

KAMS Course Title	KAMS Code	KCCMS Course Title	KCCMS Course Code
Human Biology	BIOL 100	Anatomy & Physiology	03099
Laboratory Experiences in Biology	BIOL 102L	Anatomy & Physiology	03099
Principles of Biology	BIOL 180	AP Biology	03056
Principles of Biology Lab	BIOL 180 L	AP Biology	03056* or 03099
Microbiology for Allied Health	BIOL 240	Microbiology	03060
Microbiology for Allied Health	BIOL 240 L	Microbiology	03060* or 03099
Medical Terminology	BIOL 245	Medical Terminology	14154
Human Heredity	BIOL 300	Biology - Other	03099
Problems in Biology Research	BIOL 471	**Research/Technical Writing	1105
General Chemistry I	CHEM 112	Chemistry	03149
General Chemistry Laboratory I	CHEM 112L	Chemistry	03149
UniversityChemistry I	CHEM 120	AP Chemistry	03106
UniversityChemistry I Lab	CHEM 120 L	AP Chemistry	03106* or 03199
UniversityChemistry II	CHEM 122	AP Chemistry	03102
University Chemistry II Lab	CHEM 122 L	AP Chemistry	03102* or 03199
Organic Chemistry I	CHEM340	Organic Chemistry	03103 (1 of 2)
Organic Chemistry I Lab	CHEM 340 L	Organic Chemistry	03103* or 03199
Organic Chemistry II	CHEM 342	Organic Chemistry	03103 (2 of 2)
Fundamentals of Oral Communication	COMM 100	Public Speaking	01151
Computer Science I	CSCI 261	Computer Programming	10152
Theory & Practice of Personal Finance	ECFI 205	Finance	12103
English Composition I	ENG 101	Composition	01103
English Composition II	ENG 202	AP English Language and Composition	01005
Intro to Creative Writing	ENG 164	Creative Writing	01104
Topics/Geosciences: Early College Research Seminar	GSCI 357	Seminar	22106
Problems in Geosciences: Earth, Space, Science, Resources & Writing	GSCI 637 G	**Research/Technical Writing	**01105
Self Defense	HHP 109	Self-Defense	08012
Personal Fitness I	HHP 128	Fitness/Conditioning Activities	08005
Special Activities in HHP: Aikido	HHP 180 H	Physical Education Other	08049
Introduction to Lifetime Sports	HHP 260	Lifetime Fitness Education	08016
U.S. History Before 1877	HIST 130	AP U.S. History	04104

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U.S. History After 1877	HIST 131	AP U.S. History	04104
Global Challenges	ISD 407	Contemporary World Issues	04064
Colloquia	LDRS 120	Leadership	22101
College Algebra	MATH 110	Algebra III	02057
Pre-Calculus Mathematics	Math 130	Pre-Calculus	02110
Analytic Geometry and Calculus I	Math 234	Calculus	02121
Analytic Geometry and Calculus II	Math 235	Differential Calculus	02123
Analytic Geometry and Calculus III	Math 236	Math Analysis/Analytic Geometry	2108
Elements of Statistics	MATH 250	Statistics - Other	02209
Calculus Methods	MATH 331	Calculus	02121
Differential Equations	MATH 354	Differential Calculus	02123
Intro to CIS	MIS 101	Information Management	10051
Beginning Spanish II	MLNG226	Spanish III	06103
Beginning Chinese II	MLNG232	Chinese III	06403
Intermediate Spanish I	MLNG 325	Spanish III	06103
Intermediate Spanish II	MLNG 326	Spanish IV	06104
TPS/Foreign Lang: Intro to Brazilian Portuguese	MLNG 390	Foreign Language and Literature	06999
TPS/Foreign Language: Contemporary	MLNG 390	Germanic Language - Other	06249
Spanish Conversational Skills	MLNG 427	Spanish Conversation & Culture	06108
Spanish Conversation and Reading II	MLNG 430	Foreign Language and Literature-Other	06999
Women's Chorale	MUS 332	Vocal Ensemble	05111
Symphonic Band/Wind Ensemble	MUS 602	Instrumental Ensembles	05106
Hays Symphony	MUS 603	Music-Other	05149
Introduction to Philosophy	PHIL 120	Philosophy	04306
Physics I	PHYS 111	Physical Science	03199
Physics I Laboratory	PHYS 111L	Physical Science	03199
Physics for Scientists and Engineers I	PHYS 211	Physical Science	03159 (1 of 2)
Physics for Scientists and Engineers I Lab	PHYS 211 L	Physical Science	03159* or 03199
Physics for Scientists and Engineers II	PHYS 212	Physical Science	03159 (2 of 2)
Physics for Scientists and Engineers II Lab	PHYS 212 L	Physical Science	03159* or 03199
Projects I	PHYS 603	Physics Independent Study	3197

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American Government	POLS 101	AP U.S. Government and Politics	04157
Introduction to Public Policy	POLS 180	Public Policy	15203
General Counseling	PSY 100	Psychology	04254
Introduction to Cognitive Psychology	PSY 334	Particular Topics in Psychology	04255
Independent Studies in Psych I	PSY474	**Research/Technical Writing	**01105
Sociology of Sex Roles	SOC 343	Particular Topics in Sociology	04259
Sociology of Death and Dying	SOC 355	Particular Topics in Sociology	04259
Robotics: Engineering Problem Solving	TECS 375	Robotics	21009
Foundations of Education	TEEL 202	Teaching as a Career	19155
*Because high school lab is usually part of the course, the course number could be the same; however schools can use the "other" codes in order to distinguish the courses if so desired.			
**Research classes fall under language arts credits per FHSU.			
<p>Dept Research and Writing: "Research conducted in a departmental area with guidance from a faculty member. KAMS students begin the research process no later than the fall semester of their senior year. Students are required to complete four credit hours over two semesters to complete the KAMS curriculum. They are required to present their research and subsequent findings in a public format. Students may utilize the Kansas Regional Science and Engineering Fair, Junior Academy of Science, Kansas BioGENEius Challenge, FHSU Research and Creative Activities Week, and other professional organizations which meet the presentation requirement. The course number will vary depending on the department. This course is equivalent to a half unit of English Language Arts." KAMS Web site: http://www.fhsu.edu/kams/ Course Syllabus Search: http://webapps.fhsu.edu/OnlineSyllabus/ Course Schedule: https://tigertracks.fhsu.edu (click "Course Schedule" tab)</p>			
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