

Elementary Education Course Equivalency Guide

COMPETENCY	LU ONLINE Course Options	Available Courses from: Straighterline Study.com Sophia Learning https://www.liberty.edu/online/transfer-partnerships/	Available College Level Exams: CLEP or DSST/Dantes *all exams are 3 credit hours each unless noted otherwise
AREA ONE: ENGLISH (6 hours) <i>The VDOE requires that courses must be taken in two separate areas out of the following (Composition, Oral Communication, Literature) to fulfill the English requirement.</i>			
Composition	Undergrad level: ENGL 101/Composition & Rhetoric ENGL 102/Composition & Literature ENGL 333/Modern Grammar ENGL 350/Advanced Expository Writing Grad Level: ENGL 607/Composition Studies ENGL 633/Advanced English Grammar	Straighterline: ENG 101/English Composition I ENG 102/English Composition II Study.com: English 104/College Composition I English 105/College Composition II English 204/English Composition I English 205/English Composition II English 305/Advanced Technical Writing Sophia Learning: ENG 1001/English Composition I ENG 1002/English Composition II	CLEP Exams accepted: College Composition (essay portion not needed)
Oral Communication (Speech)	Undergrad level: COMS 101/Speech Communication Grad Level: COMS 520/ Communication Theory & Practices COMS 522/Interpersonal Communication Theory & Practice	Straighterline: COM 101/Intro to Communications Study.com: Communications 101/Public Speaking Communications 102/Interpersonal Communication Sophia Learning: COMM 1002/Public Speaking	DSST/Dantes Exams accepted: Principles of Public Speaking

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Literature	Undergrad level: ENGL 215/English Literature I ENGL 216/English Literature II ENGL 201/ American Literature I ENGL 202/American Literature II ENGL 221/World Literature I ENGL 222/English Literature II ENGL 322/Shakespeare ENGL 341/American Realism & Naturalism ENGL 460/ Christian Literature Grad Level: ENGL 637/Studies in African American Literature ENGL 656/Studies in World Literature	Study.com: English 101/English Literature English 102/American Literature English 301/Non-Western Literature English 310/Short Stories	CLEP Exams accepted: American Literature English Literature
AREA TWO: MATHEMATICS (6 hours) <i>The VDOE requires that courses must be taken in two separate areas out of the following (College Algebra, Statistics, Geometry) to fulfill the Math requirement.</i> *Please note that per the VDOE the following courses cannot be used to fulfill math requirements: Quantitative Reasoning, Intermediate Algebra, Fundamentals of Math, Finite Math, Math for Liberal Arts, Psychology Statistics, or Social Science Statistics.			
College Algebra	Undergrad level: MATH 121/College Algebra MATH 126/Elementary Calculus for Business & Science MATH 131/Calculus & Analytic Geometry I MATH 132/Calculus & Analytic Geometry II Grad Level: MATH 510/Applied Linear Algebra MATH 520/Abstract Algebraic Systems MATH 530/Foundations of Multivariable Calculus	Straighterline: MAT 101/College Algebra MAT 201/Precalculus Study.com: MATH 101/College Algebra MATH 103/Precalculus MATH 105/Precalculus Algebra Sophia Learning: MATH 1001/College Algebra	CLEP Exams accepted: College Algebra Pre-calculus DSST/Dantes Exams accepted: Fundamentals of College Algebra
Probability & Statistics	Undergrad level: MATH 201/Intro to Probability & Statistics	Straighterline: MAT 150/Business Statistics MAT 202/Intro to Statistics Study.com: Statistics 101/Principles of Statistics Sophia Learning: STAT 1001/Intro to Statistics	DSST/Dantes Exams accepted: Principles of Statistics

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Geometry	Undergrad level: MATH 217/ Elementary Geometry MATH 131/ Calculus & Analytic Geometry I MATH 132/ Calculus & Analytic Geometry II MATH 405/Fundamentals of Modern Geometry Grad Level: MATH 505/Fundamentals of Modern Geometry	Straighterline: MAT 250/General Calculus I MAT 251/General Calculus II Study.com: MATH 104/Calculus Geometry 101/Intro to Geometry Sophia Learning: MATH 1040/Calculus I	CLEP Exams accepted: Calculus (Geometry)
AREA THREE: LABORATORY SCIENCES (9 hours) <i>The VDOE requires that courses must be taken in two separate areas out of the following Science Discipline (Biology, Chemistry, Physics, & Earth/Space Science) to fulfill the science requirement.</i> <i>**Please note, 9 hours is a <u>minimum requirement</u> stated by the VDOE. If students have met the 2 different science disciplines (lectures and labs) but have 1 remaining hour, students can complete this hour with an additional Lecture or Lab to fulfill the minimum 9 hours. Only undergraduate level Science courses are offered</i>			
Biology	Science Lecture Options: BIOL 101/ Principles of Biology BIOL 102/Principles of Human Biology Science Lab Options: BIOL 103/Principles of Biology Lab	Straighterline: BIO 101/Intro to Biology / BIO101L/Intro to Biology Lab BIO 201/Anatomy & Physiology I / BIO 201L/Anat & Phys I Lab BIO 202/Anatomy & Physiology II / BIO 202L/Anat & Phys II Lab BIO 250/Microbiology / BIO 250L/Microbiology Lab Study.com: Biology 101/Intro to Biology Biology 101L/Intro to Biology w/Lab (<u>4 hours</u>) Biology 102/Basic Genetics Biology 103/Microbiology Biology 105/Anatomy & Physiology Biology 201L/Anat & Phys I w/Lab (<u>4 hours</u>) Biology 202L/Anat & Phys II w/Lab (<u>4 hours</u>) Genetics 101/Intro to Genetics Sophia Learning: SCIE 1020/Human Biology SCIE 1021/Human Biology Lab SCIE 1050/Anatomy & Physiology I SCIE 1051/Anatomy & Physiology I Lab SCIE 1055/Anatomy & Physiology II SCIE 1056/Anatomy & Physiology II Lab SCIE 1045/Microbiology SCIE 1046/Microbiology Lab	CLEP Exams accepted: Biology *Exams do not include Labs. Labs must be completed separately to fulfill the requirement.

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Chemistry	At this time, there are no LU Online courses offered for Chemistry.	Straighterline: CHEM 101/General Chemistry I / CHEM 101L/Gen Chem I Lab CHEM 250/Organic Chemistry I CHEM 251/Organic Chemistry II CHEM 450/Biochemistry / CHEM 450L/Biochemistry Lab Study.com: Chemistry 101/General Chemistry Chemistry 111L/Chemistry I w/Lab (4 hours) Chemistry 112L/Chemistry II w/Lab (4 hours) Sophia Learning: CHEM 1001/Intro to Chemistry CHEM 1002/Intro to Chemistry Lab	CLEP Exams accepted: Chemistry *Exams do not include Labs. Labs must be completed separately to fulfill the requirement.
Physics	Science Lecture Options: PHYS 101/Elements of Physics PHYS 201/General Physics I (includes lab) Science Lab Options: PHYS 103/Elements of Physics Lab	Straighterline: PHY 250/General Physics I / PHY 250L/Gen Physics I Lab Study.com: Physics 101/Intro to Physics Physics 111/Physics I Physics 112/Physics II Sophia Learning: SCIE 1060/Intro to Physics	No exams are available for this section at this time
Earth/Space Science	Science Lecture Options: PHSC 210/Elements of Earth Science PHSC 121/Intro to Astronomy PHSC 311/Oceanography PHSC 312/Meteorology ENVR 320/ Environment & Sustainability ENVR 330/ Energy Resources & Efficiencies ENVR 350/ Environmental Science & Policy Science Lab Options: PHSC 211/Elements of Earth Science Lab PHSC 122/Elements of Astronomy Lab	Straighterline: ENV 101/Intro to Environmental Science Study.com: Astronomy 101/Intro to Astronomy Earth Science 101/Earth Science Earth Science 104/Intro to Meteorology Environmental Science 101/Environment & Humanity Geology 101/Physical Geology Sophia Learning: SCIE 1005/Environmental Science	DSST/Dantes Exams accepted: Astronomy Environmental Science Intro to Geology *Exams do not include Labs. Labs must be completed separately to fulfill the requirement
AREA FOUR: HISTORY (3 hours) <i>Either American History or World History must be taken to fulfill the History requirement.</i>			

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American History	Undergrad level: HIUS 221/Survey of American History I HIUS 222/Survey of American History II HIUS 420/Civil War & Reconstruction Grad Level: HIUS 510/Virginia Colonial History HIUS 512/American Revolution HIUS 520/Civil War & Reconstruction	Straighterline: USHIST 101/US History I USHIST 102/US History II Study.com: History 103/US History I History 104/US History II History 105/US History from Settlement to Present Day History 306/The American Civil War Era History 307/American Civil Rights Movement Sophia Learning: HIST 1001/U.S. History I HIST 1002/U.S. History II	CLEP Exams accepted: History of the US I History of the US II DSST/Dantes Exams accepted: Civil War and Reconstruction
World History	Undergrad level: HIEU 201/History of Western Civilization I HIEU 202/History of Western Civilization II HIWD 370/Age of the Enlightenments Grad Level: HIWD 555/Modern European Military History	Straighterline: CIV 101/Western Civilization I CIV 102/Western Civilization II CIV 103/Survey of World History Study.com: History 100/Western Civ from Prehistory to Post WWII History 101/Western Civilization I History 102/Western Civilization II	CLEP Exams accepted: Western Civilization I Western Civilization II DSST/Dantes Exams accepted: History of the Soviet Union
AREA FIVE: SOCIAL SCIENCE (3 hours) <i>Either Geography or Economics must be taken to fulfill the Social Science requirement. (Sociology and Psychology are <u>not</u> approved to fulfill the Social Science section from the VDOE)</i>			
Geography	Undergrad level: GEOG 200/ Intro to Geography GEOG 305/Physical Geography GEOG 310/Human Geography Grad Level: GEOG 510/Human Geography GEOG 520/Historical Geography GEOG 620/Economic Geography	Study.com: Geography 101/Human & Cultural Geography	DSST/Dantes Exams accepted: Introduction to Geography

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Economics	Undergrad level: ECON 110/Survey of Economics ECON 213/Principles of Microeconomics ECON 214/Principles of Macroeconomics ECON 350/Classical Economics Grad Level: ECON 613/Microeconomic Theory ECON 614/Macroeconomic Theory	Straighterline: ECON 101/Macroeconomics ECON 102/Microeconomics Study.com: Economics 101/Prin of Microeconomics Economics 102/Prin of Macroeconomics Sophia Learning: ECON 1001/Macroeconomics ECON 1002/Microeconomics	CLEP Exams accepted: Principles of Macroeconomics Principles of Microeconomics
AREA SIX: ARTS (3 hours) A History/Appreciation Course *Can include Music, Theatre, or Cinematic Arts History and/or Appreciation.			
Arts Elective	Undergrad level: ARTS 105/Art Appreciation ARTS 201/History of Art I ARTS 202/History of Art II ARTS 205/20th-21st Century Art CSTU 101/Western Culture MUSC 103/Music Appreciation Grad Level: MUSC 620/Music in America	Straighterline: ART 101/Art Appreciation Study.com: Art 103/History of Western Art I Art 104/History of Western Art II Humanities 101/Intro to Humanities Sophia Learning: ArtHist 1001/Art History I ArtHist 1002/Art History II	DSST/Dantes Exams accepted: Art of the Western World

6.18.26 - For our Transfer Partnerships, please visit our website at: <https://www.liberty.edu/online/transfer-partnerships/> . Please note, our partnerships update yearly and at times, these courses can change.

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