

## Concurrent Enrollment Course Offerings

Subject	Course	Title	Description	Pre-Requisite	Credit
ART	104	THEORY OF DESIGN AND COLOR	A studio course dealing with the elements and principles of design. Emphasis on two-dimensional composition, craftsmanship, expressive skills and color theory. Five hours per week, 1 lecture and 4 studio.	none	3
BAD	250	PERSONAL FINANCE	Factors affecting financial management and investment decisions of the individual	None	3
BED	208	INTEGRATED COMPUTER APPLICATIONS	Integrated applications of keyboarding functions including word processing, database, spreadsheets, presentation graphics, and other applications pertinent to business.	Ability to touch type.	
BIO	103	PRINCIPLES OF BIOLOGY	Introduction to basic concepts that are foundations of the life sciences. Three one-hour lectures. No laboratory. (Students who need a biology lab course should enroll concurrently in BIO 104L.)	none	3
BIO	104L	PRINCIPLES OF BIOLOGY LABORATORY	Hands-on investigations designed to reinforce basic concepts and principles common to the life sciences. Fulfills general education lab requirement. One two-hour laboratory.	Previously taken or concurrent enrollment in BIO 103 (or equivalent).	1
CHM	101/ 101L	GENERAL CHEMISTRY I	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	MAT 111 before or with this course.	4
CHM	102/ 102L	GENERAL CHEMISTRY II	A continuation of CHM 101. The laboratory work includes an introduction to semi-micro qualitative analysis. Three one-hour lectures and one three-hour laboratory.	CHM 101 and MAT 111	4
CS	103	INTRODUCTION TO MICROSOFT OFFICE APPLICATIONS.	An introduction to Microsoft Office Applications using windows operating system. This course is primarily designed for non-computer science majors. Students develop basic skills in operating system commands, and the use of Microsoft Office Applications; word processing, electronic spreadsheets database and electronic presentation using Power Point. This course may not be used to meet CS/CIS major requirements. Three hours of combined lecture and laboratory	none	3

CS	105	BUSINESS APPLICATIONS FOR THE MICROCOMPUTER.	CS/CIS majors receive hands-on skill development in the use of the Windows operating system, word processing, electronic spreadsheets, file and database management systems, graphics, and other common application packages used with the microcomputer. Three hours of combined lecture and laboratory	none	3
ENG	101	COMPOSITION AND RHETORIC I	A writing course that focuses on personal, descriptive, and narrative types of essay writing	ACT English sub-score of 18 or above or satisfactory performance on LU's English Placement Test	3
ENG	102	COMPOSITION AND RHETORIC II	A writing course that focuses on argumentative and persuasive writing, with a limited introduction to research and the fundamentals of literary analysis.	grade of "C" or higher in ENG 101	3
FRE	205	FRENCH II	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	a grade of "C" or better in French 105 or a satisfactory score on the placement test	5
HIS	101	WORLD CIVILIZATION I	Survey of major Western and non-Western civilizations from earliest times to 1650.	none	3
HIS	102	WORLD CIVILIZATION II	Survey of major Western and non-Western civilizations from 1650 to the present	none	3
HIS	205	UNITED STATES HISTORY I	Survey of political, economic, and social development of the United States to 1877 including the development of the Missouri and U.S. Constitutions	None	3
HIS	206	UNITED STATES HISTORY II	Survey of political, economic, and social development of the United States since 1877 including changes in the Missouri and U.S. Constitutions.	none	3
MAT	113	COLLEGE ALGEBRA	Study and graphing of polynomial, rational, logarithmic and exponential functions, matrices and determinants, and systems of equations and inequalities. Graphing calculator required	MAT 111 with a grade of "C" or better or satisfactory placement score	3
MAT	114	PLANE TRIGONOMETRY	A study of the trigonometric functions including graphing, identities, solutions of trigonometric equations and solution of triangles. Graphing calculator required	MAT 113 with a grade of "C" or better or satisfactory placement score	3

MAT	117	ELEMENTARY STATISTICS	Descriptive and inferential statistics including frequency distributions, measures of central tendency and variation, probability and sampling distributions, tests of hypothesis, confidence intervals, linear correlation and regression	111 with a grade of "C" or better or satisfactory placement score	3
MAT	121	PRECALCULUS MATHEMATICS	A unified course with the same content as MAT 113 and MAT 114. Graphics calculator required.	MAT 111 with a grade of "C" or better or satisfactory placement score.	5
MAT	123	CALCULUS I	Plane analytic geometry, functions, limits, continuity, differentiation and applications, antiderivatives, the definite integral, and logarithmic and exponential functions. Graphics calculator required	MAT 113 and MAT 114 or MAT 121 with a grade of "C" or better or satisfactory placement scores	5
MAT	203	CALCULUS II	Techniques and applications of integration; trigonometric functions; graphs with polar and rectangular coordinates, including conic sections, infinite series, plane, parametric and polar curves. Graphics calculator required	MAT 123 with a grade of "C" or better	5
PHY	101/ 101L	COLLEGE PHYSICS I	Course includes mechanics, heat, and sound. <b>Calculus not used.</b> Applications for the life sciences will be emphasized. Three two-hour activity-based classes with embedded labs.	MAT 111; MAT 113 or 121 recommended	4
PHY	102/ 102L	COLLEGE PHYSICS II	Continuation of PHY 101. Course includes electromagnetism, light and optics. Applications for the life sciences will be emphasized. Three two-hour activity-based classes with embedded labs.	PHY 101; MAT 114 or 121 recommended .	4
PSC	203	AMERICAN NATIONAL GOVERNMENT	Origin, development, structure, functions and problems of the national government. Special reference to recent trends and U.S. and Missouri Constitutions	ENG 101 or ENG 151H.	3
PSY	101	GENERAL PSYCHOLOGY	An introduction to psychology as the science of affect, behavior, and cognition focusing on the methods, concepts, and terminology of the field.	none	3
SPA	230	INTRODUCTION TO SPANISH COMPOSITION	This course integrates the semantic and syntactic knowledge acquired in SPA 105 and 205 to provide students with an introduction to thematic writing in the target language.	a grade of "C" or better in Spanish 205 or a satisfactory score on the placement test	3