Johnson County Community College — Missouri S&T Computer Science BS Transfer Guide Effective as of Fall 2024

<u>J</u>	ohnson County Community College			Missouri S&T	
		ommun	ication Skills		
NGL 121	Composition I	Take a	all courses. ENGLISH 1120	Exposition and Argumentation	3
NGL 122	Composition II	3	ENGLISH 1160	Writing and Research	3
OMS 121	Public Speaking	3 9	SPMS 1185	Principles of Speech Total Hours	3
	Total Hours Computer Scie		athematics, and Scie		5
	- Computer Series		all courses.	Tice	
210 or	Discrete Structures I or	3	CS 1200	Discrete Mathematics for Computer Science	
211 235 or	Discrete Structures II Object-Oriented Programming Using C++ or	J	CS 1500* or	Computational Problem Solving* (preferred) or	
S 235 OF S 250 or S 200*	Basic Data Structures using C++ or Concepts of Programming Algorithms Using C++*	4	CS 1500* or CS 1500* or CS 1971,1981*	Intro to Programming Methodology and Lab* *CS 1500 is preferred; CS 1971,1981 will be accepted in lieu of CS 1500 if	3
ATH 241 and	Calculus I and	40	MATH 1214 and	necessary. Calculus I and	
ATH 242	Calculus II	10	MATH 1215	Calculus II	3
ATH 246 HYS 220	Elementary Linear Algebra Engineering Physics I	3 5	MATH 3108	Linear Algebra	3
HYS 220 HYS 221	Engineering Physics I Engineering Physics II	5	PHYSICS 1135 PHYSICS 2135	Engineering Physics I Engineering Physics II	4
HEM 124, 125 or	General Chemistry I and Lab (5) or	5	CHEM 1310, 1319 or	General Chemistry I (4) and Lab (1) or	
IOL 121 or	Intro to Biology for Non-Majors (4) or		BIO SCI 1113, 1219 or	General Biology (3) and Lab (1) or	
IOL 135 or	Principles of Cell and Molecular Biology (4) or	4	BIO SCI 2213, 2219 or	Cell Biology (3) and Lab (1) or	
IOL 127 or IOL 125	General Zoology (5) or General Botony (5)	4	BIO SCI 2353, 2359 or BIO SCI 2383, 2389	Zoology (3) and Lab (1) or Plant Biology (3) and Lab (1)	
OE 120	Ochoral Botony (o)		DIO 001 2000,	Satisfies the 5-hour science lecture/lab requirement. Credit hours apply to	
	Total Hours	34		degree totals as indicated for each course. Total Hours	3
			Science Electives		
Select up to	6 hours in engineering/science electives not already used			ent See Approved Science and Engineering Electives at	
ocicot ap to			y another degree requireme /undergraduate-degree/	ent. See Approved Science and Engineering Licoth so ac-	
				Calculus III (4) or	
IATH 243 or IATH 254	Calculus III (5) or Differential Equations (4)	4	MATH 2222 or MATH 3304	Elementary Differential Equations (3) Or other math 2000-level or higher or Any statistics 4000-level or higher Satisfies the 3-hour science lecture/lab requirement. Credit hours apply to degree totals as indicated for each course.	;
NGR 251 or NGR 254	Statics or Dynamics	3	CIV ENG 2200 or MECH ENG 2350	Statics or Engineering Mechanics-Dynamics (2) or Or other course with the equivalent of a Missouri S&T engineering designation.	
	Any biology, chemistry, geology, or environmental	^	0	Any biology, chemistry, geology, or environmental	
cience	science. Any physics excluding the equivalent of S&T PHYS	3	Science	science. Any physics excluding the equivalent of S&T PHYS	
hysics	2111, 2119, 2135, and 2145.	3	Physics		
.,,				2111, 2119, 2135, and 2145.	
			e requirements. Any additional credit hou	urs apply to degree totals as general elective credit. Total Hours	
	*A maximum of 6 hours applies to engineering/so	cience electiv	e requirements. Any additional credit hou	urs apply to degree totals as general elective credit.	
	*A maximum of 6 hours applies to engineering/sr Total Hours	cience electiv 6 Social		urs apply to degree totals as general elective credit. Total Hours equirement.	
IST 126 or	*A maximum of 6 hours applies to engineering/sr Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or	cience electiv 6 Social	Sciences ne course to satisfy state re HISTORY 1200 or	rs apply to degree totals as general elective credit. Total Hours equirement. Modern Western Civilization or	
IST 126 or IST 140 or	*A maximum of 6 hours applies to engineering/or Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or	cience electiv 6 Social nclude or	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or	Total Hours squirement. Modern Western Civilization or American History to 1877 or	
IST 126 or IST 140 or IST 141 or	*A maximum of 6 hours applies to engineering/sr Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or	cience electiv 6 Social	Sciences ne course to satisfy state re HISTORY 1200 or	Total Hours Sequirement. Modern Western Civilization or American History to 1877 or American Government	
IIST 126 or IIST 140 or IIST 141 or OLS 124	*A maximum of 6 hours applies to engineering/so Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement.	cience electiv 6 Social nclude or	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200	Total Hours Aduirement. Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government At least one of these courses is required to satisfy state requirement.	
IST 126 or IST 140 or IST 141 or OLS 124 CON 231 or	*A maximum of 6 hours applies to engineering/sit Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or	cience electiv 6 Social nclude or	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1100 or	Total Hours aduirement. Modern Western Civilization or American History to 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or	
IIST 126 or IIST 140 or IIST 141 or OLS 124 CON 231 or CON 230	*A maximum of 6 hours applies to engineering/so Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement.	cience electiv 6 Social nclude or	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200	Total Hours Aduirement. Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government At least one of these courses is required to satisfy state requirement.	
IIST 126 or IIST 140 or IIST 141 or OLS 124 CON 231 or CON 230 SYC 130 US 141 or	*A maximum of 6 hours applies to engineering/set Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics or upper-level economics Intro to Psychology Principles of Management or	cience electiv 6 Social nclude or	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or	Total Hours Equirement. Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics or upper-level economics General Psychology or upper-level psychology Intro to Management and Entrepreneurship or	
IIST 126 or IIST 140 or IIST 141 or OLS 124 CON 231 or CON 230 SYC 130 US 141 or CCT 121 or	*A maximum of 6 hours applies to engineering/sit Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or	cience elective 6 Social nclude or	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or BUS 1210 or	Total Hours acquirement. Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics or upper-level economics General Psychology or upper-level psychology Intro to Management and Entrepreneurship or Financial Accounting or	
HIST 126 or HIST 140 or HIST 141 or POLS 124 ECON 231 or ECON 230 SYC 130 SUS 141 or ICCT 121 or	*A maximum of 6 hours applies to engineering/set Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics or upper-level economics Intro to Psychology Principles of Management or	cience electiv 6 Social nclude or	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or	Total Hours Equirement. Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics or upper-level economics General Psychology or upper-level psychology Intro to Management and Entrepreneurship or	
IIST 126 or IIST 140 or IIST 141 or OLS 124 ECON 231 or CCON 230 SYC 130 BUS 141 or CCT 121 or BLAW 261	*A maximum of 6 hours applies to engineering/set Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business LawI or other approved business course; see Social Sciences Approved Electives at	cience elective 6 Social nclude or	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or BUS 1210 or	Total Hours Total Hours Addern Western Civilization or American History to 1877 or American History Since 1877 or American History Since 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics or upper-level economics General Psychology or upper-level psychology Intro to Management and Entrepreneurship or Financial Accounting or Business Law or other approved business course, see Social Sciences Approved Electives at	
IST 126 or IST 140 or IST 141 or OLS 124 CON 231 or CON 230 SYC 130 US 141 or CCT 121 or LAW 261	*A maximum of 6 hours applies to engineering/se Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved	cience elective 6 Social nclude or 3 3 3 3	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or BUS 1210 or BUS 2910	Total Hours Aduirement. Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics or upper-level economics General Psychology or upper-level economics General Psychology or upper-level psychology Intro to Management and Entrepreneurship or Financial Accounting or Business Law or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved	
IST 126 or IST 140 or IST 141 or DLS 124 CON 231 or CON 230 SYC 130 US 141 or CCT 121 or LAW 261	*A maximum of 6 hours applies to engineering/set Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours	cience electiv 6 Social nclude or 3 3 3 3 9	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or BUS 1210 or BUS 2910	Total Hours Aduirement. Modern Western Civilization or American History to 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics General Psychology or upper-level economics General Psychology or upper-level economics General Psychology Intro to Management and Entrepreneurship or Financial Accounting or Business Law or other approved business course, see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Dither economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/	
IST 126 or IST 140 or IST 141 or OLS 124 CON 231 or CON 230 SYC 130 US 141 or CCT 121 or LAW 261	*A maximum of 6 hours applies to engineering/set Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu	cience elective 6 Social nclude or 3 3 3 3 3 umanitie	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or BUS 1210 or BUS 2910 Social Science	Total Hours Aduirement. Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics or upper-level economics General Psychology or upper-level economics General Psychology or upper-level psychology Intro to Management and Entrepreneurship or Financial Accounting or Business Law or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/	
IIST 126 or IIST 140 or IIST 141 or IIST 124 ICON 231 or ICON 230 ISYC 130 IUS 141 or ICCT 121 or ILAW 261	*A maximum of 6 hours applies to engineering/sc Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.adu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu Select one human	cience elective 6 Social nuclude or 3 3 3 3 3 umanities and	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or BUS 2910 Social Science	Total Hours Sequirement. Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics General Psychology or upper-level economics General Psychology or upper-lev	
IIST 126 or IIST 140 or IIST 141 or OLS 124 CON 231 or CON 230 SYC 130 IUS 141 or CCT 121 or ILAW 261	*A maximum of 6 hours applies to engineering/set Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu	cience elective 6 Social neclude or 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or BUS 2910 Social Science PHILOS 1105	Total Hours Sequirement. Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or Principles of Macroeconomics General Psychology or upper-level economics General Psychology Intro to Management and Entrepreneurship or Financial Accounting or Business Law Or other approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Total Hours Self and World: Intro to Philosophy	
IIST 126 or IIST 140 or IIST 141 or OLS 124 CON 231 or CON 230 SYC 130 US 141 or CCT 121 or LAW 261 HILL 121 IUS 121 or IUS 121 or IUS 126	*A maximum of 6 hours applies to engineering/se Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.adu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu Select one human Intro to Philosophy Intro to Music Listening or Intro to World Music	cience elective 6 Social neclude or 3 3 3 3 3 4 9 Imanities and 3 3 3 3	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or BUS 1210 or BUS 2910 Social Science PHILOS 1105 MUS 1150	Total Hours Sequirement. Modern Western Civilization or American History to 1877 or American History to 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or Principles of Macroeconomics General Psychology Intro to Management and Entrepreneurship or Financial Accounting or Business Law or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Total Hours Self and World: Intro to Philosophy Music Understanding and Appreciation	
IIST 126 or IIST 140 or IIST 141 or OLS 124 CON 231 or CON 230 SYC 130 IUS 141 or CCT 121 or ILAW 261 Cocial Science	*A maximum of 6 hours applies to engineering/se Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History to 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu Select one human Intro to Philosophy Intro to Music Listening or Intro to World Music Intro to Theatre	cience elective 6 Social neclude or 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or BUS 1210 or BUS 2910 Social Science PHILOS 1105 MUS 1150 THEATRE 1190	Total Hours Sequirement. Modern Western Civilization or American History to 1877 or American History to 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or Principles of Macroeconomics or Business Law or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Intelligence of the Court of Philosophy Music Understanding and Appreciation Theatre via Video	
IST 126 or IST 140 or IST 141 or OLS 124 CON 231 or CON 230 SYC 130 US 141 or CCT 121 or LAW 261 WE 121 or IUS 121 or IUS 121 or IUS 126 HEA 120 NGL 236 or	*A maximum of 6 hours applies to engineering/se Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu Select one human Intro to Philosophy Intro to Music Listening or Intro to Theatre British Literature to 1800 or	cience elective 6 Social neclude or 3 3 3 3 3 9 Imanities and 3 3 3 3	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1210 or BUS 1210 or BUS 2910 Social Science PHILOS 1105 MUS 1150 THEATRE 1190 ENGLISH 1211 or	In the composition of the compos	
IST 126 or IST 140 or IST 141 or OLS 124 CON 231 or CON 230 SYC 130 US 141 or CCT 121 or LAW 261 HIL 121 IUS 121 or IUS 126 HEA 120 NGL 236 or NGL 236 or	*A maximum of 6 hours applies to engineering/se Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History to 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu Select one human Intro to Philosophy Intro to Music Listening or Intro to World Music Intro to Theatre	cience elective 6 Social neclude or 3 3 3 3 3 4 9 Imanities and 3 3 3 3	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or BUS 1210 or BUS 2910 Social Science PHILOS 1105 MUS 1150 THEATRE 1190	Total Hours Sequirement. Modern Western Civilization or American History to 1877 or American History to 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or Principles of Macroeconomics or Business Law or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Intelligence of the Court of Philosophy Music Understanding and Appreciation Theatre via Video	
IST 126 or IST 140 or IST 141 or OLS 124 CON 231 or CON 230 SYC 130 US 141 or CCT 121 or LAW 261 HIL 121 US 121 or US 126 HEA 120 NGL 236 or NGL 246 or NGL 247	*A maximum of 6 hours applies to engineering/se Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course, see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu Select one human Intro to Philosophy Intro to Music Listening or Intro to World Music Intro to Theatre British Literature to 1800 or American Literature I or World Literature to 1620 or Literature by Women	cience elective 6 Social neclude or 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1200 ECON 1200 PSYCH 1101 BUS 1210 or BUS 1210 or BUS 2910 Social Science PHILOS 1105 MUS 1150 THEATRE 1190 ENGLISH 1221 or ENGLISH 1221 or ENGLISH 1221 or ENGLISH 2242	Total Hours In apply to degree totals as general elective credit. Total Hours In additional sequirement. Modern Western Civilization or American History to 1877 or American History to 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or Principles of Macroeconomics or Operative Psychology Intro to Management and Entrepreneurship or Financial Accounting or Business Law or other approved business course, see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours In additional History of Philosophy Music Understanding and Appreciation Theatre via Video British Literature I: The Beginnings to 1800 or American Literature I or Vorld Literature I or Lit	
IST 126 or IST 140 or IST 141 or OLS 124 CON 231 or CON 230 SYC 130 US 141 or CCT 121 or LAW 261 WE 121 or US 122 or US 126 HIL 121 US 121 or US 126 HEA 120 NGL 236 or NGL 246 or NGL 245 or NGL 217	*A maximum of 6 hours applies to engineering/sc Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu Select one human Intro to Philosophy Intro to World Music Intro to Theatre British Literature to 1800 or American Literature I or World Literature to 1620 or	cience elective 6 Social neclude or 3 3 3 3 3 9 Imanities and 3 3 3 3	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1200 ECON 1200 PSYCH 1101 BUS 1110 or BUS 1210 or BUS 2910 Social Science PHILOS 1105 MUS 1150 THEATRE 1190 ENGLISH 1221 or ENGLISH 1221 or ENGLISH 1221 or ENGLISH 1221 or	Total Hours Sequirement. Modern Western Civilization or American History to 1877 or American History to 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Business Law or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Inse. Self and World: Intro to Philosophy Music Understanding and Appreciation Theatre via Video British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I or	
IIST 126 or IIST 140 or IIST 141 or OLS 124 CON 231 or CON 230 SYC 130 US 141 or CCT 121 or LAW 261 Ocial Science HIL 121 IUS 121 or IUS 126 HEA 120 NGL 236 or NGL 246 or NGL 251 or NGL 271 oreign Language	*A maximum of 6 hours applies to engineering/se Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course, see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu Select one human Intro to Philosophy Intro to Music Listening or Intro to World Music Intro to Theatre British Literature to 1800 or American Literature I or World Literature to 1620 or Literature by Women	cience elective 6 Social neclude or 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1200 ECON 1200 PSYCH 1101 BUS 1210 or BUS 1210 or BUS 2910 Social Science PHILOS 1105 MUS 1150 THEATRE 1190 ENGLISH 1221 or ENGLISH 1221 or ENGLISH 1221 or ENGLISH 2242	Total Hours In apply to degree totals as general elective credit. Total Hours In additional sequirement. Modern Western Civilization or American History to 1877 or American History to 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or Principles of Macroeconomics or Operative Psychology Intro to Management and Entrepreneurship or Financial Accounting or Business Law or other approved business course, see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours In additional History of Philosophy Music Understanding and Appreciation Theatre via Video British Literature I: The Beginnings to 1800 or American Literature I or Vorld Literature I or Lit	
IST 126 or IST 140 or IST 141 or OLS 124 CON 231 or CON 230 SYC 130 US 141 or CCT 121 or LAW 261 Decial Science HIL 121 US 121 or US 126 HEA 120 NGL 236 or NGL 246 or NGL 251 or Oreign Language	*A maximum of 6 hours applies to engineering/se Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Huster Company	cience elective 6 Social neclude or 3 3 3 3 3 3 3 3 3 3 3 3 3 3 6	Sciences te course to satisfy state results of the course state of t	Interest in the content of the conte	
IST 126 or IST 140 or IST 141 or OLS 124 CON 231 or CON 230 SYC 130 US 141 or CCT 121 or LAW 261 Decial Science HIL 121 US 121 or US 126 HEA 120 NGL 236 or NGL 246 or NGL 251 or Oreign Language	*A maximum of 6 hours applies to engineering/se Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History since 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu Select one human Intro to Philosophy Intro to Music Listening or Intro to World Music Intro to Theatre British Literature to 1800 or American Literature to 1620 or Literature by Women Any foreign language Other humanities elective from the list of approved courses at https://cs.mst.edu/undergraduate-degree/	cience elective 6 Social neclude or 3 3 3 3 3 4 4 4 4 5 5 6 5 6 6 7 7 8 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or BUS 1210 or BUS 2910 Social Science Sa and Ethics one upper-level ethics cou PHILOS 1105 MUS 1150 THEATRE 1190 ENGLISH 1221 or ENGLISH 12	In apply to degree totals as general elective credit. Total Hours Sequirement. Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or Principles of Macroeconomics General Psychology Intro to Management and Entrepreneurship or Financial Accounting or Business Law or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Total Hours Total Hours Total Hours Total Hours	
IIST 126 or IIST 140 or IIST 141 or OLS 124 CON 231 or CON 230 SYC 130 US 141 or CCT 121 or LAW 261 WIS 121 or IUS 121 or IUS 126 HEA 120 NGL 236 or NGL 246 or NGL 246 or NGL 251 or NGL 277 oreign Language lumanities	*A maximum of 6 hours applies to engineering/se Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History to 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu Select one human Intro to Philosophy Intro to Music Listening or Intro to World Music Intro to Theatre British Literature to 1800 or American Literature I or World Literature to 1620 or Literature by Women Any foreign language Other humanities elective from the list of approved courses at https://cs.mst.edu/undergraduate-degree/ Total Hours Addition Select additional courses to total	cience elective 6 Social neclude or 3 3 3 3 3 3 3 3 3 3 3 3 3 4 3 3 4 3 4	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or BUS 1210 or BUS 2910 Social Science PHILOS 1105 MUS 1150 THEATRE 1190 ENGLISH 1221 or ENGLISH 1221 or ENGLISH 1221 or ENGLISH 1221 or ENGLISH 2242 Foreign Language Humanities	Total Hours Sequirement. Modern Western Civilization or American History to 1877 or American History to 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or Principles of Microeconomics or Principles of Microeconomics or Principles of Macroeconomics or Principles of Microeconomics or Principles of Macroeconomics or Principles of Microeconomics General Psychology or upper-level economics General Psychology or upper-level	
IIST 126 or IIST 140 or IIST 141 or OLS 124 CON 231 or CCON 230 SYC 130 IUS 141 or CCT 121 or ILAW 261 Cocial Science CHIL 121 IUS 126 HEA 120 INGL 236 or INGL 236 or INGL 251 or INGL 277 Oreign Language Iumanities	*A maximum of 6 hours applies to engineering/se Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History to 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu Select one human Intro to Philosophy Intro to Music Listening or Intro to World Music Intro to Theatre British Literature to 1800 or American Literature British Literature to 1620 or Literature by Women Any foreign language Other humanities elective from the list of approved courses at https://cs.mst.edu/undergraduate-degree/ Total Hours Addition Select additional courses to total Engineering Orientation	cience elective 6 Social noclude or 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 6 nal Deg	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1210 or BUS 2910 Social Science PHILOS 1105 MUS 1150 THEATRE 1190 ENGLISH 1221 or ENGLISH 1221 or ENGLISH 1221 or ENGLISH 2242 Foreign Language Humanities PRE REG 1100 TREST TERM TERM TERM TERM TERM TERM TERM TER	Total Hours Equirement. Modern Western Civilization or American History to 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Macroeconomics General Psychology or upper-level economics General Psychology Intro to Management and Entire Principles General Psychology Intro to Managem	
HIST 126 or HIST 140 or HIST 141 or POLS 124 ECON 231 or ECON 230 SYC 130 SIVS 141 or ICCT 121 or BLAW 261	*A maximum of 6 hours applies to engineering/se Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History to 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu Select one human Intro to Philosophy Intro to Music Listening or Intro to World Music Intro to Theatre British Literature to 1800 or American Literature I or World Literature to 1620 or Literature by Women Any foreign language Other humanities elective from the list of approved courses at https://cs.mst.edu/undergraduate-degree/ Total Hours Addition Select additional courses to total	cience elective 6 Social neclude or 3 3 3 3 3 3 3 3 3 3 3 3 3 4 3 3 4 3 4	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or BUS 1210 or BUS 2910 Social Science PHILOS 1105 MUS 1150 THEATRE 1190 ENGLISH 1221 or ENGLISH 1221 or ENGLISH 1221 or ENGLISH 1221 or ENGLISH 2242 Foreign Language Humanities	Total Hours Sequirement. Modern Western Civilization or American History to 1877 or American History to 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or Principles of Microeconomics or Principles of Microeconomics or Principles of Macroeconomics or Principles of Microeconomics or Principles of Macroeconomics or Principles of Microeconomics General Psychology or upper-level economics General Psychology or upper-level	
HST 126 or HST 140 or HST 141 or OLS 124 CON 231 or CCON 230 SYC 130 BUS 141 or CCT 121 or BLAW 261 Gocial Science PHIL 121 AUS 121 or MUS 126 HEA 120 INGL 236 or INGL 236 or INGL 251 or INGL 251 or INGL 251 or INGL 277 oreign Language Humanities	*A maximum of 6 hours applies to engineering/se Total Hours Select 9 credit hours to in Western Civ: Scientific Revolution to Modern Age or US History to 1877 or US History to 1877 or American National Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or upper-level economics Intro to Psychology Principles of Management or Accounting I or Business Law I or other approved business course; see Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Other economics, history, political science, psychology, business elective from the Social Sciences Approved Electives at https://cs.mst.edu/undergraduate-degree/ Total Hours Hu Select one human Intro to Philosophy Intro to Music Listening or Intro to World Music Intro to Theatre British Literature to 1800 or American Literature British Literature to 1620 or Literature by Women Any foreign language Other humanities elective from the list of approved courses at https://cs.mst.edu/undergraduate-degree/ Total Hours Addition Select additional courses to total Engineering Orientation	cience elective 6 Social neclude or 3 3 3 3 3 4 4 4 5 6 6 6 6 7 7 8 7 8 7 8 8 8 8 8 8 8 8 8 8	Sciences ne course to satisfy state re HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200 ECON 1100 or ECON 1200 PSYCH 1101 BUS 1110 or BUS 1210 or BUS 2910 Social Science PHILOS 1105 MUS 1150 THEATRE 1190 ENGLISH 1221 or ENGLISH 1221 or ENGLISH 1221 or ENGLISH 1221 or ENGLISH 2242 Foreign Language Humanities PRE Requirements FR ENG 1100 Electives	In apply to degree totals as general elective credit. Total Hours Sequirement. Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government At least one of these courses is required to satisfy state requirement. Principles of Microeconomics or Principles of Microeconomics or Principles of Macroeconomics Principles of Macroeconomics or principles of Principles of Macroeconomics Principles of Macroeconomics or principles of Macroeconomics	

This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2024. Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.