

## Clark University—Program of Liberal Studies

The foundation of a Clark undergraduate education is the Program of Liberal Studies. Through this program, students acquire the intellectual habits, skills and perspectives that are essential for self-directed learning. They are given a framework within which they can select a program of study and receive a broad introduction to liberal and lifelong learning. Students have the option of fulfilling the requirements of the Program of Liberal Studies through the International Studies Stream, a special program, which consists of courses that prepare them to better understand global, political, cultural and economic issues.

**This document provides Quinsigamond Community College courses that meet the Liberal Studies program requirements.**

The Program of Liberal Studies has two components:

1. **Critical Thinking Courses**
2. **Perspective Courses**

**Critical Thinking Courses:** While every course in the University involves work in critical thinking, two types of courses place special emphasis on the cultivation of these skills:

- A. **Verbal Expression**
- B. **Formal Analysis**

Students take one course in each area

- ❖ **Verbal Expression (1 course):** Verbal Expression courses place special emphasis on the relationship between writing and critical thinking within a particular discipline. VE = Verbal Expression.

<b>ENG 102</b>	Composition & Literature II	3 credits	VE
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- ❖ **Formal Analysis (1 course):** Formal Analysis courses include the use of a formal, symbolic language as appropriate for a specific discipline, rules of logic for that language, and the use of that language for modeling the subject matter of the discipline. FA = Formal Analysis.

<b>MAT 122</b>	Statistics	3 credits	FA
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<b>MAT 233</b>	Calculus I	4 credits	FA
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<b>MAT 234</b>	Calculus II	4 credits	FA
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<b>MAT 237</b>	Probability & Statistics for Engineers and Scientists	3 credits	FA
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**Perspective Courses:** Perspective courses offer breadth and introduce students to the different ways in which various disciplines or fields define thinking, learning and knowing. Students must successfully complete one course in each of the following six perspective categories, with each course taken in a different academic department.

1. **Aesthetic Perspective (1 course):** Aesthetic perspective courses emphasize artistic expression and the perception, analysis and evaluation of aesthetic form. These courses are designed to enhance students' appreciation and understanding of the arts. AP = Aesthetic Perspective.

<b>APA 121</b>	Graphic Design I	3 credits	AP
<b>ART 111</b>	A History Of Art I	3 credits	AP
<b>ART 121</b>	Contemporary Art	3 credits	AP
<b>ART 131</b>	Introduction to Drawing I	3 credits	AP
<b>ART 256</b>	American Architecture	3 credits	AP

2. **Global Comparative Perspective (1 course):** Global Comparative Perspective courses introduce students to comparative analysis by exploring the cultural, political or economic aspects of human diversity around the world. They provide students with tools for analyzing human experience by examining similarities and differences in a global or international context. GP = Global Perspective.

<b>ANT 111</b>	Cultural Anthropology	3 credits	GP
<b>PHI 121</b>	World Religions: From Primitives Through Zen	3 credits	GP
<b>PHI 124</b>	Judaism, Christianity and Islam	3 credits	GP

3. **Historical Perspective (1 course):** Historical Perspective courses develop students' capacity to understand the contemporary world in the larger framework of tradition and history. Courses focus on the problems of interpreting the past and can also deal with the relationship between past and present. All courses are broad in scope and introduce students to the ways scholars think critically about the past, present and future. HP = Historical Perspective.

<b>HST 105</b>	World History II: 1500 to World War One	3 credits	HP
<b>HST 106</b>	World History III: World War I to Present	3 credits	HP
<b>HST 241</b>	History of Chinese Civilization	3 credits	HP

4. **Language and Culture Perspective (1 course):** Language and Culture Perspective courses foster the study of languages as an expression of culture. Students may study foreign languages, which highlight the relationship between language and culture, or approved English-Language courses that deal with the same issue. LP = Language and Culture Perspective.

<b>ASL 112</b>	Beginning American Sign Language II	3 credits	LP
<b>GER 112</b>	Beginning German II	3 credits	LP
<b>GER 211</b>	Intermediate German I	3 credits	LP
<b>GER 212</b>	Intermediate German II	3 credits	LP
<b>SPN 211</b>	Intermediate Spanish I	3 credits	LP
<b>SPN 212</b>	Intermediate Spanish II	3 credits	LP

5. **Natural Scientific Perspective (1 course):** Scientific Perspective courses teach the principal methods and results of the study of the natural world. Courses focus on the knowledge and theoretical bases of science. They also include laboratories or similar components to introduce students to the observation of natural phenomena and the nature of scientific study. SP = Natural Science Perspective.

<b>BIO 101</b>	General Biology: Core Concepts	4 credits	SP
<b>BIO 102</b>	Introduction to Organ Systems	4 credits	SP
<b>BIO 105</b>	Principles of Ecology	4 credits	SP
<b>PHY 105</b>	General Physics I	4 credits	SP
<b>SCI 111</b>	Physical Science I	4 credits	SP
<b>SCI 112</b>	Physical Science II	4 credits	SP
<b>SCI 13 SCI 140</b>	Astronomy I: Close to Home	4 credits	SP
<b>SCI 135</b>	Introduction to Astronomy	3 credits	SP

6. **Values Perspective (1 course):** Values Perspective Courses examine the moral dimension of human life as reflected in personal behavior, institutional structures and public policy in global communities. Courses taught from the values perspective focus not only on the systematic formulation and analysis of moral and ethical claims, but also on how moral decisions affect both the individual and society. VP = Values Perspective.

<b>ALH 106 (BSS 211)</b>	Medical Law and Ethics	3 credits	VP
<b>BSL 103</b>	E-Business Law & Ethics	3 credits	VP
<b>IDS 113</b>	Ethical Issues in Business & the Professions	3 credits	VP
<b>IDS 215</b>	Bioethics	3 credits	VP
<b>PHI 131</b>	Man And Morality: An Introduction to Ethics	3 credits	VP

**Courses from QCC approved transferable to Clark**

**ACCOUNTING:**

**ACC 101** Financial Accounting I 3 credits

**ACC 102** Financial Accounting II 3 credits

**ACC 201** Intermediate Accounting I 3 credits

**ACC 211** Federal Taxation 3 credits

**ACC 222** Managerial Accounting 3 credits

**ALLIED HEALTH:**

**ALH 106 (BSS 211)** Medical Law and Ethics 3 credits **VP**

**ALH 107 (BSS 111)** Medical Coding and Billing 3 credits

**AMERICAN SIGN LANGUAGE:**

**ASL 111** Beginning American Sign Language I 3 credits

**ASL 112** Beginning American Sign Language II 3 credits **LP**

**ASL 113** Introduction to Deaf Studies 3 credits

**ASL 211** Intermediate American Sign Language I 3 credits

**ASL 212** American Sign Language IV 3 credits

**ANTHROPOLOGY:**

**ANT 111** Cultural Anthropology 3 credits **GP**

**ANT 221** Physical Anthropology 3 credits

**APPLIED ARTS:**

**APA 111** Color & Design I 3 credits

**APA 112** Color & Design II 3 credits

**APA 114** Digital Design Concepts I 3 Credits

**APA 115** Digital Design Concepts II 3 Credits

**APA 121** Graphic Design I 3 credits AP

**APA 122** Graphic Design II 3 credits

**APA 151** Digital Drawing I 3 credits

**APA 152** Digital Drawing II 3 credits

**APA 154** Digital Imaging and Media 3 credits

**APA 155** Digital Illustration and Animation 3 credits

**APA 161** Digital Photography 3 credits

**APA 181** Website Design I 3 credits

**APA 221** Advertising Design 3 credits

**APA 222** Publication Design 3 credits

**APA 254** Graphic Design Processes 3 credits

**APA 262** Photographic Illustration 3 credits

**APA 271** Typography for Print and Electronic Publication 3 credits

**APA 275** Motion Graphics 3 credits

**APA 282** Website Design II 3 credits

**APA 285** Webmaster Production Processes 3 credits

**ART:**

**ART 101** Art Appreciation 3 credits

**ART 111** A History Of Art I 3 credits **AP**

**ART 112** A History Of Art II 3 credits

**ART 121** Contemporary Art 3 credits **AP**

**ART 131** Introduction to Drawing I 3 credits **AP**

**ART 132** Introduction to Drawing II 3 credits

**ART 141** Photographing People 3 credits

**ART 143** Nature, Scenic, and Travel Photography 3 credits

**ART 211** History of Graphic Design 3 credits

**ART 231** Introduction to Watercolor 3 credits

**ART 256** American Architecture 3 credits **AP**

**ART 260** American Women Artists 3 credits

**BIOLOGY:**

**BIO 101** General Biology: Core Concepts 4 credits **SP**

**BIO 102** Introduction to Organ Systems 4 credits **SP**

**BIO 103** Evolution 4 credits

**BIO 104** Introduction to Plant Biology 4 credits

**BIO 105** Principles of Ecology 4 credits **SP**

**BIO 110** Plants in Our World 4 credits **SP**

**BIO 111** Anatomy & Physiology I 4 credits

**BIO 112** Anatomy & Physiology II 4 credits

**BIO 140** Introduction to the Human Body 4 credits

**BIO 141** Biology of Sex 3 credits

**BIO 220** Introduction to Evolution and Human Behavior 3 credits

**BIO 221** Pathophysiology 3 credits

**BIO 231** General Microbiology 4 credits

**BIO 232** Medical Microbiology 4 credits

**BIO 241** Nutrition 3 credits

**BIO 259** Cell Biology 4 credits

**BIO 260** Molecular Biology 4 credits

**BUSINESS:**

**BUS 205** Project Management 3 credits

**BUSINESS LAW:**

**BSL 101** Business Law I 3 credits

**BSL 102** Business Law II 3 credits

**BSL 103** E-Business Law & Ethics 3 credits **VP**

**CHEMISTRY:**

**CHM 103** Principles of Chemistry I 4 credits

**CHM 104** Principles of Chemistry II 4 credits

**CHM 105** General Chemistry I 4 credits

**CHM 201** Organic Chemistry I 4 credits

**CHM 202** Organic Chemistry II 4 credits

**COMPUTER INFORMATION SYSTEMS:**

**CIS 121** Introduction to Programming With C++ 3 credits

**CIS 134** Web Page Development I 3 credits

**CIS 223** Visual Basic I 3 credits

**CIS 224** Visual Basic II 3 credits

**CIS 225** Programming with C++ II 3 credits

**CIS 226** Introduction to Java 3 credits

**CIS 227** Java II 3 credits

**CIS 228** SQL Programming 3 credits

**CIS 229** PL/SQL Programming 3 credits

**CIS 234** Web Page Development II 3 credits

**CIS 237** Network Management 3 credits

**CIS 240** Introduction to PERL 3 credits

**CIS 241** Systems Analysis & Design 3 credits

**CIS 243** Database Management Application Development

**CIS 244** Database Management Concepts 3 credits

**CIS 245** Database-Driven Web Pages 3 credits

**CIS 246** N-Tier Web Applications 3 credits

**CIS 247** Database Administration 3 credits

**COMPUTER SCIENCE:**

**CSC 106** Analytical Thinking with Programming 3 credits

**CSC 107** Programming I 3 credits

**CSC 207** Programming with Objects 3 credits

**CSC 208** Introduction to Architecture and Assembly Language 4 credits

**CSC 210** Storage Technologies 4 credits

**CSC 211** Programming with Data Structures 4 credits

**CSC 221** C++ For Scientists & Engineers 3 credits

**CRIMINAL JUSTICE:**

**CRJ 101** Introduction to Criminal Justice 3 credits

**CRJ 102** Response to Terrorism 3 credits

**CRJ 111** Criminal Law 3 credits

**CRJ 113** Constitutional Law 3 credits

**CRJ 123** Contemporary Corrections 3 credits

**CRJ 207** Criminal Investigation 3 credits

**CRJ 208** Technologies in Criminal Justice 3 credits

**CRJ 211** Evidence & Court Procedure 3 credits

**CRJ 213** Theories in Criminology 3 credits

**CRJ 221** Probation & Parole in the Criminal Justice System 3 credits

**CRJ 231** Introduction to Policing 3 credits

**EARLY CHILDHOOD EDUCATION:**

**ECE 102** Growth & Development of the Young Child 3 credits

**ECE 110** Development of School Age Children (6-16) 3 credits

**ECE 112** Family Issues & Dynamics 3 credits

**ECE 251** Theory of Early Childhood Education I 3 credits

**ECE 252** Theory of Early Childhood Education II 3 credits

**ELEMENTARY EDUCATION:**

**EDU 101** Elementary Education: Teaching and Learning 3 credits

**ECONOMICS:**

**ECO 215** Principles of Macroeconomics 3 credits

**ECO 216** Principles of Microeconomics 3 credits

**ENGINEERING:**

**ERG 101** Engineering Graphics 3 credits

**ERG 211** Introduction to Materials Science 3 credits

**ERG 221** Statics 3 credits

**ERG 223** Thermodynamics 3 credits

**ERG 225** Strength of Materials 3 credits

**ENGLISH:**

**ENG 101** English Composition & Literature I 3 credits

**ENG 102** English Composition & Literature II 3 credits **VE**

**ENG 200** Children's Literature 3 credits

**ENG 202** Creative Writing 3 Credits

**ENG 203** Writing Poetry 3 credits

**ENG 204** Writing Fiction 3 credits

**ENG 205** Technical and Workplace Writing 3 credits

**ENG 212** Death & Dying in the Literature of The Western World 3 credits

**ENG 215** The Hero in Literature, Myth, and Film 3 credits

**ENG 231** Masterpieces of World Literature I 3 credits

**ENG 232** Masterpieces of World Literature II 3 credits

**ENG 241** British Literature I 3 credits

**ENG 242** British Literature II 3 credits

**ENG 251** American Literature I 3 credits

**ENG 252** American Literature II 3 credits

**ENG 255** The American Short Story 3 credits

**FINANCE:**

**FIN 216** Small Business Finance 3 credits

**FIN 221** The Stock Market and Investments 3 credits

**FIN 250** Principles of Finance 3 credits

**GEOGRAPHY:**

**GEO 210** World Regional Geography 3 credits

**GERMAN:**

**GER 111** Beginning German I 3 credits

**GER 112** Beginning German II 3 credits LP

**GER 211** Intermediate German I 3 credits LP

**GER 212** Intermediate German II 3 credits LP

**GERONTOLOGY:**

**GRT 101** Introduction to Aging 3 credits

**HISTORY:**

**HST 104** World History I: Beginning to 1500 3 credits

**HST 105** World History II: 1500 to World War One 3 credits **HP**

**HST 106** World History III: World War I to Present 3 credits **HP**

**HST 115** U.S. History Beginnings to 1865 3 Credits

**HST 116** U.S. History: 1865 to Present

**HST 133** History of Puerto Rico 3 credits

**HST 152** The Holocaust & World War II 3 credits

**HST 153** The Bible as History 3 credits

**HST 157** Genocide 3 credits

**HST 202** Topics in the History Of Civilization 3 credits

**HST 203** African American History I, Beginnings to 1865

**HST 204** African American History II, 1865 to Present

**HST 211** Topics in American History and Culture 3 credits

**HST 212** The United States Constitution 3 credits

**HST 215** American Ethnic History 3 credits

**HST 216** History of Native Americans in North America 3 credits

**HST 232** Worcester's History 3 credits

**HST 241** History of Chinese Civilization 3 credits **HP**

**HUMANITIES:**

**HUM 101** Critical Thinking and Problem Solving 3 credits

**HUM 147** Genocide 3 credits

**HUM 151** Forbidden Subjects 3 credits

**HUM 211** The Sixties in America 3 credits

**HUM 214** Great Debates of The Western World 3 credits

**HUM 231** The Movies, Politics, & the Critics 3 credits

**HUM 233** Play Production: Theory 3 credits

**HUMAN SERVICES:**

**HUS 131** Introduction to Developmental Disabilities 3 credits

**INTERDISCIPLINARY STUDIES:**

**IDS 101** Valuing Diversity 3 credits

**IDS 113** Ethical Issues in Business & the Professions 3 credits **VP**

**IDS 121** The True Believers: Perspectives on Terrorism 3 credits

**IDS 141** Perspectives on Aging 3 credits

**IDS 200** Honors Colloquium: Special Topics 3 credits

**IDS 215** Bioethics 3 credits **VP**

**LIBERAL ARTS:**

**LIB 101** Introduction to Liberal Arts 3 credits

**LIB 250** Liberal Arts Capstone Seminar 3 credits

**MANAGEMENT:**

**MGT 101** Introduction to Business 3 credits

**MGT 211** Principles of Management 3 credits

**MGT 215** Human Resource Management 3 credits

**MGT 216** Entrepreneurship 3 credits

**MGT 221** Industrial Management 3 credits

**MGT 225** Quality Engineering Management 3 credits

**MGT 235** Principles of E-Commerce 3 credits

**MARKETING**

**MRK 111** Principles of Real Estate 3 credits

**MRK 201** Principles of Marketing 3 credits

**MRK 221** Sales & Sales Management 3 credits

**MRK 231** Advertising 3 credits

**MRK 239** Internet Marketing 3 credits

**MATHEMATICS:**

**MAT 100** College Algebra 3 credits

**MAT 108** Applied Technical Mathematics I 4 credits

**MAT 121** Topics in Mathematics 3 credits

**MAT 122** Statistics 3 credits **FA**

**MAT 123** College Mathematics I: Precalculus 3 credits

**MAT 124** College Mathematics II: Trigonometry 3 credits

**MAT 125** Discrete Mathematics 3 credits

**MAT 231** Applied Calculus 3 credits

**MAT 233** Calculus I 4 credits **FA**

**MAT 234** Calculus II 4 credits **FA**

**MAT 235** Calculus III 4 credits

**MAT 237** Probability & Statistics for Engineers and Scientists 3 credits **FA**

**MAT 238** Differential Equations 3 credits

**MAT 243** Linear Algebra 3 credits

**MUSIC:**

**MUS 123** Bach to Rock: Changing Styles in Music 3 credits

**PHILOSOPHY:**

**PHI 101** Introduction to the Art of Thinking 3 credits

**PHI 102** An Introduction to the Art of Wondering 3 credits

**PHI 104** Introduction to the Art of Loving 3 credits

**PHI 113** Philosophy of Art 3 credits

**PHI 121** World Religions: From Primitives Through Zen 3 credits **GP**

**PHI 123** Indian Mythologies of the Primitive Americas 3 credits

**PHI 131** Man And Morality: An Introduction to Ethics 3 credits **VP**

**PHI 141** Issues & Personalities in American Philosophy 3 credits

**PHI 143** Existentialism & the Human Situation 3 credits

**PHI 190** Living Well Together: An Introduction to Political Philosophy 3 credits

**PHI 201** Judaism, Christianity and Islam 3 credits **GP**

**PHI 250** Special Topics in Philosophy 3 credits

**PHYSICS:**

**PHY 101** Physics I 4 credits

**PHY 102** Physics II 4 credits

**PHY 105** General Physics I 4 credits **SP**

**PHY 106** General Physics II 4 credits

**PHY 205** General Physics III 4 credits

**POLITICAL SCIENCE:**

**PSC 201** United States Government 3 credits

**PSC 212** The United States Constitution 3 credits

**PSC 221** State & Local Government 3 credits

**PSYCHOLOGY:**

**PSY 101** Introduction to Psychology 3 credits

**PSY 117** Human Relationships & the Family 3 credits

**PSY 118** Psychology of Interpersonal Relations 3 credits

**PSY 121** A Survey of Life Span Development: Conception to Death 3 credits

**PSY 123** Human Development I: Conception to Adolescence 3 credits

**PSY 124** Human Development II: Adolescence 3 credits

**PSY 142** Human Sexuality 3 credits

**PSY 157** Psychology of Management 3 credits

**PSY 158** Human Relations in Organizations 3 credits

**PSY 181** Social Psychology 3 credits

**PSY 182** Psychology of Consumer Behavior 3 credits

**PSY 211** The Psychology of Group Dynamics 3 credits

**PSY 231** Introduction to Counseling 3 credits

**PSY 235** Counseling Methods 3 credits

**PSY 241** Psychology of Women 3 credits

**PSY 242** Psychology of Men 3 credits

**PSY 261** Theories of Personality 3 credits

**PSY 262** Abnormal Psychology 3 credits

**PSY 273** Chemical Dependency 3 credits

**PSY 277** Neurology of Behavior 3 credits

**PSY 280** Issues in the Profession of Psychology 3 credits

**PSY 281** Methods in Psychology 3 credits

**SCIENCE:**

**SCI 103** Earth Science 3 credits

**SCI 104** Climate and Weather: Cause and Effects 3 credits

**SCI 105** Integrated Science: Earth and Space 4 credits

**SCI 106** Integrated Science: The Living World 4 credits

**SCI 107** Science of Technology: Vision and Light 4 credits

**SCI 108** Science of Technology: Hearing and Sound 4 credits

**SCI 111** Physical Science I 4 credits **SP**

**SCI 112** Physical Science II 4 credits **SP**

**SCI 135** Introduction to Astronomy 3 credits **SP**

**SCI 140** Astronomy I: Close to Home 4 credits **SP**

**SOCIOLOGY:**

**SOS 211** Death & Dying 3 credits

**SOC 101** Introductory Sociology (Principles) 3 credits

**SOC 111** Social Problems & Social Change 3 credits

**SOC 115** Sociology of Sex and Gender 3 credits

**SOC 131** Films in Social Psychology 3 credits

**SOC 211** The Dynamics of Racial & Ethnic Relations 3 credits

**SOC 212** Juvenile Delinquency & the Juvenile Justice System 3 credits

**SOC 220** American Deaf Culture 3 credits

**SOC 221** The Family 3 credits

**SPANISH:**

**SPN 111** Beginning Spanish I 3 credits

**SPN 112** Beginning Spanish II 3 credits

**SPN 211** Intermediate Spanish I 3 credits **LP**

**SPN 212** Intermediate Spanish II 3 credits **LP**

**SPEECH:**

**SPH 101** Speech Communication Skills 3 credits