Health Information Systems

Health Information Systems Program

This program prepares the learner to provide user support for health information systems and design and deliver training programs to employees in clinical and public health settings.

The certificate program will provide students with the knowledge and skills to assist healthcare providers in designing workflow and utilizing electronic health records (EHRs) and other technologies to meet government quality reporting standards and quality improvement initiatives.

The two-year Associate degree expands upon the certificate program and opens the door to transfer and career advancement opportunities.

Health Information Systems Specialist Certificate

The 27-hour certificate prepares students to provide user support for health information systems and design and deliver training programs to employees in clinical and public health settings. Students develop the knowledge and skills to assist healthcare providers in designing workflows and using electronic health records (EHR) to meet government standards of quality reporting and improvement initiatives.

Health Information Specialist Certificate (https://catalog.jccc.edu/degreecertificates/healthinformationsystems/health-info-systems-specialist-cert/)

Students train in simulated environments developed by Oracle Cerner, the nation's leader in health information, and EHR technology. Oracle Cerner's products are in use at more than 27,500 facilities worldwide.

Students learn to:

- Monitor electronic health record (EHR) functionality and usability
- Create, analyze, and secure health information and health data
- Configure, implement and maintain health information technologies
- Deliver training to adult learners
- Analyze and redesign healthcare workflows
- Use correct medical terminology
- Build your résumé with an internship and/or mentorship that will give you real-world experience

Associate of Arts and Associate of Science

Earn an Associate of Arts (https://catalog.jccc.edu/degreerequirements/associate-arts/) and an Associate of Science (https://catalog.jccc.edu/degreerequirements/associate-science/) degree by adding KS Systemwide General Education to the certificate requirements.

HCIS Certificate Requirements

Code	Title	Hours
HCIS 225	Healthcare Data Analytics	2
HCIS 235	Care Coordination and Interoperable Health IT Systems	2
HCIS 245	Population Health	2
HCIS 255	Technology Concepts and Cybersecurity in Healthcare	2
HCIS 262	Customer Service in the Health Environment	2
HCIS 263	Working with Health Information Technology (HIT) Systems	2
HCIS 264	Configuration and Implementation of Electronic Health Records	2
HCIS 265	Installation and Maintenance of Health IT Systems	2
HCIS 267	EHR Design, Functionality and Usability	3
HCIS 270	Health Information Systems Internship*	2
or HCIS 271	The Culture of Healthcare	
HCIS 272	Terminology in Health Care Settings	2
HCIS 273	Quality Improvement in Healthcare	2
HCIS 274	Healthcare Workflow Analysis and Redesign	2
or HCIS 277	Training and Instructional Design	
Total Hours		**27**

Kansas Systemwide General Education Requirements

English (6 hrs.)

Code	Title	Hours
ENGL 121	Composition I*	3
ENGL 122	Composition II*	3

Communications (3 hrs.)

Code	Title	Hours
3 hours required from the following courses:		
COMS 120	Interpersonal Communication	3
or COMS 121	Public Speaking	
or COMS 125	Personal Communication	

Math and Statistics (3 hrs.)

Code	Title	Hours
MATH 165	Finite Mathematics*	3
MATH 171	College Algebra*	3
MATH 172	Trigonometry*	3
MATH 173	Precalculus*	5
MATH 175	Discrete Mathematics and its Applications*	3
MATH 181	Statistics*	3
MATH 231	Business and Applied Calculus I*	3
MATH 232	Business and Applied Calculus II*	3
MATH 241	Calculus I*	5
MATH 242	Calculus II*	5
MATH 243	Calculus III*	5
MATH 254	Differential Equations*	4
MATH 285	Statistics for Business*	4

Natural and Physical Sciences (4-5 hrs.)

Code	Title	Hours
Minimum 4 hours of a lab science required from the following courses:		
Natural Science		
BIOL 121	Introductory Biology for Non-Majors	4
BIOL 125	General Botany	5
BIOL 127	General Zoology	5
BIOL 135	Principles of Cell and Molecular Biology	4
BIOL 140	Human Anatomy	4
BIOL 144	Human Anatomy and Physiology*	5
BIOL 150	Biology of Organisms*	5
BIOL 161	Introduction to Biotechnology	4
BIOL 225	Human Physiology*	4
BIOL 230	Microbiology*	3
BIOL 231	Microbiology Lab*	2
EVRN 130	Environmental Science	3
EVRN 131	Environmental Science Lab*	1
Physical Science		
ASTR 122	Astronomy	4
CHEM 120	Chemistry in Society*	4
CHEM 122	Principles of Chemistry*	5
CHEM 124	General Chemistry I Lecture*	4
CHEM 125	General Chemistry I Lab*	1

CHEM 131	General Chemistry II Lecture*	4
CHEM 132	General Chemistry II Lab*	1
CHEM 140	Principles of Organic & Biological Chemistry*	5
GEOS 130	General Geology	5
GEOS 140	Physical Geography	3
GEOS 141	Physical Geography Lab*	2
PHYS 130	College Physics I*	5
PHYS 131	College Physics II*	5
PHYS 220	Engineering Physics I*	5
PHYS 221	Engineering Physics II*	5
PSCI 120	Physical Science	4

Social and Behavioral Sciences (6 hrs.)

Code	Title	Hours
6 hours required from two subject areas:		
Anthropology		
ANTH 125	Cultural Anthropology ±	3
ANTH 126	Physical Anthropology	3
ANTH 130	World Cultures ±	3
ANTH 142	World Prehistory ±	3
ANTH 165	Linguistic Anthropology ±	3
Criminal Justice		
CJ 121	Introduction to Criminal Justice System	3
CJ 141	Criminal Law	3
CJ 223	International Criminal Justice Systems ±	3
Economics		
ECON 132	Survey of Economics	3
ECON 230	Principles of Macroeconomics	3
ECON 231	Principles of Microeconomics	3
Geography		
GEOS 145	World Regional Geography ±	3
GEOS 155	Human Geography ±	3
Legal Studies		
LAW 120	Introduction to Paralegal Studies	3
LAW 121	Introduction to Law	3
Political Science		
POLS 122	Political Science	3
POLS 124	American National Government	3
POLS 126	State and Local Government	3
POLS 132	Introduction to Comparative Government ±	3
POLS 135	International Relations ±	3
POLS 175	Environmental Policy and Law	3
POLS 192	Political Theory ±	3
POLS 200	Model United Nations ±	3
POLS 220	Introduction to Public Policy	3
POLS 245	Introduction to Public Administration	3
Psychology		
PSYC 121	Applied Psychology	3
PSYC 130	Introduction to Psychology	3
PSYC 215	Child Development*	3
PSYC 218	Human Development*	3
Sociology		

SOC 122	Introduction to Sociology [±]	3
SOC 125	Social Problems [±]	3
SOC 131	Sociology of Families	3
SOC 146	Introduction to Social Work and Social Welfare [±]	3
Women and Gender Studies		
WGS 201	Global Women's Studies [±]	3

Arts and Humanities (6 hrs.)

Code	Title	Hours
6 hours required from two subject areas:		
Art History		
ARTH 180	Art History: Ancient to Medieval [±]	3
ARTH 182	Art History: Renaissance to Modern	3
ARTH 184	Art History: Twentieth Century [±]	3
ARTH 188	History of Photography	3
ARTH 200	Women, Art, and Society [±]	3
English		
English (Literature)		
ENGL 130	Introduction to Literature*	3
ENGL 214	Environmental Literature*	3
ENGL 215	U.S. Latino and Latina Literature* [±]	3
ENGL 217	Literature by Women* [±]	3
ENGL 227	Introduction to Poetry*	3
ENGL 230	Introduction to Fiction*	3
ENGL 232	Children's Literature* [±]	3
ENGL 235	Drama as Literature*	3
ENGL 236	British Literature to 1800*	3
ENGL 237	British Literature after 1800*	3
ENGL 246	American Literature I*	3
ENGL 247	American Literature II*	3
ENGL 254	Masterpieces of the Cinema*	3
English (Writing)		
ENGL 123	Technical Writing I*	3
ENGL 140	Writing for Interactive Media*	3
ENGL 222	Advanced Composition: The Art of the Essay*	3
ENGL 223	Introduction to Creative Writing*	3
Communications		
COMS 180	Intercultural Communication	3
Film and Media Studies		
FMS 100	Intro to Film	3
FMS 200	Intro to Filmmaking and Media Aesthetics	3
Foreign Languages		
FL 120	Elementary German I [±]	5
FL 121	Elementary German II* [±]	5
FL 130	Elementary Spanish I [±]	5
FL 131	Elementary Spanish II* [±]	5
FL 140	Elementary French I [±]	5
FL 141	Elementary French II* [±]	5
FL 165	Elementary Chinese I [±]	5
FL 166	Elementary Chinese II* [±]	5
FL 170	Elementary Japanese I [±]	5
FL 171	Elementary Japanese II* [±]	5

FL 182	Intermediate Japanese I* ±	5
FL 183	Intermediate Japanese II* ±	5
FL 192	Intermediate Chinese I* ±	3
FL 193	Intermediate Chinese II* ±	3
FL 220	Intermediate German I* ±	3
FL 221	Intermediate German II* ±	3
FL 230	Intermediate Spanish I* ±	3
FL 231	Intermediate Spanish II* ±	3
FL 240	Intermediate French I* ±	3
FL 241	Intermediate French II* ±	3
History		
HIST 120	Local and Kansas History ±	3
HIST 125	Western Civilization: Ancient World to the Renaissance	3
HIST 126	Western Civilization: Scientific Revolution to the Modern Age	3
HIST 128	Medieval History ±	3
HIST 129	Early Modern Europe 1500-1789	3
HIST 130	European History Since 1789	3
HIST 132	History of Africa ±	3
HIST 135	Eastern Civilization ±	3
HIST 137	African American History ±	3
HIST 140	U.S. History to 1877	3
HIST 141	U.S. History Since 1877	3
HIST 143	Ancient Greece, the Near East and Egypt ±	3
HIST 145	History of Ancient Rome ±	3
HIST 149	History of India ±	3
HIST 151	World History: Traditional ±	3
HIST 152	World History: Modern World ±	3
HIST 160	Modern Russian History ±	3
HIST 162	Modern Latin America ±	3
HIST 165	History of China ±	3
HIST 167	Introduction to History: Japan ±	3
HIST 180	North American Indian History ±	3
HIST 195	History of the Middle East ±	3
HIST 210	Environmental History of North America	3
HIST 250	American West	3
HIST 260	Women in U.S. History ±	3
Humanities		
HUM 122	Introduction to Humanities	3
HUM 145	World Humanities: Ancient to Medieval ±	3
HUM 146	World Humanities: Renaissance to Modern ±	3
HUM 155	Classical Mythology	3
HUM 156	Contemporary Approaches to World Mythology ±	3
HUM 165	Introduction to Chinese Culture	3
HUM 167	Introduction to Japanese Culture ±	3
Journalism		
JOUR 120	Mass Media and Society	3
Music		
MUS 121	Introduction to Music Listening	3
MUS 125	Introduction to Jazz Listening	3
MUS 126	Introduction to World Music ±	3
MUS 128	History of Rock and Roll Music ±	3
Philosophy		

PHIL 121	Introduction to Philosophy	3
PHIL 124	Logic and Critical Thinking	3
PHIL 128	Environmental Ethics	3
PHIL 130	Food Ethics	3
PHIL 143	Ethics	3
PHIL 154	History of Ancient Philosophy	3
PHIL 176	Philosophy of Religion	3
Photography		
PHOT 200	Foundations in Photography	3
Religion		
REL 120	Exploring World Religions [±]	3
REL 125	Asian Religions [±]	3
REL 126	Religions of the West [±]	3
Theater		
THEA 120	Introduction to Theater	3

Cavalier Credits (6 hrs.)

Code	Title	Hours
Communications		
COMS 120	Interpersonal Communication	3
COMS 121	Public Speaking	3
COMS 125	Personal Communication	3
COMS 180	Intercultural Communication [±]	3
Math and Statistics		
MATH 165	Finite Mathematics*	3
MATH 171	College Algebra*	3
MATH 172	Trigonometry*	3
MATH 173	Precalculus*	5
MATH 175	Discrete Mathematics and its Applications*	3
MATH 181	Statistics*	3
MATH 231	Business and Applied Calculus I*	3
MATH 232	Business and Applied Calculus II*	3
MATH 241	Calculus I*	5
MATH 242	Calculus II*	5
MATH 243	Calculus III*	5
MATH 254	Differential Equations*	4
MATH 285	Statistics for Business*	4
Natural and Physical Sciences		
Natural Science		
BIOL 121	Introductory Biology for Non-Majors	4
BIOL 125	General Botany	5
BIOL 127	General Zoology	5
BIOL 135	Principles of Cell and Molecular Biology	4
BIOL 140	Human Anatomy	4
BIOL 144	Human Anatomy and Physiology*	5
BIOL 150	Biology of Organisms*	5
BIOL 161	Introduction to Biotechnology	4
BIOL 225	Human Physiology*	4
BIOL 230	Microbiology*	3
BIOL 231	Microbiology Lab*	2
EVRN 124	Oceanus: Essentials of Oceanography (non-lab science)	3
EVRN 130	Environmental Science	3

EVRN 131	Environmental Science Lab*	1
EVRN 134	Principles of Sustainability (non-lab science)	3
Physical Science		
ASTR 120	Fundamentals of Astronomy (non-lab science)	3
ASTR 122	Astronomy	4
CHEM 120	Chemistry in Society*	4
CHEM 122	Principles of Chemistry*	5
CHEM 124	General Chemistry I Lecture*	4
CHEM 125	General Chemistry I Lab*	1
CHEM 131	General Chemistry II Lecture*	4
CHEM 132	General Chemistry II Lab*	1
CHEM 140	Principles of Organic & Biological Chemistry*	5
ENGR 121	Engineering Orientation	2
GEOS 130	General Geology	5
GEOS 140	Physical Geography	3
GEOS 141	Physical Geography Lab*	2
PHYS 130	College Physics I*	5
PHYS 131	College Physics II*	5
PHYS 220	Engineering Physics I*	5
PHYS 221	Engineering Physics II*	5
PSCI 120	Physical Science	4
Social and Behavioral Sciences		
Anthropology		
ANTH 125	Cultural Anthropology [±]	3
ANTH 126	Physical Anthropology	3
ANTH 130	World Cultures [±]	3
ANTH 142	World Prehistory [±]	3
ANTH 165	Linguistic Anthropology [±]	3
Criminal Justice		
CJ 121	Introduction to Criminal Justice System	3
CJ 141	Criminal Law	3
CJ 223	International Criminal Justice Systems [±]	3
Economics		
ECON 132	Survey of Economics	3
ECON 230	Principles of Macroeconomics	3
ECON 231	Principles of Microeconomics	3
Geography		
GEOS 145	World Regional Geography	3
GEOS 155	Human Geography	3
Legal Studies		
LAW 120	Introduction to Paralegal Studies	3
LAW 121	Introduction to Law	3
Political Science		
POLS 122	Political Science	3
POLS 124	American National Government	3
POLS 126	State and Local Government	3
POLS 132	Introduction to Comparative Government [±]	3
POLS 135	International Relations [±]	3
POLS 175	Environmental Policy and Law	3
POLS 192	Political Theory [±]	3
POLS 200	Model United Nations [±]	3
POLS 220	Introduction to Public Policy	3

POLS 245	Introduction to Public Administration	3
Psychology		
PSYC 121	Applied Psychology	3
PSYC 130	Introduction to Psychology	3
PSYC 215	Child Development*	3
PSYC 218	Human Development*	3
Sociology		
SOC 122	Introduction to Sociology $^\pm$	3
SOC 125	Social Problems $^\pm$	3
SOC 131	Sociology of Families	3
SOC 146	Introduction to Social Work and Social Welfare $^\pm$	3
Women and Gender Studies		
WGS 201	Global Women's Studies $^\pm$	3
Arts and Humanities		
Art History		
ARTH 180	Art History: Ancient to Medieval $^\pm$	3
ARTH 182	Art History: Renaissance to Modern	3
ARTH 184	Art History: Twentieth Century $^\pm$	3
ARTH 188	History of Photography	3
ARTH 200	Women, Art, and Society $^\pm$	3
English		
English (Literature)		
ENGL 130	Introduction to Literature*	3
ENGL 214	Environmental Literature*	3
ENGL 215	U.S. Latino and Latina Literature* $^\pm$	3
ENGL 217	Literature by Women* $^\pm$	3
ENGL 227	Introduction to Poetry*	3
ENGL 230	Introduction to Fiction*	3
ENGL 232	Children's Literature* $^\pm$	3
ENGL 235	Drama as Literature*	3
ENGL 236	British Literature to 1800*	3
ENGL 237	British Literature after 1800*	3
ENGL 246	American Literature I*	3
ENGL 247	American Literature II*	3
ENGL 254	Masterpieces of the Cinema*	3
English (Writing)		
ENGL 123	Technical Writing I*	3
ENGL 140	Writing for Interactive Media*	3
ENGL 222	Advanced Composition: The Art of the Essay*	3
ENGL 223	Introduction to Creative Writing*	3
Film and Media Studies		
FMS 100	Intro to Film $^\pm$	3
FMS 200	Intro to Filmmaking and Media Aesthetics $^\pm$	3
Foreign Languages		
FL 120	Elementary German I $^\pm$	5
FL 121	Elementary German II* $^\pm$	5
FL 130	Elementary Spanish I $^\pm$	5
FL 131	Elementary Spanish II* $^\pm$	5
FL 140	Elementary French I $^\pm$	5
FL 141	Elementary French II* $^\pm$	5
FL 165	Elementary Chinese I $^\pm$	5
FL 166	Elementary Chinese II* $^\pm$	5

FL 170	Elementary Japanese I $^{\pm}$	5
FL 171	Elementary Japanese II* $^{\pm}$	5
FL 182	Intermediate Japanese I* $^{\pm}$	5
FL 183	Intermediate Japanese II* $^{\pm}$	5
FL 192	Intermediate Chinese I* $^{\pm}$	3
FL 193	Intermediate Chinese II* $^{\pm}$	3
FL 220	Intermediate German I* $^{\pm}$	3
FL 221	Intermediate German II* $^{\pm}$	3
FL 230	Intermediate Spanish I* $^{\pm}$	3
FL 231	Intermediate Spanish II* $^{\pm}$	3
FL 240	Intermediate French I* $^{\pm}$	3
FL 241	Intermediate French II* $^{\pm}$	3
History		
HIST 120	Local and Kansas History $^{\pm}$	3
HIST 125	Western Civilization: Ancient World to the Renaissance	3
HIST 126	Western Civilization: Scientific Revolution to the Modern Age	3
HIST 128	Medieval History $^{\pm}$	3
HIST 129	Early Modern Europe 1500-1789	3
HIST 130	European History Since 1789	3
HIST 132	History of Africa $^{\pm}$	3
HIST 135	Eastern Civilization $^{\pm}$	3
HIST 137	African American History $^{\pm}$	3
HIST 140	U.S. History to 1877	3
HIST 141	U.S. History Since 1877	3
HIST 143	Ancient Greece, the Near East and Egypt $^{\pm}$	3
HIST 145	History of Ancient Rome $^{\pm}$	3
HIST 149	History of India $^{\pm}$	3
HIST 151	World History: Traditional $^{\pm}$	3
HIST 152	World History: Modern World $^{\pm}$	3
HIST 160	Modern Russian History $^{\pm}$	3
HIST 162	Modern Latin America $^{\pm}$	3
HIST 165	History of China $^{\pm}$	3
HIST 167	Introduction to History: Japan $^{\pm}$	3
HIST 180	North American Indian History $^{\pm}$	3
HIST 195	History of the Middle East $^{\pm}$	3
HIST 210	Environmental History of North America	3
HIST 250	American West	3
HIST 260	Women in U.S. History $^{\pm}$	3
Humanities		
HUM 122	Introduction to Humanities	3
HUM 145	World Humanities: Ancient to Medieval $^{\pm}$	3
HUM 146	World Humanities: Renaissance to Modern $^{\pm}$	3
HUM 155	Classical Mythology	3
HUM 156	Contemporary Approaches to World Mythology $^{\pm}$	3
HUM 165	Introduction to Chinese Culture	3
HUM 167	Introduction to Japanese Culture $^{\pm}$	3
Journalism		
JOUR 120	Mass Media and Society	3
Music		
MUS 121	Introduction to Music Listening	3
MUS 125	Introduction to Jazz Listening	3
MUS 126	Introduction to World Music $^{\pm}$	3

MUS 128	History of Rock and Roll Music [±]	3
Philosophy		
PHIL 121	Introduction to Philosophy	3
PHIL 124	Logic and Critical Thinking	3
PHIL 128	Environmental Ethics	3
PHIL 130	Food Ethics	3
PHIL 143	Ethics	3
PHIL 154	History of Ancient Philosophy	3
PHIL 176	Philosophy of Religion	3
Photography		
PHOT 200	Foundations in Photography	3
Religion		
REL 120	Exploring World Religions [±]	3
REL 125	Asian Religions [±]	3
REL 126	Religions of the West [±]	3
Theater		
THEA 120	Introduction to Theater	3

General Education Hours: 34-35

Total Hours: 60

* This course has registration requirements.

± This course fulfills JCCC's Cultural Diversity requirement for the AA, AFA, and AS degrees.

Transfer Information

JCCC HCIS course transfer information by university. Visit JCCC Transfer Services (https://www.jccc.edu/student-resources/transfer/) for more information and transfer resources.

Avila

All HCIS courses transfer as general elective credit.

Cleveland University

Code	Title	Hours
HCIS 272	Terminology in Health Care Settings (HSCI 102 Health Science Terminology)	2

Emporia State

Code	Title	Hours
HCIS 262	Customer Service in the Health Environment (FREE 200T4 Free Elective)	2
HCIS 271	The Culture of Healthcare (FREE 200T3 Free Elective)	2
HCIS 272	Terminology in Health Care Settings (FREE 200T Free Elective)	2

Graceland University

Code	Title	Hours
HCIS 272	Terminology in Health Care Settings (ATHT 2500 Medical Terminology)	2

Kansas State University

Code	Title	Hours
HCIS 263	Working with Health Information Technology (HIT) Systems (FNDH 1** Food, Nutrition, Dietetics, and Health Elective)	2

Missouri State University

Code	Title	Hours
HCIS 255	Technology Concepts and Cybersecurity in Healthcare (ITC 000 Info Tech & Cybersec Elect-Lower)	2
HCIS 263	Working with Health Information Technology (HIT) Systems (ITC 000 Info Tech & Cybersec Elect-Lower)	2
HCIS 271	The Culture of Healthcare (NUR 000 Nursing Elective-Lower Div)	2
HCIS 272	Terminology in Health Care Settings (LLT 102 Medical Terminology)	2

Missouri University of Science and Technology

Code	Title	Hours
HCIS 263	Working with Health Information Technology (HIT) Systems (GNCR 2630 General Credit)	2
HCIS 272	Terminology in Health Care Settings (GNCR 2720 General Credit)	2

Northwest Missouri State University

Code	Title	Hours
HCIS 263	Working with Health Information Technology (HIT) Systems (HPER 22920 Lower-Level Health & P/E Elective)	2
HCIS 272	Terminology in Health Care Settings (BIOL 04104 Medical Terminology)	2

Park University

Code	Title	Hours
HCIS 255	Technology Concepts and Cybersecurity in Healthcare (CS 000 Computer Science Elective – Lower Division)	2

Rockhurst University

Code	Title	Hours
HCIS 262	Customer Service in the Health Environment (EL 2J62 Elective)	2
HCIS 263	Working with Health Information Technology (HIT) Systems (EL 2J63 Elective)	2
HCIS 271	The Culture of Healthcare (HLTH 2J71 Health Elective)	2
HCIS 272	Terminology in Health Care Settings (EL 2J72 Elective)	2

University of Arkansas

Code	Title	Hours
HCIS 264	Configuration and Implementation of Electronic Health Records (ISYS 299T ISYS Transfer Course)	2
HCIS 271	The Culture of Healthcare (PBHL 199T PBHL Transfer Course)	2
HCIS 273	Quality Improvement in Healthcare (PBHL 2663 Terminology for Health Profess.)	2

University of Kansas

Code	Title	Hours
HCIS 225	Healthcare Data Analytics (HMGT U Healthcare Data Analytics)	2
HCIS 271	The Culture of Healthcare (HSCI U The Culture of Healthcare)	2
HCIS 272	Terminology in Health Care Settings (HSES U Terminology Health Care Set)	2

University of Missouri - KC

Code	Title	Hours
HCIS 255	Technology Concepts and Cybersecurity in Healthcare (COMP-SCI 1EA Computer Science Elective)	2
HCIS 272	Terminology in Health Care Settings (NURSE 125 Medical Terminology)	2

University of Saint Mary

Code	Title	Hours
HCIS 255	Technology Concepts and Cybersecurity in Healthcare (HIMLLEL Lower Level Elective)	2
HCIS 262	Customer Service in the Health Environment (HIMLLEL Lower Level Elective)	2
HCIS 263	Working with Health Information Technology (HIT) Systems (HIMLLEL Lower Level Elective)	2

Code	Title	Hours
HCIS 264	Configuration and Implementation of Electronic Health Records (HIMLLEL Lower Level Elective)	2
HCIS 265	Installation and Maintenance of Health IT Systems (HIMLLEL Lower Level Elective)	2
HCIS 267	EHR Design, Functionality and Usability (HIMLLEL Lower Level Elective)	3
HCIS 270	Health Information Systems Internship* (HIMLLEL Lower Level Elective)	2
or HCIS 271	The Culture of Healthcare	
HCIS 272	Terminology in Health Care Settings (HIMLLEL Lower Level Elective)	2
HCIS 273	Quality Improvement in Healthcare (HIMLLEL Lower Level Elective)	2
HCIS 274	Healthcare Workflow Analysis and Redesign (HIMLLEL Lower Level Elective)	2
or HCIS 277	Training and Instructional Design	

Washburn University

Code	Title	Hours
HCIS 255	Technology Concepts and Cybersecurity in Healthcare (EL 1XX Lower Division/Freshman Level Elective)	2
HCIS 262	Customer Service in the Health Environment (EL 1XX Lower Division/Freshman Level Elective)	2
HCIS 263	Working with Health Information Technology (HIT) Systems (EL 1XX Lower Division/Freshman Level Elective)	2
HCIS 264	Configuration and Implementation of Electronic Health Records (EL 1XX Lower Division/Freshman Level Elective)	2
HCIS 265	Installation and Maintenance of Health IT Systems (EL 1XX Lower Division/Freshman Level Elective)	2
HCIS 267	EHR Design, Functionality and Usability (EL 1XX Lower Division/Freshman Level Elective)	3
HCIS 270	Health Information Systems Internship* (EL 1XX Lower Division/Freshman Level Elective)	2
or HCIS 271	The Culture of Healthcare	
HCIS 272	Terminology in Health Care Settings (EL 1XX Lower Division/Freshman Level Elective)	2
HCIS 273	Quality Improvement in Healthcare (EL 1XX Lower Division/Freshman Level Elective)	2
HCIS 274	Healthcare Workflow Analysis and Redesign (EL 1XX Lower Division/Freshman Level Elective)	2
or HCIS 277	Training and Instructional Design	

*   This course has registration requirements.

It is the STUDENT'S RESPONSIBILITY to check for updates to all transfer information. This transfer guide is provided as a service and is updated as needed. Degree requirements at the four-year colleges are subject to change by those institutions. To ensure you have the most accurate information about the program, you must meet with an advisor at the transfer institution.