

CSU Bachelor of Science Degree in Emergency Medical Services Administration
Applicable to students completing the following Texas Southmost College (TSC) program:

Emergency Medical Science, AAS

CSU Degree Requirements	Required Semester Credits	TSC Transfer Courses	TSC Transfer Credits*	Credits to take at CSU
<i>Major Requirements</i>	51		6	45
Major Requirements	51	To receive the transfer credit shown in the Major Requirements category, courses must be completed as outlined below.	6	45
EMS 2301 Anatomy and Physiology I	3	BIOL 2301 Human Anatomy and Physiology I	3	
EMS 2302 Anatomy and Physiology II	3	BIOL 2302 Human 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	TSC Transfer Courses	TSC Transfer Credits*	Credits to take at CSU

Open Electives + General Education	69		51	18
Open Electives	39	The TSC courses listed below and TSC General Education Courses not applied to CSU's general education requirements may be reviewed for CSU's 39-hour Open Elective requirement:	39	0
		EMSP 1160 Clinical - Emergency Medical Technician I	1	
		EMSP 1501 Emergency Medical Technician	5	
HCA 1301 Basic Medical Terminology	3	HITT 1305 Medical Terminology I	3	
		EMSP 1161 Clinical - Emergency Medical Technician II	1	
		EMSP 1355 Trauma Management	3	
		EMSP 1356 Patient Assessment and Airway Management	3	
		EMSP 2260 Clinical - Emergency Medical Technician III	2	
		EMSP 2330 Special Populations	3	
		EMSP 2306 Emergency Pharmacology	3	
		EMSP 2261 Clinical - Emergency Medical Technician IV	2	
		EMSP 2434 Medical Emergencies	4	
		EMSP 2444 Cardiology	4	
		EMSP 2243 Assessment Based Management	2	
		EMSP 2305 Emergency Operations	3	
		EMSP 2360 Clinical - Emergency Medical Technician V	3	
General Education	30	See CSU General Education Requirements chart for TSC options towards CSU's General Education requirements.	12	18
Total Credits Required Bachelor of Science in Emergency Medical Services Administration	120		57	120

**CSU General Education Requirements –
Texas Southmost College (TSC) General Education Options in the
Emergency Medical Science, AAS**

CSU General Education Requirements and Course Options	Required Semester Credits	TSC General Education Courses	TSC Credits
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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 2302 Contemporary Ethics	3		
PHL 2350 (PHI 2301) Philosophies of World Religions	3		
CSU Humanities and Fine Arts - Group B Course Options:	3		
ART 1301 Art Appreciation I	3		
ART 1302 Art Appreciation II	3		
COM 1301 Introduction to Communication	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		
PHL 2350 (PHI 2301) Philosophies of World Religions	3		
PHI 2302 Contemporary Ethics	3		
COM 1302 Fundamentals of Speech Communication	3	SPCH 1315 Public Speaking OR SPCH 1318 Interpersonal Communication	3
CSU Social/Behavioral Sciences - Group Course Options:	6		
ECO 2301 Principles of Microeconomics	3		
ECO 2302 Principles of 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	PSYC 2301 General Psychology	3
PSY 2301 Abnormal Psychology	3		
SOC 1301 Introduction to Sociology	3		
SOC 2302 Cultural Geography	3		

CSU Natural Sciences - Group Course Options:	6		
BIO 1301 Non-Majors Biology	3		
BIO 1302 Ecology and the Environment	3		
BIO 1303 General Biology I	3		
BIO 1304 General Biology II	3		
CHM 1301 General Chemistry I	3		
CHM 1302 General Chemistry II	3		
PHY 1301 Physics I	3		
PHY 1302 Physics II	3		
CSU Mathematic – Group Course Options:	3	(Grade of C or better required)	
MAT 1301 Liberal Arts Math	3	MATH 1332 Contemporary Mathematics	3
MAT 1302 College Algebra	3		
MAT 1303 Algebra and Trigonometry	3		
MAT 1304 Finite Math	3		
MAT 2301 Elementary Statistics	3		
MAT 2302 Pre-Calculus	3		
MAT 2303 Calculus	3		
CSU History - Group Course Options:	3		
HIS 1301 American History I	3		
HIS 1302 American History II	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:	6	(Grade of C or better required)	
ENG 1301 English Composition I	3	ENGL 1301 Composition I	3
ENG 1302 English Composition II	3		

*** Transfer Credit/General Notes:**

- TSC general education courses can potentially transfer toward CSU general education requirements, as outlined in this agreement, or Open Electives. TSC courses that do not fit CSU’s general education categories will be reviewed for possible Open Electives credit.
- Direct transfer credit for a Major Requirement or General Education course requires the transfer course to be a minimum of 3 semester hours.

- Any TSC 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 TSC, subject to program director approval.
- Credit awarded is subject to degree requirements at the time of enrollment.
- CSU is in the process of converting to new course numbers and anticipates completion by July 1, 2022.
- 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 TSC 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.

TSC Catalog: [TSC Catalog 2022-2023.pdf](#)

CSU Associate of Science Degree in Health Information Science

Applicable to students completing the following Texas Southmost College (TSC) certificate program:

Emergency Medical Science Certificate of Proficiency – Level One

CSU Degree Requirements	Required Semester Credits	TSC Transfer Courses	TSC Transfer Credits*	Credits to take at CSU
Major Requirements	27		3	24
Major Requirements	27	To receive the transfer credit shown in the Major Requirements category, courses must be completed as outlined below.	3	24
HCA 1301 Basic Medical Terminology		HITT 1305 Medical Terminology I	3	
HTH 1301 Medical Law and Ethics				
HTH 1304 Health Information Technology and Systems				
HTH 1306 Introduction to Health Care Statistics				
HTH 2304 Introduction to Health Information Management				
HTH 2305 Health Information Documentation Management				
HTH 2306 Human Anatomy				
HTH 2309 Reimbursement Methodologies				
ITC 1301 Computer Essentials				
CSU Degree Requirements	Required Semester Credits	TSC Transfer Courses	TSC Transfer Credits*	Credits to take at CSU
General Curriculum Emphasis + General Education	33		12	21
General Curriculum Emphasis	15	The TSC courses listed below may be reviewed for CSU's 15-hour Open Electives requirement:	12	3

		EMSP 1160 Clinical - Emergency Medical Technician I	1	
		EMSP 1501 Emergency Medical Technician	5	
		EMSP 1355 Trauma Management	3	
		EMSP 1356 Patient Assessment and Airway Management	3	
General Education	18	See CSU General Education Requirements chart for TSC options towards CSU's General Education requirements.	0	18
Total Credits Required Associate of Science in Health Information Science	60		15	45

**CSU General Education Requirements –
Texas Southmost College (TSC) General Education Options in the
Emergency Medical Science Certificate of Proficiency – Level One**

CSU General Education Requirements and Course Options	Required Semester Credits	TSC General Education Courses	TSC 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 2302 Contemporary Ethics	3		
PHL 2350 (PHI 2301) Philosophies of World Religions	3		
CSU Humanities and Fine Arts - Group B Course Options:	3		
ART 1301 Art Appreciation I	3		
ART 1302 Art Appreciation II	3		
COM 1301 Introduction to Communication	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		

PHL 2350 (PHI 2301) Philosophies of World Religions	3		
PHI 2302 Contemporary Ethics	3		
COM 1302 Fundamentals of Speech Communication	3		
CSU Social and Behavioral Sciences/History - Group Course Options:	3		
ECO 2301 Principles of Microeconomics	3		
ECO 2302 Principles of Macroeconomics	3		
HIS 1301 American History I	3		
HIS 1302 American History II	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		
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 2301 Abnormal Psychology	3		
SOC 1301 Introduction to Sociology	3		
SOC 2302 Cultural Geography	3		
CSU Natural Sciences - Group Course Options:	3		
BIO 1301 Non-Majors Biology	3		
BIO 1302 Ecology and the Environment	3		
BIO 1303 General Biology I	3		
BIO 1304 General Biology II	3		
CHM 1301 General Chemistry I	3		
CHM 1302 General Chemistry II	3		
PHY 1301 Physics I	3		
PHY 1302 Physics II	3		

CSU Mathematic – Group Course Options:	3	(Grade of C or better required)	
MAT 1301 Liberal Arts Math	3		
MAT 1302 College Algebra	3		
MAT 1303 Algebra and Trigonometry	3		
MAT 1304 Finite Math	3		
MAT 2301 Elementary Statistics	3		
MAT 2302 Pre-Calculus	3		
MAT 2303 Calculus	3		
CSU English Composition - Group Course Options:	3	(Grade of C or better required)	
ENG 1301 English Composition I	3		
ENG 1302 English Composition II	3		

*** Transfer Credit/General Notes:**

- TSC general education courses can potentially transfer toward CSU general education requirements, as outlined in this agreement, or Open Electives. TSC courses that do not fit CSU’s general education categories will be reviewed for possible Open Electives credit.
- Direct transfer credit for a Major Requirement or General Education course requires the transfer course to be a minimum of 3 semester hours.
- Any TSC 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 TSC, subject to program director approval.
- Credit awarded is subject to degree requirements at the time of enrollment.
- CSU is in the process of converting to new course numbers and anticipates completion by July 1, 2022.
- 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 TSC 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 45 semester hours of transfer credit in the bachelor’s degree program.

TSC Catalog: [TSC Catalog 2022-2023.pdf](#)

CSU Bachelor of Science Degree in Emergency Medical Services Administration
Applicable to students completing the following Texas Southmost College (TSC) program:

Emergency Medical Science Certificate of Proficiency – Level Two

CSU Degree Requirements	Required Semester Credits	TSC Transfer Courses	TSC Transfer Credits*	Credits to take at CSU
<i>Major Requirements</i>	51		6	45
Major Requirements	51	To receive the transfer credit shown in the Major Requirements category, courses must be completed as outlined below.	6	45

EMS 2301 Anatomy and Physiology I	3	BIOL 2301 Humanities Anatomy and Physiology I	3	
EMS 2302 Anatomy and Physiology II	3	BIOL 2302 Human 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	TSC Transfer Courses	TSC Transfer Credits*	Credits to take at CSU
<i>Open Electives + General Education</i>	69		42	27
Open Electives	39	The TSC courses listed below and TSC General Education Courses not applied to CSU's general education requirements may be reviewed for CSU's Open Elective requirement:	39	0
HCA 1301 Basic Medical Terminology	3	HITT 1305 Medical Terminology	3	
		EMSP 1160 Clinical – Emergency Medical Technician I	1	
		EMSP 1501 Emergency Medical Technician	5	
		EMSP 1161 Clinical – Emergency Medical Technician II	1	
		EMSP 1355 Trauma Management	3	

		EMSP 1356 Patient Assessment and Airway Management	3	
		EMSP 2260 Clinical – Emergency Medical Technician III	2	
		EMSP 2330 Special Populations	3	
		EMSP 2306 Emergency Pharmacology	3	
		EMSP 2261 Clinical – Emergency Medical Technician IV	2	
		EMSP 2434 Medical Emergencies	4	
		EMSP 2444 Cardiology	4	
		EMSP 2243 Assessment Based Management	2	
		EMSP 2305 Emergency Operations	3	
		EMSP 2360 Clinical – Emergency Medical Technician V	3	
General Education	30	See CSU General Education Requirements chart for TSC options towards CSU’s General Education requirements.	3	27
Total Credits Required Bachelor of Science in Emergency Medical Services Administration	120		48	72

**CSU General Education Requirements –
Texas Southmost College (TSC) General Education Options in the
Emergency Medical Science Certificate of Proficiency – Level Two**

CSU General Education Requirements and Course Options	Required Semester Credits	TSC General Education Courses	TSC 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 2302 Contemporary Ethics	3		
PHL 2350 (PHI 2301) Philosophies of World Religions	3		
CSU Humanities and Fine Arts - Group B Course Options:	3		
ART 1301 Art Appreciation I	3		
ART 1302 Art Appreciation II	3		

COM 1301 Introduction to Communication	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		
PHL 2350 (PHI 2301) Philosophies of World Religions	3		
PHI 2302 Contemporary Ethics	3		
COM 1302 Fundamentals of Speech Communication	3		
CSU Social/Behavioral Sciences - Group Course Options:	6		
ECO 2301 Principles of Microeconomics	3		
ECO 2302 Principles of 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 2301 Abnormal Psychology	3		
SOC 1301 Introduction to Sociology	3		
SOC 2302 Cultural Geography	3		
CSU Natural Sciences - Group Course Options:	6		
BIO 1301 Non-Majors Biology	3		
BIO 1302 Ecology and the Environment	3		
BIO 1303 General Biology I	3		
BIO 1304 General Biology II	3		
CHM 1301 General Chemistry I	3		
CHM 1302 General Chemistry II	3		
PHY 1301 Physics I	3		
PHY 1302 Physics II	3		
CSU Mathematic - Group Course Options:	3	(Grade of C or better required)	
MAT 1301 Liberal Arts Math	3	MATH 1332 Contemporary Mathematics	3

MAT 1302 College Algebra	3		
MAT 1303 Algebra and Trigonometry	3		
MAT 1304 Finite Math	3		
MAT 2301 Elementary Statistics	3		
MAT 2302 Pre-Calculus	3		
MAT 2303 Calculus	3		
CSU History - Group Course Options:	3		
HIS 1301 American History I	3		
HIS 1302 American History II	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:	6	(Grade of C or better required)	
ENG 1301 English Composition I	3		
ENG 1302 English Composition II	3		

*** Transfer Credit/General Notes:**

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