missouri State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Missouri University of Science & Technology	Early Western Civilization	HISTORY 1100	3	Growth and development of ideas and institutions of western culture from prehistoric man to the voyages of discovery.
Missouri Western State University	Ancient and Medieval Civilization	HIS 200	3	The western world from antiquity to the fifteenth century; the emergence of civilization in the Nile and Tigris-Euphrates valleys; the political, social, economic, and intellectual contributions of Greece, Rome, and medieval Europe.
Northwest Missouri State University	Western Civilization I: The Ancient World to 1500	HUM 26-102	3	An introduction to the development of Western Culture from the Ancient World through the Renaissance.
Southeast Missouri State Univ.	Early European Civilization	EH 101	3	An introduction to the development of Western Culture from 1500 to the present.
Truman State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
University of Central Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
University of Missouri-Columbia	Foundation of Western Civilization	HIST 1500	3	Development of characteristic ideas and institutions of Western cultural tradition, from origin of civilization in ancient Near East to beginning of rapid social, political, intellectual transformation of Europe in the 18th century.

University of Missouri-Kansas City	European History to 1600	History 206	3	This course surveys the cultural, social, economic, and political history of the world to 1450. It studies the development of civilizations in isolation as well as the origins, nature, and consequences of global forms of interaction and exchange.
University of Missouri-St. Louis	Topics in European Civilization: Emergence of Western Europe to 1715	HIST 1031	3	Lectures and discussions on the development of western European society and tradition from approximately 1000 to 1715.
Crowder College	Western Civilization I	HIST 101	3	In this history of Western Civilization from ancient times to the end of the Renaissance/Reformation era, the culture and institutional developments of the early civilizations and classical Europe are stressed. HIST 101 partially fulfill the Social and Behavioral Science or Humanities general education requirement, but not both simultaneously.
East Central College	European Civilization I	CV 2103	3	Europe to 1500. An interdisciplinary study of the development of Western culture from prehistoric man through the Protestant Reformation, with special emphasis on social, economic, intellectual, religious, and political institutions.
Jefferson College	Ancient and Medieval Civilization	HST 201	3	Beginning with Prehistory and continuing through the Ancient Middle East, this course concludes with the beginnings of the early modern world. Prerequisite: Reading proficiency Ancient and Medieval Civilization is a general introduction to the political, social, economic, and cultural history of western civilization.
Metropolitan Community College	Foundations of Western Civilization	HIS 113	3	Course under review
Mineral Area College	Western Civilization I	HIS 1130	3	A study of the evolution of Western Civilization from the development of the earliest civilizations to the Age of Absolutism. Meets cultural diversity requirement.
Missouri State Univ.-West Plains	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Moberly Area Community College	Western Civilization I	HST 101	3	This introductory course acquaints students with Western heritage, beginning with a study of the early Middle Eastern civilizations of Mesopotamia and progressing through the civilizations of Egypt, Greece, Rome, and Europe of the Middle Ages, Renaissance, and Reformation. The political, economic, social, cultural, and religious aspects of each of these cultures are examined.
North Central Missouri College	Western Civilization to 1700	HI 101	3	This course is a survey of the social, intellectual, religious, political and economic institutions and traditions developed by groups of people who first lived around the Mediterranean Sea and branched out into Europe and the Western Hemisphere. The time span of the course is from prehistory to approximately 1715.

Ozarks Technical Comm. College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
St. Charles Community College	Western Civilization, Ancient and Medieval Heritage	HIS 145	3	Introduction to ancient civilizations of Eastern Mediterranean, classical civilizations of Greece, Rome, and Western European society up to the Renaissance.
St. Louis Community College	Ancient and Medieval History to 1500	HST 128	3	This course surveys the political, economic, cultural, military, and social forces that have shaped the Western World. The course also examines religious developments, overseas colonization, the Enlightenment, industrialization, imperialism, the world wars, and globalization. Pre-Requisite: Reading Proficiency
State Fair Community College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Three Rivers Community College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.

CORE 42 MOTRANSFER GUARANTEED

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	**WESTERN CIVILIZATION II**
MOTR COURSE NUMBER	**MOTR WCIV 102**
TRANSFER CREDITS	**3**
MOTR COURSE DESCRIPTION	Survey of the development and progress of western civilization from the Renaissance and Reformation (c. 1600) through the 20th century with emphasis on changes in political structures, religious institutions, social systems, artistic expression, war and diplomacy, global interactions, and daily life.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION

Harris-Stowe State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Lincoln University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Missouri Southern State University	Western Civilization since 1660	HIST 0140	3	Survey of Western societies from the Baroque Era to the retreat of European colonialism. Major emphasis on development of the nation-state, the impact of industrialization, changes in political and religious outlook, the impact of revolutions, and two world wars.
Missouri State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Missouri University of Science & Technology	Modern Western Civilization	HISTORY 1200	3	A continuation of History 1100 to the present with special emphasis on the philosophical, political, social, and economic backgrounds of modern society.
Missouri Western State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Northwest Missouri State University	Western Civilization II: 1500 to the Present	HUM 26-103	3	An introduction to the development of Western Culture from 1500 to the present.
Southeast Missouri State Univ.	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Truman State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
University of Central Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
University of Missouri-Columbia	History of Modern Europe	HIST 1510	3	Selected major themes in European history from French Revolution to recent times. Breakdown of traditional institutions, ideas; political, social revolution; industrialization, nationalism, imperialism, world wars; democratic, totalitarian ideologies, movements; quest for international order, European unity.
University of Missouri-Kansas City	European History since 1600	HISTORY 202	3	This course surveys the political, economic, social, intellectual, and cultural history of Europe from about 1600 to the present. Emphasis is given to themes of continuity and change in European culture through the experience of political, scientific and industrial revolutions, conservative reactions, liberal reforms, nation building, imperialism, two world wars, fascism, communism and the Cold War.
University of Missouri-St. Louis	Topics in European Civilization: 1715 to the Present	HIST 1032	3	Lectures and discussions on the development of western European society and tradition from 1715 to the present.

Crowder College	Western Civilization II	HIST 102	3	Cultural developments and the growth of social and political institutions of the post-Renaissance/Reformation Western world are stressed. HIST 102 is a foundation course for understanding contemporary world problems.
East Central College	European Civilization II	CIV 202	3	Europe since 1500. An interdisciplinary study of the development of Western institutions from the Protestant Reformation to the present, with special emphasis on economic, intellectual, social, political, and religious movements.
Jefferson College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Metropolitan Community College	Modern Western Civilization	HIST 134	3	Course under review
Mineral Area College	Western Civilization II	HIS 1140	3	A study of the main problems of the western world from the Age of Absolutism to the present time.
Missouri State Univ.-West Plains	World History Since 1600 C.E.	HST 104	3	A study of World History since 1600 C.E. beginning with the age of science and the Enlightenment's global impact to the most current global history.
Moberly Area Community College	Western Civilization II	HST 102	3	Students are introduced to Western culture beginning with the Renaissance and Reformation and progressing through the Scientific Revolution, the Enlightenment, the Age of Revolution, the Industrial Revolution, and the major events of the nineteenth and twentieth centuries. Humanism, secularism, human rights, progress, liberalism, conservatism, totalitarianism, socialism, Darwinism, and many other ideological concepts are examined.
North Central Missouri College	Western Civilization since 1700	HI 102	3	A continuation of the survey of institutions, traditions and history of Western Civilization with emphasis on European developments and their interaction with non- western cultures and traditions. The time span for this course is from approximately 1715 to the present.
Ozarks Technical Comm. College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
St. Charles Community College	Western Civilizations, Modern European Heritage	HIS 146	3	Beginning with Renaissance, survey of history of Western civilization through post-WWII period.
St. Louis Community College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
State Fair Community College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Three Rivers Community College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.

Missouri Higher Education Core Transfer Curriculum

MOTR COURSE NAME	WORLD RELIGION
MOTR COURSE NUMBER	MOTR RELG 100
KNOWLEDGE AREA	HUMANITIES & FINE ARTS
TRANSFER CREDITS	3
MOTR COURSE DESCRIPTION	An introduction to a wide variety of world religious belief systems and practices, as well as the historical-cultural value systems underpinning their various divergent and/or overlapping value systems. Topics include major world religions (Judaism, Christianity, Islam, Hinduism, Buddhism, among others), as well as various intra-denominational religious expressions (e.g., Sunni, Shiite, Jainism, Lutheran, Methodist, Catholic, and so forth). Emphasis is placed on the development of a philosophical outlook that appreciates the religious pluralism of globalized societies. This course is currently included in the Missouri Transfer Course Library.

INSTITUTION	COURSE NAME	COURSE NUMBER	TRANSFER CREDITS	COURSE DESCRIPTION
Harris-Stowe State University	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Lincoln University	Major Religions of the World	PHI 201	3	Compares and contrasts concepts of ultimate reality, the world of sense, human nature and religious morality of major Eastern and Western religions, including Hinduism, Buddhism, Islam, Christianity and modern secularism.
Missouri Southern State University	Comparative Religion	PHIL 0320	3	A philosophical and historical survey, emphasizing the world's major living religions
Missouri State University	Paths of World Religions	REL 210	3	A global survey of religious movements, including Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, and Islam. Students will learn how these religions have affected individual and cultural identities in history and in the

				contemporary world.
Missouri University of Science & Technology	Comparative Religious Philosophy	PHILOS 1175	3	A comparison of the philosophic ideas and foundations of the major Eastern and Western religions.
Missouri Western State University	Comparative Religions: Eastern Traditions	REL 250	3	Survey of major and minor religions with relevant historical and cultural elements, focusing primarily on religious traditions with origins in East Asia and Oceania
Northwest Missouri State University	Comparative Religions	HUM 26-162	3	An introduction to and a comparative analysis of selected religious traditions.
Southeast Missouri State University	World Religions	RS 101	3	A study of major world religions, including an examination of various definitions and characteristics of religion as exemplified in the histories of religions and their impact on societies.
Truman State University	Exploring Religions	PHRE 185	3	Analyzes religion and its roles in the human cultures of the world with emphasis on major living religions.
University of Central Missouri	Exploring Religions	REL 1510	3	Course under review
University of Missouri-Columbia	Religions of the World	REL_ST 2110	3	This course introduces students to a variety of religious traditions through the study of their myths, rituals, beliefs, and practices, and explores approaches to the academic study of religion.
University of Missouri-Kansas City	Introduction to Comparative Religion	RELIG-ST 100	3	An introduction to the major religious traditions of the world and small group or tribal religions. Emphasis on the comparative study of selected myths, rituals, types of religious specialists, and types of religious communities.
University of Missouri-St. Louis	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Crowder College	World Religions	PHIL 121	3	Students survey and compare the great world religions emphasizing concepts of God, creation, humanity, scripture, ethics and salvation. Emphasis is placed on the relationship between religious beliefs and other elements of society and culture. This rational and historical analysis concentrates on Hinduism, Buddhism, Jainism, Sikhism, Confucianism, Taoism, Shinto, Zoroastrianism, Judaism, Christianity, Islam, and Baha'i. It also includes an introduction to some basic indigenous religions of Native America and Africa.
East Central College	Living World Religions	REL 1303	3	An introductory survey course of the major Eastern and Western religions of the world today, with emphasis on the similarities and differences in their basic teachings and practices, historical backgrounds, and lives of their founders.
Jefferson College	World Religions	PHL 201	3	World Religions is a comparative religions course which considers the major faiths of the world: Judaism, Christianity, Islam, Hinduism, Buddhism, Confucianism, and Daoism.

Metropolitan Community College	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Mineral Area College	Comparative Religion	PHI 1410	3	A survey of the major world religions, including Hinduism, Buddhism, Judaism, Christianity and Islam. Meets cultural diversity requirement, Comparative Religion
Missouri State University-West Plains	Paths of World Religions	REL 210	3	A global survey of religious movements, including Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, and Islam. Students will learn how these religions have affected individual and cultural identities in history and in the contemporary world.
Moberly Area Community College	Religions of the World	PHI 251	3	This course focuses on the impact that religions have had on history and humanity. The basic beliefs and lifestyles of Hinduism, Buddhism, Islam, Judaism, and Christianity are presented
North Central Missouri College	Introduction to Religion	RL 101	3	This course introduces the student to the richness and variety of religious expressions around the world. Further, the student will be introduced to the theology and practices of the religions studied. The student will have an opportunity to analyze and compare religious systems. The student will be prepared to better understand contemporary religious issues and conflicts.
Ozarks Technical Community College	Religions of the World	REL-100	3	This course explores religion as a significant part of human experience and introduces the student to the historical development and the current beliefs and practices of diverse religious traditions in the United States and around the globe.
St. Charles Community College	World Religions	PHL 201	3	Introduction to basic doctrines and stories of seven major religions of the world: Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity, and Islam.
St. Louis Community College	Living Religions	PHIL 104	3	This course introduces the student to the living religions of the world as belief, practice and the impact of the faith on society and culture. In addition, each major religion reviewed will be approached by asking what is the ultimate reality; how should a follower live in this world; and what is the purpose of life. Religions reviewed include Hinduism, Buddhism, Judaism, Christianity, Islam, and to a lesser extent Jainism, Sikhism, Confucianism, Daoism, and Shinto.
State Fair Community College	World Religions	PHL 103	3	This is an introductory course examining the nature and function of religion in human experience and culture and an introduction to the history, content and present status of selected world religions such as Hinduism, Buddhism, Taoism, Confucianism, Islam, Judaism and Christianity.
State Technical College of Missouri	No equivalent course			Students transferring to this institution will receive three (3) credits in the Humanities & Fine Arts knowledge area.
Three Rivers College	Religions of the World	PHIL 243	3	Religions of the World provides students with an introduction to today's five major religions: Hinduism, Buddhism, Islam, Judaism and Christianity. Through reading, writing and discussion, students will: recognize the importance of religion in human culture; Identify the history, teachings, writings and theologies of the selected religions; compare religions in terms of their comprehensive

				theologies; and demonstrate a critical appreciation of each faith studied.

TRANSFER GUARANTEED

CORE 42 Frequently Asked Questions

Below are questions and concerns MDHE staff has frequently heard regarding the CORE 42. By no means is this an exhaustive list of questions, and neither are the answers the last word on the subject. More questions will arise as the CORE 42 is implemented. We'll do our best to address your concerns, but many of these questions will be decided through conversations within the larger academic community.

1. What is the CORE 42?

The Core Curriculum (Core 42) is a framework for general education based upon a statement of the content, component (Knowledge Areas), and objectives of the core curriculum and included courses, and which all Missouri public higher education institutions have agreed to adopt. Upon a student's successful completion of the CORE 42 at any community college or public institution of higher education, that block of courses will be transferred to any other public institution of higher education in the state and shall be substituted for the receiving institution's general education requirement. Institution registrars will develop a process for clearly identifying on a student's transcript when they have completed the CORE 42 . Students will receive credit for having completed the general education requirement at the sending institution and will not be required to take any additional lower-division general education courses at the receiving institution.

For students who transfer before completing CORE 42 curriculum at the sending institution, they shall receive credit from the receiving institution for each of the courses identified as part of the CORE 42 (identified with "MOTR" prefix). The credit received for any individual course with a MOTR prefix shall not only fulfill the specific discipline-area within the CORE 42 framework, but will also fulfill any other requirements or pre-requisites that the course satisfies. For example, if a student were to take a psychology course with a MOTR prefix at the sending institution that also fulfills a major or pre-requisite requirement at the receiving institution, the sending institution's course will also meet those same requirements.

2. How was the CORE 42 developed?

SB 997 directed the Coordinating Board for Higher Education do develop a core curriculum with the assistance of an advisory committee comprised primarily of faculty. The Core Curriculum Advisory Committee (CCAC) included representatives from each public college and university.

The CCAC and MDHE staff developed a framework for the CORE 42 and identified courses to be considered as part of the core curriculum. Faculty Discipline Groups (FDGs), comprised of faculty from specific disciplines, reviewed course descriptions from each institution to determine which courses met the objectives of the CORE 42 course.

Throughout the process, the CCAC and MDHE staff engaged other faculty, chief academic officers, registrars and transfer coordinators, and chief executive officers.

3. Do Honors courses transfer?

Honors courses should transfer and fulfill requirements of the CORE 42. The decision to accept an Honors course as an Honors course will be at the discretion of the receiving institution.

4. SB 997 refers to "native" students and students enrolled in professional degree programs, both of whom are exempt from the provisions of the CORE 42. How will that work?

Native students are defined as students who have enrolled and attended only one institution and do not intend to transfer to another institution. For purposes of the CORE 42, students who earned dual credit while in high school will be considered native students. Per SB 997, the provisions of CORE 42 do not apply to native students.

Because of licensure or accreditation constraints, professional degree programs often have specific general education requirements. Students enrolled in such programs will take the recommended curriculum for their area of study.

As the CORE 42 is implemented, MDHE staff and the CCAC will work to develop clear pathways for students, including those enrolled in professional programs.

5. What does "at least 42 credit hours" mean?

As many of the courses included in the CORE 42 Framework are of varying credit hours lengths, it is nearly impossible to develop a course outline where the credits obtained equal exactly 42 credit hours. The "forty-two credit hour block" referred to in SB 997 is taken directly from the department's previous transfer policy that has been in effect since the mid-1990s. The previous policy did not delineate specific courses to be included in the framework, resulting in an infinite number of courses students could use to fulfill the requirements. By requiring the department to identify specific courses for equivalence, it created an additional task for managing courses of varying credit hour length (e.g. foreign language and sciences). The spirit of the law is to facilitate the seamless transfer of general education between institutions and reducing the need for students to "retake" coursework already completed at the sending institution.

6. What about students caught in the pipeline or the transitional phase of the core curriculum?

Credits accepted in transfer before August 1, 2018, will be determined by the receiving institution. Credits accepted August 1, 2018 and after will fall under the Core Curriculum Transfer Act.

7. **How are specific institutional requirements such as a PE credit requirement or an International credit requirement handled with the core curriculum?**

Specific institutional requirements are not included in the core curriculum. The only way specific institutional requirements would be able to be included in the core curriculum is if a class in the MTOR course library would work for the requirement.

8. **How will appeals or disputes be handled?**

The Committee on Transfer and Articulation is currently developing a detailed process for appeals, but the statute provides a clear framework. Per Senate Bill 997, if an institution of higher education does not accept course credit earned by a student at another public institution of higher education, that institution shall give written notice to the student and the other institution that the transfer of the course credit is denied. If the transfer dispute is not resolved to the satisfaction of the student or the institution at which the credit was earned within forty-five days after the date the student received written notice of the denial, the institution that denies the transfer of the course credit shall notify the commissioner of higher education of its denial and the reasons for the denial. The commissioner of higher education or his or her designee shall make the final determination about a dispute concerning the transfer of course credit and give written notice of the determination as to the involved student and institutions.

9. **I'm a student. What do I do if an institution won't accept my courses in transfer?**

The Core Curriculum is designed to work seamlessly between public institutions of higher education. If the receiving institution does not accept your courses in transfer, that institution must notify you and the sending institution that the transfer request has been denied. After this, the two institutions must work with you to settle any transfer disputes.

If the transfer dispute is not solved in a satisfactory manner, the receiving institution must notify the commissioner of higher education—within 45 days after the student received written notification that the transfer request was denied—must notify the commissioner that the request was denied and the reasons it was denied.

While this process will be used to settle disputes, MDHE will also be able to collect data on the kinds of disputes that occur, and to get a better idea of transfer practices in general; MDHE will use this data to identify bottlenecks and barriers to transfer and use this information to inform policy on transfer and articulation moving forward.

10. **Will new courses be added to the CORE 42? How will that happen?**

Yes. While a specific process has not been established, new courses can be suggested by institutions, followed by a review similar to what the Core Curriculum Advisory Committee (CCAC) has done throughout the initial round of course approvals. Faculty Discipline Groups (FDGs) will be utilized to evaluate courses to ensure they meet certain competencies and outcomes; institutional courses that meet these requirements will be approved and added to the core curriculum transfer library.

11. **How do the new Math Pathways fit in the Core Curriculum?**

The Math Pathways courses—Mathematical Reasoning & Modeling, Statistical Reasoning, Pre-Calculus Algebra, and Pre-Calculus—will fulfil the math requirement in the CORE 42.

12. A course at my institution has a different number of credit hours than the receiving institution? How will credit hour differences be handled in the CORE 42?

In some disciplines, particularly the sciences and foreign language, there are courses with three, four, and five credit hours proposed for equivalent transfer among institutions.

The Natural Sciences workgroup of the CCAC recommends 4 credit hours for all laboratory-based, lower-division general education MOTR science courses. This will require some institutions to adjust the credit hours assigned to laboratory-based, lower-division general education MOTR science courses.

The Humanities & Fine Arts workgroup of the CCAC recommends all MOTR foreign language courses carry 3 hours of transfer credit, with any additional credits hours applying as general credit toward the 42-hour minimum. There have been concerns raised about this approach, which the CCAC has not had a chance to resolve.

When a student fulfills the Core Curriculum at their sending institution, they will receive full credit at the receiving institution, regardless of the number of credit hours in equivalent classes at the receiving institution.

The Core Curriculum Advisory Committee will continue to study this issue, and will make recommendations for the standardization of credit hours in specific MOTR courses. Because this process needs further study, and significant time for implementation, standardized credit hours will not be required by the fall of 2018.

13. A student completed 12 credits in Humanities & Fine Arts, but the requirement is at least 9 credit hours. What happens to the other three credits?

Students have to complete a minimum of credits in each Knowledge Area. Credits earned beyond the minimum count toward the 42-hour minimum.