

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) Any 2 of the 3 (Composition, Oral Communication, Literature) must be taken to fulfill the English requirement. We cannot use both English Comp 1 and English Comp 2 to fulfill the English section.			
Composition	<p>Undergrad level: ENGL 101/Composition & Rhetoric ENGL 102/Composition & Literature ENGL 333/Modern Grammar ENGL 350/Advanced Expository Writing</p> <p>Grad Level: ENGL 607/Composition Studies ENGL 633/Advanced English Grammar</p>	<p>Straighterline: ENG 101/English Composition I ENG 102/English Composition II</p> <p>Study.com: English 104/College Composition I English 105/College Composition II English 305/Advanced Technical Writing</p> <p>Sophia Learning: ENG 1001/English Composition I ENG 1002/English Composition II</p>	CLEP Exams accepted: College Composition (essay portion not needed)
Oral Communication (Speech)	<p>Undergrad level: COMS 101/Speech Communication</p> <p>Grad Level: COMS 520/ Communication Theory & Practices COMS 522/Interpersonal Communication Theory & Practice</p>	<p>Straighterline: COM 101/Intro to Communications</p> <p>Study.com: Communications 101/Public Speaking Communications 102/Interpersonal Communication</p> <p>Sophia Learning: COMM 1002/Public Speaking</p>	DSST/Dantes Exams accepted: Principles of Public Speaking
Literature	<p>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</p> <p>Grad Level: ENGL 637/Studies in African American Literature ENGL 656/Studies in World Literature</p>	<p>Study.com: English 101/English Literature English 102/American Literature English 301/Non-Western Literature English 310/Short Stories</p>	CLEP Exams accepted: American Literature English Literature

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AREA TWO: MATHEMATICS (6 hours) Any 2 of the 3 (College Algebra, Statistics, Geometry) must be taken to fulfill the Math requirement. *Please note that Quantitative Reasoning, Intermediate Algebra, Fundamentals of Math, or Math for Liberal Arts cannot be used to fulfill the 6 hours of Math. We cannot use Psychology or Social Science Statistics. Courses must be Math.

<p>College Algebra</p>	<p>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</p> <p>Grad Level: MATH 510/Applied Linear Algebra MATH 520/Abstract Algebraic Systems MATH 530/Foundations of Multivariable Calculus</p>	<p>Straighterline: MAT 101/College Algebra MAT 201/Precalculus</p> <p>Study.com: MATH 101/College Algebra MATH 103/Precalculus MATH 105/Precalculus Algebra</p> <p>Sophia Learning: CA 1001/College Algebra</p>	<p>CLEP Exams accepted: College Algebra Pre-calculus</p> <p>DSST/Dantes Exams accepted: Fundamentals of College Algebra</p>
<p>Probability & Statistics</p>	<p>Undergrad level: MATH 201/Intro to Probability & Statistics</p>	<p>Straighterline: MAT 150/Business Statistics MAT 202/Intro to Statistics</p> <p>Study.com: Statistics 101/Principles of Statistics</p> <p>Sophia Learning: STAT 1001/Intro to Statistics</p>	<p>DSST/Dantes Exams accepted: Principles of Statistics</p>
<p>Geometry</p>	<p>Undergrad level: MATH 217/ Elementary Geometry MATH 131/ Calculus & Analytic Geometry I MATH 132/ Calculus & Analytic Geometry II MATH 405/Fundamentals of Modern Geometry</p> <p>Grad Level: MATH 505/Fundamentals of Modern Geometry</p>	<p>Straighterline: MAT 250/General Calculus I MAT 251/General Calculus II</p> <p>Study.com: MATH 104/Calculus Geometry 101/Intro to Geometry</p> <p>Sophia Learning: MATH 1040/Calculus I</p>	<p>CLEP Exams accepted: Calculus (Geometry)</p>

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AREA THREE: LABORATORY SCIENCES (9 hours) Please note, 9 hours is a minimum requirement 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.

***This section must include 2 of the four Science Disciplines: Biology, Chemistry, Physics, & Earth/Space Science.**

** only undergraduate level Science courses are offered.

<p style="text-align: center;">Biology</p>	<p style="text-align: center;">Science Lecture Options: BIOL 101/ Principles of Biology BIOL 102/Principles of Human Biology</p> <p style="text-align: center;">Science Lab Options: BIOL 103/Principles of Biology Lab</p>	<p style="text-align: center;">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</p> <p style="text-align: center;">Study.com: Biology 101/Intro to Biology Biology 101L/Intro to Biology w/Lab (4 hours) Biology 102/Basic Genetics Biology 103/Microbiology Biology 105/Anatomy & Physiology Genetics 101/Intro to Genetics</p> <p style="text-align: center;">Sophia Learning: HumBio 1001/Human Biology SCIE 1021/Human Biology Lab</p>	<p style="text-align: center;">CLEP Exams accepted: Biology</p> <p style="text-align: center;">*Exams do not include Labs. Labs must be completed separately to fulfill the requirement.</p>
<p style="text-align: center;">Chemistry</p>	<p style="text-align: center;">At this time, there are no LU Online courses offered for Chemistry.</p>	<p style="text-align: center;">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</p> <p style="text-align: center;">Study.com: Chemistry 101/General Chemistry Chemistry 111L/Chemistry I w/Lab (4 hours) Chemistry 112L/Chemistry II w/Lab (4 hours)</p> <p style="text-align: center;">Sophia Learning: CHEM 1001/Intro to Chemistry CHEM 1002/Intro to Chemistry Lab</p>	<p style="text-align: center;">CLEP Exams accepted: Chemistry</p> <p style="text-align: center;">*Exams do not include Labs. Labs must be completed separately to fulfill the requirement.</p>
<p style="text-align: center;">Physics</p>	<p style="text-align: center;">Science Lecture Options: PHYS 101/Elements of Physics PHYS 201/General Physics I (includes lab)</p> <p style="text-align: center;">Science Lab Options: PHYS 103/Elements of Physics Lab</p>	<p style="text-align: center;">Straighterline: PHY 250/General Physics I / PHY 250L/Gen Physics I Lab</p> <p style="text-align: center;">Study.com: Physics 101/Intro to Physics Physics 111/Physics I Physics 112/Physics II</p>	<p style="text-align: center;">No exams are available for this section at this time</p>

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<p>Earth/Space Science</p>	<p>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</p> <p>Science Lab Options: PHSC 211/Elements of Earth Science Lab PHSC 122/Elements of Astronomy Lab</p>	<p>Straighterline: ENV 101/Intro to Environmental Science</p> <p>Study.com: Earth Science 101/Earth Science Earth Science 104/Intro to Meteorology Environmental Science 101/Environment & Humanity Geology 101/Physical Geology</p> <p>Sophia Learning: ENVS 1001/Environmental Science</p>	<p>DSST/Dantes Exams accepted: Astronomy Environmental Science Intro to Geology</p> <p>*Exams do not include Labs. Labs must be completed separately to fulfill the requirement</p>
<p>AREA FOUR: HISTORY (3 hours) <i>Either American History or World History must be taken to fulfill the History requirement.</i></p>			
<p>American History</p>	<p>Undergrad level: HIUS 221/Survey of American History I HIUS 222/Survey of American History II HIUS 420/Civil War & Reconstruction</p> <p>Grad Level: HIUS 510/Virginia Colonial History HIUS 512/American Revolution HIUS 520/Civil War & Reconstruction</p>	<p>Straighterline: USHIST 101/US History I USHIST 102/US History II</p> <p>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</p> <p>Sophia Learning: HIST 1001/U.S. History I HIST 1002/U.S. History II</p>	<p>CLEP Exams accepted: History of the US I History of the US II</p> <p>DSST/Dantes Exams accepted: Civil War and Reconstruction</p>
<p>World History</p>	<p>Undergrad level: HIEU 201/History of Western Civilization I HIEU 202/History of Western Civilization II HIWD 370/Age of the Enlightenment</p> <p>Grad Level: HIWD 555/Modern European Military History</p>	<p>Straighterline: CIV 101/Western Civilization I CIV 102/Western Civilization II CIV 103/Survey of World History</p> <p>Study.com: History 100/Western Civ from Prehistory to Post WWII History 101/Western Civilization I History 102/Western Civilization II</p>	<p>CLEP Exams accepted: Western Civilization I Western Civilization II</p> <p>DSST/Dantes Exams accepted: History of the Soviet Union</p>

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AREA FIVE: SOCIAL SCIENCE (3 hours) *Either Geography or Economics must be taken to fulfill the Social Science requirement. (Sociology and Psychology are not approved to fulfill the Social Science section from the VDOE)*

<p>Geography</p>	<p>Undergrad level: GEOG 200/ Intro to Geography GEOG 305/Physical Geography GEOG 310/Human Geography</p> <p>Grad Level: GEOG 510/Human Geography GEOG 520/Historical Geography GEOG 620/Economic Geography</p>	<p>No online courses are available for this section at this time</p>	<p>DSST/Dantes Exams accepted: Introduction to Geography</p>
<p>Economics</p>	<p>Undergrad level: ECON 110/Survey of Economics ECON 213/Principles of Microeconomics ECON 214/Principles of Macroeconomics ECON 350/Classical Economics</p> <p>Grad Level: ECON 613/Microeconomic Theory ECON 614/Macroeconomic Theory</p>	<p>Straighterline: ECON 101/Macroeconomics ECON 102/Microeconomics</p> <p>Study.com: Economics 101/Prin of Microeconomics Economics 102/Prin of Macroeconomics</p> <p>Sophia Learning: ECON 1001/Macroeconomics ECON 1002/Microeconomics</p>	<p>CLEP Exams accepted: Principles of Macroeconomics Principles of Microeconomics</p>

AREA SIX: ARTS (3 hours) *A History/Appreciation Course *Can include Music, Theatre, or Cinematic Arts History and/or Appreciation.*

<p>Arts Elective</p>	<p>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</p> <p>Grad Level: MUSC 620/Music in America</p>	<p>Straighterline: ART 101/Art Appreciation</p> <p>Study.com: Art 103/History of Western Art I Art 104/History of Western Art II Humanities 101/Intro to Humanities</p> <p>Sophia Learning: ArtHist 1001/Art History I ArtHist 1002/Art History II</p>	<p>DSST/Dantes Exams accepted: Art of the Western World</p>
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8.1.23 - 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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