

Appendix

Bachelor of Science Degree in Emergency Medical Services Administration
Applicable to students completing the following Jefferson College (JC) undergraduate degree program:

Emergency Medical Technology, AAS

CSU Degree Requirements	Required Semester Credits	JC Transfer Courses	JC Transfer Credits*	Credits to take at CSU*
Major Requirements	51		3	48
Major Requirements	51	To receive the transfer credit shown in the Major Requirements category, courses must be completed as outlined below.	3	48
EMS 2301 Anatomy and Physiology I	3	Credit for EMS 2301 is possible from 1 of the following courses: <ul style="list-style-type: none"> BIO 116 Anatomy and Physiology for Pre-Hospital Healthcare (R) BIO 120 Human Anatomy and Physiology BIO 211 Anatomy and Physiology I 	3	
EMS 2302 Anatomy and Physiology II	3			
EMS 3301 EMS Management	3			
EMS 3302 EMS Planning and Development	3			
EMS 3303 EMS Operations and Personnel Management	3			
EMS 3304 Foundations in EMS Education	3			
EMS 3305 Risk Management Practices in EMS	3			
EMS 3306 Emergency Medical Communications	3			
EMS 4301 Finance of EMS Systems	3			
EMS 4302 Leadership in EMS Systems	3			
EMS 4303 Legal, Political, and Regulatory Environment in EMS	3			
EMS 4304 Community Risk Reduction in EMS	3			
EMS 4305 EMS Public Information and Community Relations	3			
EMS 4306 EMS Roles During Emergencies and Disasters	3			
EMS 4307 Research for the EMS Professional	3			

EMS 4308 Mobile Integrated Health Care	3			
EMS 4320 EMS System Design	3			
CSU Degree Requirements	Required Semester Credits	JC Transfer Courses	JC Transfer Credits*	Credits to take at CSU*
<i>Open Electives + General Education</i>	69		54	15
Open Electives	39	39 hours of the JC courses listed below and JC General Education Courses not applied to CSU's general education requirements may be reviewed for CSU's Open Electives requirement:	39	0
		EMT 110 Emergency Medical Technician I	4 (R)	
		EMT 120 Emergency Medical Technician II	4 (R)	
		EMT 125 Emergency Medical Technician Clinical/Internship I	1 (R)	
		HPE 101 Physical Fitness I	1 (R)	
		HPE 201 Physical Fitness II	1 (R)	
HCA 1301 Basic Medical Terminology	3	PAR 200 Paramedic Advanced Care and Terminology	3 (R)	
HTH 1305 Pharmacology	3	PAR 205 Paramedic Pharmacology	3 (R)	
		PAR 210 Paramedic Medical Emergencies	3 (R)	
		PAR 215 Paramedic Advanced Cardiology	4 (R)	
		PAR 220 Paramedic Clinical Practicum I	4 (R)	
		PAR 225 Internship I	1 (R)	
		PAR 230 Paramedic Trauma Emergencies	3 (R)	
		PAR 235 Paramedic Special Considerations	2 (R)	
		PAR 240 Paramedic Ambulance Operations	1 (R)	
		PAR 245 Paramedic Clinical Practicum II	4 (R)	
		PAR 250 Paramedic Internship II	4 (R)	
		PAR 255 Paramedic Internship III	4 (R)	
JC requires one of the following courses for Computer Literacy			3 (R)	
ITC 2301 Personal Computer Fundamentals	3	CIS 125 Computer Concepts	3	
		EDU 205 Educational Technology	3	
JC requires 1 of the following courses for First Year Experience			1-3 (R)	
		COL 100 Freshman Seminar	1	
		COL 101 Introduction to College: Strategies for Success	1	
		COL 136 Mastering the College Experience	3	
		EDU 105 Exploring the Field of Education	1	
JC MOTR Core 42 General Education courses only applicable to CSU Open Electives				

		COM 130 Introduction to Mass Media Communications	3	
CMJ 2301 Introduction to Criminal Justice	3	CRJ 110 Introduction to Criminal Justice	3	
		MGT 103 Business Mathematics	3	
PSY 3303 Developmental Psychology	3	PSY 205 Life Span Human Development	3	
General Education	30	See CSU General Education Requirements chart for JC options towards CSU's General Education requirements.	15	15
Total Credits Required Bachelor of Science in Emergency Medical Services Administration	120		57	63

**CSU General Education Requirements –
Jefferson College (JC) General Education Options in the
Emergency Medical Technology, AAS**

To receive the full 57 hours of transfer credit possible, 15 hours of JC General Education Courses must be completed as outlined below.

CSU General Education Requirements and Course Options	Required Semester Credits	JC General Education Courses	JC Credits
CSU Humanities and Fine Arts - Group A Course Options:	3		
ART 1301 Art Appreciation I	3		
ART 1302 Art Appreciation II	3		
HUM 2301 Historic Tour of Italy	3		
LIT 2301 War in Literature	3		
PHI 2301 Philosophies of World Religions	3		
PHI 2302 Contemporary Ethics	3		
CSU Humanities and Fine Arts - Group B Course Options:	3	JC requires 3 hours in Humanities/Communications. The total transferred credit amount would be possible if 1 of the following JC COM courses is completed as part of that requirement.	
ART 1301 Art Appreciation I	3		
ART 1302 Art Appreciation II	3		
COM 2301 Professional Communication	3		
ENG 3301 Technical Writing	3		
HUM 2301 Historic Tour of Italy	3		

LIT 2301 War in Literature	3		
PHI 1301 Critical Thinking	3		
PHI 2301 Philosophies of World Religions	3		
PHI 2302 Contemporary Ethics	3		
JC requires 1 of the following courses for Humanities/Communications:			3 (R)
COM 1301 Introduction to Communication	3	COM 100(H) Fundamentals of Communication	3
COM 1302 Fundamentals of Speech Communication	3	COM 110 Public Speaking	3
CSU Social/Behavioral Sciences - Group Course Options:	6	JC requires 6 hours in Social/Behavioral Sciences. The total transferred credit amount would be possible if 1-2 of the following JC Social/Behavioral Sciences courses is completed as part of that requirement.	
ECO 2301 Principles of Microeconomics	3	ECO 102 Microeconomics	3
ECO 2302 Principles of Macroeconomics	3	ECO 101 Macroeconomics	3
POL 1301 Introduction to Political Science	3		
POL 2301 United States Government	3		
POL 2302 American State and Local Politics	3		
POL 2303 Politics and Terrorism	3		
PSY 1301 General Psychology	3	PSY 101(H) General Psychology	3
PSY 2301 Abnormal Psychology	3		
SOC 1301 Introduction to Sociology	3	SOC 101(H) General Sociology	3
SOC 1302 Diversity and Society	3		
SOC 2302 Cultural Geography	3		
		PSC 102(H) United States and Missouri Governments and Constitutions [Civics Course]	3
		ECO 100 Introduction to Economics	3
		GEO 103 World Regional Geography	3
		PSC 155 International Relations	3
		PSC 202 Introduction to Comparative Politics	3
		SOC 114 General Anthropology	3
		SOC 115 Cultural Anthropology	3
		SOC 250 Social Problems	3

CSU Natural Sciences - Group Course Options:	6	JC requires BIO 116 as part of the Math and/or Science requirement. 6 hours are possible if BIO 116 and 1 of the following courses are completed:	
BIO 1301 Non-Majors Biology	3	BIO 101(H) General Biology or BIO 102 Concepts in Biology	3
BIO 1302 Ecology and the Environment	3	BIO 109 Ecology and Environmental Conservation	3
BIO 1303 General Biology I	3	BIO 103 Biology for Majors I	3
BIO 1304 General Biology II	3		
CHM 1301 General Chemistry I	3	CHM 111(H) General Chemistry I	3
CHM 1302 General Chemistry II	3		
CHM 1303 Chemistry and Society	3		
PHY 1301 Physics I	3	PHY 111 Elementary College Physics I	3
PHY 1302 Physics II	3		
		BIO 205 General Botany	3
		BIO 206 General Zoology	3
		CHM 101 Introductory Chemistry	3
		CHM 102 Concepts in Chemistry	3
		PHY 101 Survey of Physical Science	3
		PHY 102 Topics in the Physical Sciences	3
		PHY 105 Physical Geology	3
		PHY 106 Introduction to Astronomy	3
		PHY 223 General Physics I	3
CSU Mathematic - Group Course Options:	3	JC requires 6 hours in Math and/or Science. The total transferred credit amount would be possible if 1 of the following JC Math courses is completed and 1 Natural Sciences course is completed as part of that requirement. (Grade of C or better required)	
MAT 1301 Liberal Arts Math	3	MTH 131 Survey of College Mathematics	3
MAT 1302 College Algebra	3	MTH 134 (H) College Algebra	3
MAT 1303 Algebra and Trigonometry	3		
MAT 1304 Finite Math	3		
MAT 2301 Elementary Statistics	3	MTH 132 Introductory Statistics	3
MAT 2302 Pre-Calculus	3	MTH 141 Precalculus	3
MAT 2303 Calculus	3		
		MTH 105 Industrial Math	3
		MTH 110 Introductory Algebra	3
		MTH 128 Intermediate Algebra	3

CSU History - Group Course Options:	3	JC Requires HST 103, HST 104 or PSC 102H. If PSC 102H is completed, History credit would not be transferred.	
HIS 1301 American History I	3	HST 103(H) United States History I to Reconstruction [Civics Course]	3
HIS 1302 American History II	3	HST104(H) United States History II from Reconstruction [Civics Course]	3
HIS 1303 United States Military History I	3		
HIS 1304 United States Military History II	3		
HIS 1305 Western Civilization I	3		
HIS 1306 Western Civilization II	3		
HIS 2301 Medieval History	3		
CSU English Composition - Group Course Options (Grade of C or better required):	6	(Grade of C or better required)	
ENG 1301 English Composition I	3	ENG 101(H) English Composition I	3 (R)
ENG 1302 English Composition II	3		

* Transfer Credit/General Notes:

- (R) denotes required JC courses or semester hours.
- JC general education courses can potentially transfer toward CSU general education requirements, as outlined in this agreement, or Open Electives. JC courses that do not fit CSU's general education categories will be reviewed for possible Open Electives credit.
- Direct transfer credit for a Major Requirements or General Education course requires the transfer course to be a minimum of 3 semester hours. Transfer credit is only transferred in multiples of 3 semester hours to Major Requirements or General Education categories.
- Any JC course worth 4 or more semester hours but only given 3 semester hours for chart purposes would be reviewed for the full credit designated by JC, subject to program director approval.
- Credit awarded is subject to degree requirements at the time of enrollment and current transfer credit policy, which are subject to change.
- CSU is in the process of converting to new course numbers and anticipates completion by the end of 2023.
- Actual number of transfer credit hours awarded (and therefore the number of hours to be completed at CSU) will be based on actual courses completed successfully at JC for which there exists a CSU equivalent and could be more or less than the number of transfer credits in the example above. Please note, CSU accepts a maximum of 90 semester hours of transfer credit in the bachelor's degree program.

Bachelor of Science Degree in Health Care Administration

Applicable to students completing the following Jefferson College (JC) undergraduate degree program:

Emergency Medical Technology, AAS

CSU Degree Requirements	Required Semester Credits	JC Transfer Courses	JC Transfer Credits*	Credits to take at CSU*
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Major Requirements	48		0	48
Major Requirements	48		0	48
HCA 3301 Health Care Management	3			
HCA 3302 Critical Issues in Health Care	3			
HCA 3303 Standards for Health Care Staff	3			
HCA 3305 Health Unit Coordination	3			
HCA 3306 Community Health	3			
HCA 3308 Health Information Principles and Practice	3			
HCA 3310 Health Care Marketing	3			
HCA 4301 Budgeting in Health Care	3			
HCA 4302 Financial Management in Health Care Organizations	3			
HCA 4303 Comparative Health Systems	3			
HCA 4307 Health Care Quality Management	3			
HCA 4308 Research Methods for Health Professionals	3			
HCS 4309 Health Care Law	3			
HCA 4320 Development and Strategic Planning in Health Care	3			
HRM 3302 Human Resource Management	3			
LDR 3301 Leadership	3			
CSU Degree Requirements	Required Semester Credits	JC Transfer Courses	JC Transfer Credits*	Credits to take at CSU*
Open Electives + General Education	72		60	12
Open Electives	42	42 hours of the JC courses listed below and JC General Education Courses not applied to CSU's general education requirements may be reviewed for CSU's Open Electives requirement:	42	0
		EMT 110 Emergency Medical Technician I	4 (R)	
		EMT 120 Emergency Medical Technician II	4 (R)	
		EMT 125 Emergency Medical Technician Clinical/Internship I	1 (R)	
		HPE 101 Physical Fitness I	1 (R)	
		HPE 201 Physical Fitness II	1 (R)	
HCA 1301 Basic Medical Terminology	3	PAR 200 Paramedic Advanced Care and Terminology	3 (R)	
HTH 1305 Pharmacology	3	PAR 205 Paramedic Pharmacology	3 (R)	

		PAR 210 Paramedic Medical Emergencies	3 (R)	
		PAR 215 Paramedic Advanced Cardiology	4 (R)	
		PAR 220 Paramedic Clinical Practicum I	4 (R)	
		PAR 225 Internship I	1 (R)	
		PAR 230 Paramedic Trauma Emergencies	3 (R)	
		PAR 235 Paramedic Special Considerations	2 (R)	
		PAR 240 Paramedic Ambulance Operations	1 (R)	
		PAR 245 Paramedic Clinical Practicum II	4 (R)	
		PAR 250 Paramedic Internship II	4 (R)	
		PAR 255 Paramedic Internship III	4 (R)	
JC requires 1 of the following courses for Computer Literacy:			3 (R)	
ITC 2301 Personal Computer Fundamentals	3	CIS 125 Computer Concepts and Applications	3	
		EDU 205 Educational Technology	3	
JC requires 1 of the following courses for First Year Experience:			1-3 (R)	
		COL 100 Freshman Seminar	1	
		COL 101 Introduction to College: Strategies for Success	1	
		COL 136 Mastering the College Experience	3	
		EDU 105 Exploring the Field of Education	1	
JC MOTR Core 42 General Education courses only applicable to CSU Open Electives:				
		COM 130 Introduction to Mass Media Communications	3	
CMJ 2301 Introduction to Criminal Justice	3	CRJ 110 Introduction to Criminal Justice	3	
		MGT 103 Business Mathematics	3	
PSY 3303 Developmental Psychology	3	PSY 205 Life Span Human Development	3	
General Education	30	See CSU General Education Requirements chart for JC options towards CSU's General Education requirements.	18	12
Total Credits Required Bachelor of Science in in Health Care Administration	120		60	60

**CSU General Education Requirements –
Jefferson College (JC) General Education Options in the
Emergency Medical Technology, AAS**

To receive the full 60 hours of transfer credit possible, 18 hours of JC General Education Courses must be completed as outlined below.

CSU General Education Requirements and Course Options	Required Semester Credits	JC General Education Courses	JC Credits
CSU Humanities and Fine Arts - Group A Course Options:	3		
ART 1301 Art Appreciation I	3		
ART 1302 Art Appreciation II	3		
HUM 2301 Historic Tour of Italy	3		
LIT 2301 War in Literature	3		
PHI 2301 Philosophies of World Religions	3		
PHI 2302 Contemporary Ethics	3		
CSU Humanities and Fine Arts - Group B Course Options:	3	JC requires 3 hours in Humanities/Communications. The total transferred credit amount would be possible if 1 of the following JC COM courses is completed as part of that requirement.	
ART 1301 Art Appreciation I	3		
ART 1302 Art Appreciation II	3		
COM 2301 Professional Communication	3		
ENG 3301 Technical Writing	3		
HUM 2301 Historic Tour of Italy	3		
LIT 2301 War in Literature	3		
PHI 1301 Critical Thinking	3		
PHI 2301 Philosophies of World Religions	3		
PHI 2302 Contemporary Ethics	3		
JC requires 1 of the following courses for Humanities/Communications:			3 (R)
COM 1301 Introduction to Communication	3	COM 100(H) Fundamentals of Communication	3
COM 1302 Fundamentals of Speech Communication	3	COM 110 Public Speaking	3
CSU Social/Behavioral Sciences - Group Course Options:	6	JC requires 6 hours in Social/Behavioral Sciences. The total transferred credit amount would be possible if 1-2 of the following JC Social/Behavioral Sciences courses is completed as part of that requirement.	
ECO 2301 Principles of Microeconomics	3	ECO 102 Microeconomics	3
ECO 2302 Principles of Macroeconomics	3	ECO 101 Macroeconomics	3
POL 1301 Introduction to Political Science	3		
POL 2301 United States Government	3		

POL 2302 American State and Local Politics	3		
POL 2303 Politics and Terrorism	3		
PSY 1301 General Psychology	3	PSY 101(H) General Psychology	3
PSY 2301 Abnormal Psychology	3		
SOC 1301 Introduction to Sociology	3	SOC 101(H) General Sociology	3
SOC 1302 Diversity and Society	3		
SOC 2302 Cultural Geography	3		
		PSC 102(H) United States and Missouri Governments and Constitutions [Civics Course]	3
		ECO 100 Introduction to Economics	3
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		PSC 155 International Relations	3
		PSC 202 Introduction to Comparative Politics	3
		SOC 114 General Anthropology	3
		SOC 115 Cultural Anthropology	3
		SOC 250 Social Problems	3
CSU Natural Sciences - Group Course Options:	6	JC requires BIO 116 as part of the Math and/or Science requirement. 6 hours are possible if BIO 116 and 1 of the following courses are completed:	
BIO 1301 Non-Majors Biology	3	BIO 101(H) General Biology or BIO 102 Concepts in Biology	3
BIO 1302 Ecology and the Environment	3	BIO 109 Ecology and Environmental Conservation	3
BIO 1303 General Biology I	3	BIO 103 Biology for Majors I	3
BIO 1304 General Biology II	3		
CHM 1301 General Chemistry I	3	CHM 111(H) General Chemistry I	3
CHM 1302 General Chemistry II	3		
CHM 1303 Chemistry and Society	3		
PHY 1301 Physics I	3	PHY 111 Elementary College Physics I	3
PHY 1302 Physics II	3		
		BIO 116 Anatomy and Physiology for Pre-Hospital Healthcare (R)	3
		BIO 120 Human Anatomy and Physiology	3
		BIO 211 Anatomy and Physiology I	3
		BIO 205 General Botany	3
		BIO 206 General Zoology	3
		CHM 101 Introductory Chemistry	3

		CHM 102 Concepts in Chemistry	3
		PHY 101 Survey of Physical Science	3
		PHY 102 Topics in Physical Science	3
		PHY 105 Physical Geology	3
		PHY 106 Introduction to Astronomy	3
		PHY 223 General Physics I	3
CSU Mathematic – Group Course Options:	3	JC requires 6 hours in Math and/or Science. The total transferred credit amount would be possible if 1 of the following JC Math courses is completed and 1 Natural Sciences course is completed as part of that requirement. (Grade of C or better required)	
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MAT 2302 Pre-Calculus	3	MTH 141 Precalculus	3
MAT 2303 Calculus	3		
		MTH105 Industrial Math	3
		MTH110 Introductory Algebra	3
		MTH 128 Intermediate Algebra	3
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HIS 1303 United States Military History I	3		
HIS 1304 United States Military History II	3		
HIS 1305 Western Civilization I	3		
HIS 1306 Western Civilization II	3		
HIS 2301 Medieval History	3		

CSU English Composition - Group Course Options (Grade of C or better required):	6	(Grade of C or better required)	
ENG 1301 English Composition I	3	ENG 101(H) English Composition I	3 (R)
ENG 1302 English Composition II	3		

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- (R) denotes required JC courses or semester hours.
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- Actual number of transfer credit hours awarded (and therefore the number of hours to be completed at CSU) will be based on actual courses completed successfully at JC for which there exists a CSU equivalent and could be more or less than the number of transfer credits in the example above. Please note, CSU accepts a maximum of 90 semester hours of transfer credit in the bachelor’s degree program.