

Graduation Plan

First Semester			
	Credit Hours	Pre-requisites	Recommended Term(s)
*COL 101 College Orientation	1		1 <sup>st</sup> 8-week
*ENG 101 English Composition I	3	Co-requisite: ENG 032 or equivalent	1 <sup>st</sup> 8-week
*MAT 103 Quantitative Reasoning (@Mathematics)	3	MAT 033 or equivalent- minimum grade of C	1 <sup>st</sup> 8-week
*MAT 120 Probability and Statistics (@Electives)	3	MAT 103 or equivalent- minimum grade of C	2 <sup>nd</sup> 8-week
*ENG 102 English Composition II (@Electives)	3	ENG 101 or equivalent – minimum grade of C	2 <sup>nd</sup> 8-week
*PSY 201 General Psychology (@Social Sciences)	3	Co-requisite: ENG 032 or equivalent	2 <sup>nd</sup> 8-week
<b>TOTAL</b>	<b>16</b>		
Second Semester			
	Credit Hours	Pre-requisites	Recommended Term(s)
*SPC 205 Public Speaking (@Electives)	3	Co-requisite: ENG 032 or equivalent	1 <sup>st</sup> 8-week
*ENG 202 American Literature II (@Humanities/Fine Arts)	3	ENG 102 or equivalent – minimum grade of C	1 <sup>st</sup> 8-week
*MUS 105 Music Appreciation (@Electives)	3	Co-requisite: ENG 032 or equivalent	1 <sup>st</sup> 8-week
*HIS 102 Western Civilization Post 1689 (@Electives)	3	Co-requisite: ENG 032 or equivalent	2 <sup>nd</sup> 8-week
*PSC 201 American Government (@Electives)	3	Co-requisite: ENG 032 or equivalent	2 <sup>nd</sup> 8-week
<b>TOTAL</b>	<b>15</b>		
Humanities Courses			
	Credit Hours	Pre-requisites	Recommended Term(s)
ART 101 Art History and Appreciation	3	Co-requisite: ENG 032 or equivalent	
ENG 201 American Literature I	3	ENG 102 or equivalent – minimum grade of C	
ENG 202 American Literature II	3	ENG 102 or equivalent – minimum grade of C	

A **co-requisite** is a course that must be taken the same semester as, or completed in a previous semester before, another specified course.

A **pre-requisite** is a course that must be completed in order to enter another specified course.

\* Courses in this program that require a minimum grade of “C.”

@ Courses are listed at the end of the document according to the area listed.

**Graduation Plan**

ENG 205 English Literature I	3	ENG 102 or equivalent – minimum grade of C	
ENG 206 English Literature II	3	ENG 102 or equivalent – minimum grade of C	
ENG 208 World Literature I	3	ENG 102 or equivalent – minimum grade of C	
ENG 209 World Literature II	3	ENG 102 or equivalent – minimum grade of C	
HIS 101 Western Civilization to 1689	3	Co-requisite: ENG 032 or equivalent	
HIS 102 Western Civilization Post 1689	3	Co-requisite: ENG 032 or equivalent	
HIS 201 American History: Discovery to 1877	3	Co-requisite: ENG 032 or equivalent	
HIS 202 American History: 1877 to Present	3	Co-requisite: ENG 032 or equivalent	
MUS 105 Music Appreciation	3	Co-requisite: ENG 032 or equivalent	
PHI 101 Introduction to Philosophy	3	Co-requisite: ENG 032 or equivalent	
THE 101 Introduction to Theatre	3	Co-requisite: ENG 032 or equivalent	
<b>Mathematics Courses</b>			
MAT 103 Quantitative Reasoning	3	MAT 033 or equivalent – Minimum grade of C	
MAT 110 College Algebra	3	MAT 105 or equivalent – Minimum grade of C	
MAT 120 Probability and Statistics	3	MAT 103 or MAT 105 or equivalent – Minimum grade of C	
<b>Social Science Courses</b>			
ECO 210 Macroeconomics	3	Co-requisite: ENG 032 or equivalent	
ECO 211 Microeconomics	3	Co-requisite: ENG 032 or equivalent	
PSC 201 American Government	3	Co-requisite: ENG 032 or equivalent	
PSY 201 General Psychology	3	Co-requisite: ENG 032 or equivalent	

A **co-requisite** is a course that must be taken the same semester as, or completed in a previous semester before, another specified course.

A **pre-requisite** is a course that must be completed in order to enter another specified course.

\* Courses in this program that require a minimum grade of “C.”

@ Courses are listed at the end of the document according to the area listed.

**Graduation Plan**

SOC 101 Introduction to Sociology	3	Co-requisite: ENG 032 or equivalent	
<b>Electives (17 credit hours from this area)</b>			
ACC 101 Accounting Principles I	3	Exemption or completion of ACC 111 – Minimum grade of C; Co-requisite: ENG 032 or equivalent	
ACC 102 Accounting Principles II	3	ACC 101 – Minimum grade of C	
ACC 111 Accounting Concepts	3	MAT 033 or equivalent; Co-requisite: ENG 032 or equivalent	
AHS 102 Medical Terminology	3	Co-requisite: ENG 101 or ENG 155	
ART 101 Art History and Appreciation	3	Co-requisite: ENG 032 or equivalent	
AST 101 Solar System Astronomy	4	MAT 032 or above – Minimum grade of C; Co-requisite: ENG 032 or equivalent	
AST 102 Stellar Astronomy	4	MAT 032 or above – Minimum grade of C; Co-requisite: ENG 032 or equivalent	
BIO 101 Biological Science I	4	ENG 032 or equivalent – Minimum grade of C	
BIO 102 Biological Science II	4	ENG 032 or equivalent – Minimum grade of C	
BIO 105 Principles of Biology	4	Co-requisite: ENG 032 or equivalent	
BIO 205 Ecology	3		
BIO 206 Ecology Lab	1		
BIO 210 Anatomy and Physiology I	4	ENG 032 or equivalent – Minimum grade of C	
BIO 211 Anatomy and Physiology II	4	BIO 210 – Minimum grade of C	
BIO 225 Microbiology	4	BIO 101 or BIO 211 – Minimum grade of C	
BTN 103 Introduction to Biotechnology & Laboratory Rotation I	4	ENG 032 or equivalent – Minimum grade of C	
BUS 101 Introduction to Business	3		
BUS 121 Business Law I	3	Co-requisite: ENG 032 or equivalent	
CHM 101 General Chemistry I	4	MAT 105 or equivalent – Minimum grade of C; Co-requisite: ENG 032 or equivalent	

A **co-requisite** is a course that must be taken the same semester as, or completed in a previous semester before, another specified course.

A **pre-requisite** is a course that must be completed in order to enter another specified course.

\* Courses in this program that require a minimum grade of “C.”

@ Courses are listed at the end of the document according to the area listed.

**Certificate**  
**University Studies (CT.UNST 71115)**

**Total Credit Hours: 30**  
**Effective: Fall 2020**

CHM 105 General, Organic and Biochemistry	4	Co-requisite: ENG 032 or equivalent; Recommended: CHM 101 – Minimum grade of C
CHM 110 College Chemistry	4	MAT 105 – Minimum grade of C
CHM 111 College Chemistry	4	CHM 110 – Minimum grade of C
CHM 211 Organic Chemistry I	4	CHM 111- Minimum grade of C
CHM 212 Organic Chemistry II	4	CHM 211 – Minimum grade of C
CHM 275 Introduction to Industrial Chemical Processes	3	EVT 254, CHM 101 or CHM 110 – Minimum grade of C Co-requisite: CHM 105 or CHM 110
CPT 101 Introduction to Computers	3	Co-requisite: ENG 032 or equivalent – Minimum grade of C
CPT 170 Microcomputer Applications	3	Recommended Prerequisite: AOT 101, AOT 105, or equivalent
CRJ 101 Introduction to Criminal Justice	3	Co-requisite: ENG 032 or equivalent
CRJ 115 Criminal Law I	3	Co-requisite: ENG 032 or equivalent
CRJ 125 Criminology	3	Co-requisite: ENG 032 or equivalent
CRJ 224 Police Community Relations	3	Co-requisite: ENG 032 or equivalent
CRJ 236 Criminal Evidence I	3	Co-requisite: ENG 032 or equivalent
CRJ 242 Correctional Systems	3	Co-requisite: ENG 032 or equivalent
ECD 101 Introduction to Early Childhood	3	
ECD 107 Exceptional Children	3	RDG 031 or equivalent and ENG 031 or equivalent
ECD 108 Family and Community Relations	3	RDG 031 or equivalent and ENG 031 or equivalent
ECD 109 Administration and Supervision	3	RDG 031 or equivalent and ENG 031 or equivalent
ECD 203 Growth and Development II	3	ECD 102, RDG 031 or equivalent and ENG 031 or equivalent
ECE 101 Electrical and Electronics Engineering	3	Co-requisite: ENG 032 or equivalent
ECE 102 Instrument Control	3	Co-requisite: ENG 032 or equivalent
ECE 205 Electrical and Computer Lab I	3	ECE 221 or equivalent; ENG 101 or equivalent
ECE 211 Introduction to Computer Engineering I	3	RDG 101 or equivalent and MAT 140
ECE 212 Introduction to Computer Engineering II	3	ECE 211

A **co-requisite** is a course that must be taken the same semester as, or completed in a previous semester before, another specified course.

A **pre-requisite** is a course that must be completed in order to enter another specified course.

\* Courses in this program that require a minimum grade of “C.”

@ Courses are listed at the end of the document according to the area listed.

**Certificate  
University Studies (CT.UNST 71115)**

**Total Credit Hours: 30  
Effective: Fall 2020**

ECE 221 Introduction to Electrical Engineering I	3	MAT 140 or equivalent	
ECE 222 Introduction to Electrical Engineering II	3	ECE 221	
ECE 240 Introduction to Software Engineering	3	EGR 281 or equivalent	
ECE 245 Object-Oriented Programming Techniques	3	ECE 240	
ECO 210 Macroeconomics	3	Co-requisite: ENG 032 or equivalent	
ECO 211 Microeconomics	3	Co-requisite: ENG 032 or equivalent	
EGR 260 Engineering Statics	3	MAT 112 or equivalent	
EGR 264 Introduction to Engineering Mechanics of Solids	3	EGR 260 or equivalent	
EGR 266 Engineering Thermodynamics Fundamentals	3	MAT 141 or equivalent	
EGR 270 Introduction to Engineering	3	ENG 031 or equivalent	
EGR 275 Introduction to Engineering/Computer Graphics	3	ENG 031 or equivalent	
EGR 281 Introduction to Algorithmic Design I	4	ENG 101 or equivalent and RDG 101 or equivalent Co-requisite: MAT 140 or equivalent	
EGR 283 Introduction to Algorithmic Design II	4	EGR 281	
ENG 160 Technical Communications	3	ENG 101 or equivalent – Minimum grade of C	
ENG 201 American Literature I	3	ENG 102 or equivalent – Minimum grade of C	
ENG 202 American Literature II	3	ENG 102 or equivalent – Minimum grade of C	
ENG 205 English Literature I	3	ENG 102 or equivalent – Minimum grade of C	
ENG 206 English Literature II	3	ENG 102 or equivalent – Minimum grade of C	
ENG 208 World Literature I	3	ENG 102 or equivalent – Minimum grade of C	
ENG 209 World Literature II	3	ENG 102 or equivalent – Minimum grade of C	
ENG 214 Fiction	3	ENG 102 or equivalent – Minimum grade of C	

A **co-requisite** is a course that must be taken the same semester as, or completed in a previous semester before, another specified course.

A **pre-requisite** is a course that must be completed in order to enter another specified course.

\* Courses in this program that require a minimum grade of "C."

@ Courses are listed at the end of the document according to the area listed.

**Certificate  
University Studies (CT.UNST 71115)**

**Total Credit Hours: 30  
Effective: Fall 2020**

ENG 238 Creative Writing	3	ENG 101 or equivalent – Minimum grade of C	
EVT 110 Introduction to Treatment Facilities	3	CHM 101 or CHM 110	
EVT 111 Introduction to Water & Wastewater Treatment Facilities	1		
EVT 201 Environmental Science	3	CHM 105	
EVT 206 Introduction to Environmental Compliance	3		
EVT 254 Industrial Safety & Emergency Response	3		
FRE 101 Elementary French I	4	Co-requisite: ENG 032 or equivalent	
FRE 102 Elementary French II	4	FRE 101 – Minimum grade of C	
GER 101 Elementary German I	4	Co-requisite: ENG 032 or equivalent	
GER 102 Elementary German II	4	GER 101 – Minimum grade of C	
HIS 101 Western Civilization to 1689	3	Co-requisite: ENG 032 or equivalent	
HIS 102 Western Civilization Post 1689	3	Co-requisite: ENG 032 or equivalent	
HIS 201 American History: Discovery to 1877	3	Co-requisite: ENG 032 or equivalent	
HIS 202 American History: 1877 to Present	3	Co-requisite: ENG 032 or equivalent	
HSS 205 Technology and Society	3	Co-requisite: ENG 032 or equivalent	
JOU 101 Introduction to Journalism	3	Co-requisite: ENG 032 or equivalent	
JOU 201 News Writing	3	ENG 101 or equivalent – Minimum grade of C	
MAT 103 Quantitative Reasoning		MAT 033 or equivalent – Minimum grade of C	
MAT 110 College Algebra	3	MAT 105 or equivalent – Minimum grade of C	
MAT 112 Precalculus	5	MAT 105 or equivalent - Minimum grade of C	
MAT 120 Probability and Statistics	3	MAT 103 or MAT 105 or equivalent – Minimum grade of C	
MAT 122 Finite College Mathematics	3	MAT 110 or equivalent – Minimum Grade of C	
MAT 130 Elementary Calculus	3	MAT 110 or equivalent – Minimum grade of C	
MAT 140 Analytical Geometry & Calculus I	4	MAT 112 or equivalent – Minimum grades of C	

A **co-requisite** is a course that must be taken the same semester as, or completed in a previous semester before, another specified course.

A **pre-requisite** is a course that must be completed in order to enter another specified course.

\* Courses in this program that require a minimum grade of “C.”

@ Courses are listed at the end of the document according to the area listed.

**Certificate**  
**University Studies (CT.UNST 71115)**

**Total Credit Hours: 30**  
**Effective: Fall 2020**

MAT 141 Analytical Geometry & Calculus II	4	MAT 140 or equivalent – Minimum grade of C
MAT 165 Statistics	3	MAT 101 or equivalent – Minimum grade of C
MAT 240 Analytical Geometry and Calculus III	4	MAT 141 or equivalent – Minimum grade of C
MAT 242 Differential Equations	4	MAT 240 or equivalent – Minimum grade of C
MAT 250 Elementary Mathematics	3	Successful completion of the Skills Check Test – Minimum score of 70
MAT 251 Elementary Mathematics	3	MAT 250 – Minimum grade of C
MGT 101 Principles of Management	3	
MKT 101 Marketing	3	
MUS 105 Music Appreciation	3	Co-requisite: ENG 032 or equivalent
PHI 101 Introduction to Philosophy	3	Co-requisite: ENG 032 or equivalent
PHI 110 Ethics	3	Co-requisite: ENG 032 or equivalent
PHS 101 Physical Science	4	
PHY 201 Physics I	4	ENG 032; MAT 110 or MAT 112 – Minimum grade of C
PHY 202 Physics II	4	PHY 201 – Minimum grade of C
PHY 221 University Physics I	4	MAT 112 – Minimum grade of C; Co-requisites: MAT 130 or MAT 140 and ENG 101
PHY 222 University Physics II	4	PHY 221 – Minimum grade of C
PSC 201 American Government	3	Co-requisite: ENG 032 or equivalent
PSC 215 State and Local Government	3	Co-requisite: ENG 032 or equivalent
PSC 220 Introduction to International Relations	3	Co-requisite: ENG 032 or equivalent
PSY 201 General Psychology	3	Co-requisite: ENG 032 or equivalent
PSY 203 Human Growth and Development	3	Co-requisite: ENG 032 or equivalent
PSY 212 Abnormal Psychology	3	Co-requisite: ENG 032 or equivalent
SCI 150 Forensic Science I	4	Co-requisite: ENG 032 or equivalent
SOC 101 Introduction to Society	3	Co-requisite: ENG 032 or equivalent
SOC 102 Marriage and the Family	3	Co-requisite: ENG 032 or equivalent
SOC 205 Social Problems	3	Co-requisite: ENG 032 or equivalent
SPA 101 Elementary Spanish I	4	Co-requisite: ENG 032 or equivalent
SPA 102 Elementary Spanish II	4	SPA 101 – Minimum grade of C
SPA 201 Intermediate Spanish I	3	SPA 102 – Minimum grade of C

A **co-requisite** is a course that must be taken the same semester as, or completed in a previous semester before, another specified course.

A **pre-requisite** is a course that must be completed in order to enter another specified course.

\* Courses in this program that require a minimum grade of “C.”

@ Courses are listed at the end of the document according to the area listed.

**Certificate  
University Studies (CT.UNST 71115)**

**Total Credit Hours: 30  
Effective: Fall 2020**

SPC 205 Public Speaking	3	Co-requisite: ENG 032 or equivalent	
THE 101 Introduction to Theatre	3	Co-requisite: ENG 032 or equivalent	
THE 250 Makeup for Performance	3	Co-requisite ENG: 032 or equivalent	
THE 253 Stagecraft	3	Co-requisite ENG: 032 or equivalent	
THE 259 Stage Management	3	Co-requisite ENG: 032 or equivalent	
THE 263 Fundamentals of Directing	3	Co-requisite ENG: 032 or equivalent	
THE 276 Script Analysis	3	Co-requisite ENG: 032 or equivalent	

A **co-requisite** is a course that must be taken the same semester as, or completed in a previous semester before, another specified course.

A **pre-requisite** is a course that must be completed in order to enter another specified course.

\* Courses in this program that require a minimum grade of "C."

@ Courses are listed at the end of the document according to the area listed.