

**Associate in Arts
Years 1 and 2 at
Metropolitan Community College**

General Education Requirements		Credits
American Institutions (2 courses, one must be HIST)		
HIST 120	United States History to 1865 <i>or</i>	6
HIST 121	United States History since 1865 <i>and</i>	
POLS 135	Introduction to Political Science <i>or</i>	
POLS 136	Introduction to American National Politics <i>or</i>	
POLS 137	Introduction to State and Local Politics	
Communications		
ENGL 101	Composition and Reading I	3
ENGL 102	Composition and Reading II	3
SPDR 100	Fundamentals of Speech	3
Humanities (3 courses, 3 areas of study, 1 courses must be Lit. or Phil.)		
Art History or ART 108		3
Foreign Language 101 or higher or SIGN 101 or 102		3-5
HUMN		3
Literature		3
MSCM 112		3
MUSI 108, 116 or 160		3
PHIL		3
SPDR 103, 104, 106, 110, 112, 114, 128 or 133		3
HIST/HUMN 133 or 134		3
Mathematics		
MATH 175	Calculus for Business and Social Science	3
Natural Sciences (2 courses, 1 biological and 1 physical) (must include laboratory)		
Biology course with lab		5
Physical science with lab		4-5
Social Science		
ECON 210	Principles of Economics I - Macro	3
PSYC	Any psychology course	3
Computer Science		
CSIS 271	Data Structures & Algorithm Analysis	3
Electives		
BSAD 102	Principles of Accounting II	3
BSAD 204	Business Management	3
BSAD 211	Operations Management	3
CSIS 223	Object-Oriented Programming	3
CSIS 228	Advanced Web Development	3
ECON 211	Microeconomics	3
Additional Courses		
Two other advanced courses required in the Business & Management Systems B.S. degree program may also be transferred (subject to the 18 credit hour limit):		
Metropolitan Community College		
BSAD 154	Managerial Accounting	6
BSAD 205	Marketing	
UMR BUS Courses		
BUS 220	Managerial Accounting	6
BUS 240	Basic Marketing	
Total Credits Required		62
Student must complete a Writing Intensive course AND either a Human Diversity course or Learning Community as part of the General Education Requirements. In some cases, an additional 6 credit hours may be transferred, with your UMR Advisor's approval.		
• MCC's 42-hour general education core will transfer to the University of Missouri-Rolla (UMR) and will satisfy the Business & Management Systems program's general education core of 41 hours.		
• The Business & Management Systems department is part of the School of Management & Information Systems at UMR. The School has required core of courses that include Information Science & Technology, Business & Management Systems, and Economics. Up to 18 hours of credit from these core courses can be transferred to satisfy part of the requirements. In some cases an additional 6 credit hours may be transferred, with you UMR Advisor's approval.		

**Bachelor of Science in
Business & Management Systems
Years 3 and 4 at UM-Science & Technology**

Major Education Requirements		Credits
SMIS Core Requirements		
MIS 397	Capstone	3
Information Science & Technology		
IST 141	Information Systems	3
IST 246	Introduction to ERD	3
Management		
BUS 230	Business Law	3
Quantitative Skills		
STAT 211	Statistics I	3
Communication Skills		
Speech 181	Communication Theory	3
ENGL 260	Practicum in Tech Writing	3
Business Administration Core		
BUS 240	Basic Marketing	3
BUS 250	Business Finance	3
BUS 260	Business Operations	3
BUS 220	Managerial Accounting	3
BUS 280	Strategic Management	3
Econ 211	Introduction to Economics Statistics	3
Select a concentration area		
Finance (Select 3 Courses)		
Fin 250	Corporate Finance I	3
Fin 350	Corporate Finance II	3
Econ 323	International Finance	3
Econ 330	Public Finance	3
Fin 201	Investments I	3
Fin 301	Introduction to Derivatives	3
<i>or</i>		
Marketing (Select 3 Courses)		
BUS 341	Marketing Strategy	3
BUS 301/3xx	International Business	3
BUS 343	New Product Development	3
BUS	Business Negotiations	3
	Other courses in the marketing area	3
ENGMG 351	Industrial Marketing Systems Analysis	3
ENGMG 354	Integrated Product and Process Design	3
<i>or</i>		
E-Commerce (Select 3 Courses)		
IST 221	Internet Concepts and Applications	3
IST 241	E-Commerce	3
IST 286	Web Development and Design	3
IST 336	Internet Computing	3
IST 342	E-Commerce Architecture	3
IST 357	Network Economy	3
IST 368	Law & Ethics in E-commerce	3
<i>or</i>		
Management Information Systems		
IST 223	Database Management	3
IST 361	Strategic Enterprise Management Systems	3
IST 346	ERP Design and Implementation	3
<i>or</i>		
Enterprise Resource Planning		
BUS 366	Supply Chain Management	3
BUS 386	Strategic Enterprise Management Systems	3
IST 346	ERP Design and Implementation	3
<i>or</i>		
Human-Computer Interaction		
IST 385	Human-Computer Interaction	3
IST 386	Human-Computer Interaction Prototype	3
IST 387	Human-Computer Interaction Evaluation	3
Free Electives		12
Total Credits Required		120