LA ROCHE UNIVERSITY CORE CURRICULUM REQUIREMENTS

FOUNDATIONS OF KNOWLEDGE — 12 credits required

- ENGL1011 Academic Reading and Writing and ENGL1012, Academic Writing and Research
- A Digital Literacy course
- An Oral Communication Course

Please see individual department listings for courses that fulfill these requirements at La Roche.

QUANTITATIVE METHODS — 3 credits required

- MATH1002, Foundations of Quantitative Reasoning (For Majors that don't require College Algebra only) OR MATH1010, College Algebra, OR Higher-Level Math

BREADTH OF KNOWLEDGE — 15 credits required

Courses designed to expose students to a wide range of disciplines outside of their major:

- **The Natural and Physical World -** Courses in this area focus on using the scientific method to understand the world. Students will build foundational knowledge of scientific principles and apply this knowledge to contemporary issues. Courses will explore scientific concepts, applications, data analysis, and literature through discussions and hands-on experiments. Students will utilize this knowledge to investigate a specific topic in a project related to the natural and physical world.

- **Human Expression -** Courses in this area will require students to review, analyze, and/or create works based upon established criteria within one or more fields of human artistry and expression (literature, performing arts, visual arts, etc.). Students will reflect on how such works embody the interaction of individual voice and vision with community norms and values, as well as understanding such works within their historical and artistic contexts. This exploration of diverse human experiences and perspectives will help students cultivate an awareness of self in relation to their community and the surrounding world.

- **Values and Ethics -** Courses in this area will examine, through historical and cultural perspectives, the nature and ramifications of being a human seeking to answer the question "how ought we to live?" Students will reflect on this question through encounters with religious, philosophical, or ethical texts and artifacts. At the same time, by emphasizing the application of ethical choices and behavior to the individual's daily life, these courses will encourage students to examine their own social, professional, environmental, and/or religious values.

- **Social Sciences -** Social science courses introduce students to the diversity and complexity of various social systems. Through scientific inquiry, students will examine patterns of human behavior and relationships as well as social interactions and processes. These courses will prepare students for civic engagement towards personal growth, professional goals, and responsibilities of citizenship.

- **Global Perspectives -** Courses in this area focus on the breadth and diversity of culture, countries, and societies through the use of global-centered theories or perspectives. They explore and analyze problems, issues, and phenomena impacting communities, nations, and regions in an increasingly globalizing world.

One breadth of knowledge area is waived, depending on major.

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All courses are worth 3 credits unless otherwise indicated. We accept a maximum of 90 transfer credits from community colleges.

For a more detailed listing of our core curriculum and course requirements, please reference the current La Roche University course offerings, available online at laroche.edu.

The statements in this manual are for information only and do not constitute a contract between the student and La Roche University. The University reserves the right to change any policy, requirement or course offering.

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Disclaimer: Students transferring to La Roche University will have their transcripts evaluated by the Registrar. The Registrar may choose to consult faculty for further review of courses. Academic departments have final determination in the evaluation of courses which satisfy department/major requirements.

12026

Community College of Allegheny County	*La Roche University*

CODE	NAME	CODE	NAME

CORE
FOUNDATIONS OF KNOWLEDGE:

ENGL101	College Writing I	ENGL1011	Academic Reading & Writing
ENGL102	College Writing II	ENGL1012	Academic Writing & Research
CIT100	Computer Fundamentals and Applications	ISTC1010	Digital Literacy
SPH101	Oral Communication	SPCH1010	Oral Communication

QUANTITATIVE METHODS: *1 REQUIRED, MAJOR DEPENDENT*

MATH108	Intermediate Algebra	MATH1002	Foundations of Quantitative Reasoning
MATH111	College Algebra	MATH1010	College Algebra
MATH165	Probability & Statistics	MATH1040	Probability & Statistics
	OR Higher Level Math		*OR* Higher Level Math

BREADTH OF KNOWLEDGE:

Any Art, Music, or Literature Course	Human Expression
Any History, Political Science, or Sociology Course	Social Sciences
Any Biology, Chemistry, or Physical Science Course	Natural and Physical World
Any Philosophy, Ethics, or Religion Course	Values and Ethics
Any Global, International, or Foreign Language Course	Global Perspective

ACCOUNTING

ACC101	Principles of Accounting	ACCT1001	Accounting Principles
ACC104	Financial Accounting	ACCT2003	Accounting I
ACC120	Computer Applications in Accounting	ACCT2025	Accounting with Computers
ACC201	Intermediate Accounting I	ACCT3011	Intermediate Accounting I
ACC202	Intermediate Accounting II	ACCT3012	Intermediate Accounting II
ACC203	Managerial Accounting	ACCT2013	Managerial Accounting
ACC204	Cost Accounting	ACCT3014	Cost Accounting
ACC211	Principles of Tax I	ACCT3001	Taxation I
ACC221	Principles of Tax II	ACCT3002	Taxation II

ART / GRAPHIC DESIGN

ART103	Art History Ancient*	ARTH1017	Art History I: Prehistoric to Gothic
ART104	Art History Modern*	ARTH1018	Art History II: Renaissance to Modern
ART109	Drawing I*	GCDN1023	Drawing I
ART113	Graphic Communication*	GCDN2010	Graphic Design Methodologies
ART114	Two-Dimensional Design*	GCDN1060	Foundation Design I
ART129	Printmaking I*	GCDN9999	Major Elective
ART144	Digital Photography*	GCDN2012	Typography I
ART248	Graphic Communication I	GCDN2016	Digital Photography
ART148	Color*	GCDN1062	Foundation Design II
ART150	Intro to Digital Graphic Design*	GCDN1070	Digital Image Making I
ART165	Publication Design*	GCDN2008	Digital Publication and Pre-Press
ART168	Raster Graphics with Adobe Photoshop*	GCDN1071	Digital Image Making II
ART170	Interactive Design I*	GCDN2021	Graphic Design I
ART223	Three Dimensional Design*	GCDN9999	Major Elective
ART249	Graphic Communication 2*	GCDN2029	User Experience Design I
ART250	Graphic Communication 3*		

*Grade of B- or better required for equivalent transfer; grades of C+ or C require a portfolio review prior to acceptance of transfer credit for this course.

LA ROCHE UNIVERSITY

Community College of Allegheny County	*La Roche University*

BIOLOGY

BIO100	Life Science	BIOL1001	Life Science
			Natural and Physical Sciences
BIO103	Introduction to Human Biology	BIOL1001	Life Science
BIO110	Intro to Bio Science		Natural and Physical Sciences
BIO115	Human Biology in Health & Disease	NSCI1010	Nutrition
BIO117	Nutrition	BIOL1020	Medical Terminology
BIO123	Medical Biology & Terminology	BIOL1003/1005	General Biology I/Lab
BIO151	General Biology I/Lab	BIOL1004/1006	General Biology II/Lab
BIO152	General Biology II/Lab	BIOL1023/L	Anatomy & Physiology I/Lab
BIO161	Anatomy & Physiology I	BIOL1024/L	Anatomy & Physiology II/Lab
BIO162	Anatomy & Physiology II	BIOL1015	Microbiology for Health Sciences
BIO175	Microbiology	BIOL3013/3014	Genetics/Lab
BIO207	Genetics	BIOL3026	Cell Biology
BIO216	Cell Biology		

BUSINESS

ACC100	Introduction to Accounting	ACCT1001	Accounting Concepts
BUS101	Intro to Business	ADMG1001	Intro to Administration & Business
BUS103	Principles of Management	ADMG1018	Fundamentals of Management
BUS104	Principles of Marketing	ADMG2021	Marketing Management
BUS108	Principles of Finance	FINC3032	Financial Management
BUS117	Public Relations	MRKT2007	Advertising & Public Relations
BUS130	Business Communications	ENGL2029/ENGL2030	Business Communications
BUS201	Human Resource Management	ADMG2025	Human Resource Management
BUS211	Principles of Advertising	MRKT2007	Advertising & Public Relations
BUS251	Business Law I	ADMG2009	Business Law I
BUS252	Business Law II	ADMG2010	Business Law II
ECO102	Principles of Macroeconomics	ADMG1005	Macroeconomics
ECO103	Principles of Microeconomics	ADMG1006	Microeconomics

CHEMISTRY

CHM109	Intro to Chemistry	CHEM1007/1008	Principles of Chemistry/Lab
CHM110/111	Introductory Chemistry	CHEM1007/1008	Principles of Chemistry/Lab
CHM151	General Chemistry I/Lab	CHEM1001/1003	General Chemistry I/Lab
CHM152	General Chemistry II/Lab	CHEM1002/1004	General Chemistry II/Lab
CHM201	Organic Chemistry I/Lab	CHEM2015/L	Organic Chemistry I/Lab
CHM202	Organic Chemistry II/Lab	CHEM2016/L	Organic Chemistry II/Lab

COMPUTER SCIENCE

CIT111	Intro to Programming: Java	CSCI1010 or ISTC1021	Programming I with lab
CIT130 + CIT244	Object Oriented Programming I & II	CSCI2010	Programming II with Lab
CIT245	Data Structures & Programming C+	CSCI2020	Algorithm Analysis

CRIMINAL JUSTICE

CJC101	Intro to Criminal Justice & Criminology	CRIM1001	Intro to Criminal Justice Systems
CJC124	Juvenile Justice/ Delinquency	CRIM2030	Juvenile Delinquency
CJC201	Fundamentals of Criminal Investigation	CRIM3045	Criminal Investigations
CJC204	Criminal Justice System Organization & Admin.	CRIM3052	Administration of Criminal Justice Organizations
CJC205	Introduction to Criminalistics	CRIM3020	Special Topics in Criminal Justice
CJC206	Police Operations	CRIM2016	Police & Society

LA ROCHE UNIVERSITY

Community College of Allegheny County | La Roche University

CJC209 .... Community Based Corrections	CRIM2010 .... Intro to Corrections
CIT180 .... Computer Forensics	CRIM3020 .... Special Topics
CIT181 .... Principles of Information Security	CRIM3020 .... Special Topics
CIT280 .... Computer Forensics II	CRIM3020 .... Special Topics
CIT281 .... Project in Computer Forensics	CRIM3020 .... Special Topics

EDUCATION

ECD115 .... Introduction to School Age Programs	EDUC1010 .... Introduction to Education
ECD135P .... Practicum-Observation and Assessment	EDUC2010 .... Initial Field Experience
ENG117 .... Children's Literature	EDUC2025 .... Children's Literature
ECD107 .... Health and Safety of Children	EDUC2030 ...... Integrating Health and Wellness Throughout the Curriculum
ECD101 .... Intro to Early Education and Child Development	EDEL2000 .... Foundations of Early Childhood Education
EDU125 .... Foundations of Middle Level and Secondary Education	EDML2000 .... Foundations of Middle Level Education
ECD202 .... Children with Special Needs	EDSP2015 .... Introduction To High Incidence Disabilities
EDU130 .... Behavioral Management in the Classroom	EDSP2025 ...... Learning Environments & Behavior Management
PSY101 .... Introduction to Psychology	PSYC1021 .... Introduction to Psychology
ECD104 .... Preschool Development	PSYC2022 .... Child Development
ECD113 .... Middle Childhood and Adolescent Development	PSYC2040 .... Adolescent Development
PSY201 .... Educational Psychology	PSYC2061 .... Educational Psychology
ECD211 .... Family Systems	SOCL3027 .... Family Relations
EDU205 .... English Language Learners in the Classroom	MLED2000 ...... English Language Learners in the Multicultural Classroom
MAT107 .... Math for Elementary Education	MATH2000 .... Math for Liberal Arts

ENGLISH

ENGL101 .... College Writing I	ENGL1011 .... Academic Reading & Writing
ENGL102 .... College Writing II	ENGL1012 .... Academic Writing & Research
ENG103 .... Technical Communication	ENGL2030 .... Technical Writing
ENG105 .... Creative Writing	ENGL2040 .... Creative Writing
ENG111 .... Technical English	ENGL2030 .... Technical Writing
ENG115 .... General Literature	ENGL2010 .... Intro to Literary Studies
ENG117 .... Children's Literature	EDUC2025 .... Children's Literature
ENG120 .... The Art of Film Advanced	ENGL2043 .... Film Analysis History/Ideology
ENG200 .... Dramatic Literature	ENGL3018 .... Dramatic Literature
ENG201 .... Poetry	.... Human Expression
ENG202 .... Fiction	ENGL2008 .... Contemporary literature
ENG203 .... English Literature to the 18th Century	ENGL3024 .... Love & War in Old/Med English Literature
ENG204 .... English Literature from the 18th Century	ENGL3028 .... 20th Century British Literature
ENG205 .... American Lit. to the Civil War	ENGL2036 .... Issues in American Lit. I
ENG206 .... American Lit. from Civil War to present	ENGL2039 .... Issues in American Lit. II
ENG207 .... African-American Literature	.... Human Expression
ENG209 .... World Lit. to 1650	ENGL2021 .... World Literature I
ENG210 .... World Lit. from 1650 to present	ENGL2022 .... World Literature II
ENG222 .... Shakespeare's Plays	ENGL3023 .... Shakespeare
ENG223 .... Science Fiction	ENGL2042 .... Science Fiction

HISTORY

HIS101 .... Western Civilization I	HIST1013 .... Western Civilization I
HIS102 .... History of Western Civilization II	HIST1014 .... Western Civilization II
HIS104 .... U.S. History I	HIST1010 .... U.S. History (1600-1865)

LA ROCHE UNIVERSITY

Community College of Allegheny County

La Roche University

CCAC		La Roche
HIS105	U.S. History II	HIST1011	U.S. History 1865-1945
HIS203	Afro-American History I	HIST3038	History of Black Americans
HIS229	Contemporary U.S. History	HIST1012	U.S. History 1945-Present
HIS113	History of the Old Testament	RELS1001	Old Testament
HIS114	History of the New Testament	RELS1002	New Testament
HIS151	History of American Labor	HIST3039	Labor History
HIS205	African-American History II	HIST3038	History of Black Americans
HIS222	Pittsburgh: Past, Present, Future	HIST2040	The History of Western Pennsylvania

INFORMATION TECHNOLOGY

INFORMATION TECHNOLOGY

CIT100	Intro to Computers	ISTC1010	Digital Literacy
CIT115	Information Technology: HW&SW	ISTC1025	Hardware
CIT120	Networking	ISTC2030	Networking
CIT125	Web Development	ISTC2008	Intro to Cyberspace
CIT130	Object Oriented Programming Using Java	ISTC3034	Computer Programming in Java
CIT140	Office Productivity Applications	ISTC1005	Practical Computer Applications
CIT150	PC Components & Operating Systems	ISTC1025	Hardware
CIT220	Linux/UNIX Operating Systems	ISTC3030	Linux
CIT230	Database Systems	ISTC2045/CSCI2055	Data Base Management Systems

JOURNALISM

JOURNALISM

JRN103	Intro to Mass Media	CMET1002	Intro to Mass Communication
JRN106	Principles of Communication	CMET1001	Intro to Communication

MATHEMATICS

MATHEMATICS

MAT106	Mathematics for Health Sciences	MATH1004	Statistics in Healthcare
MAT107	Math for Elementary Education	MATH2000	Math for Liberal Arts
MAT108	Intermediate Algebra	MATH1002	Foundations of Quantitative Reasoning
MAT110	Mathematics for Elementary Education 2	MATH1002	Foundations of Quantitative Reasoning
MAT111	College Algebra	MATH1010	College Algebra
MAT120	Analytical Methods	MATH1070	Finite Math for Business
MAT135	Discrete Mathematics	MATH2050	Discrete Mathematics
MAT147	College Trigonometry	MATH1023	Trigonometry
MAT165	Probability & Statistics	MATH1040	Probability & Statistics
MAT201	Calculus I	MATH1032	Analytical Geometry & Calculus I
MAT202	Calculus II	MATH1033	Analytical Geometry & Calculus II
MAT250	Calculus III	MATH2030	Analytical Geometry & Calculus III
MAT220	Business Calculus	MATH1030	Calculus for Business
MAT253	Linear Algebra	MATH3015	Linear Algebra

MODERN LANGUAGE

MODERN LANGUAGE

FRE101	Elementary French I	MLFR1001	Elementary French I
FRE102	Elementary French II	MLFR1002	Elementary French II
FRE201	Intermediate French I	MLFR2001	Intermediate French I
FRE202	Intermediate French II	MLFR2002	Intermediate French II
SPA101	Elementary Spanish I	MLSP1001	Elementary Spanish I
SPA102	Elementary Spanish II	MLSP1002	Elementary Spanish II
SPA201	Intermediate Spanish I	MLSP2001	Intermediate Spanish I
SPA202	Intermediate Spanish II	MLSP2002	Intermediate Spanish II

LA ROCHE UNIVERSITY

Community College of Allegheny County	**La Roche University**

PHILOSOPHY

PHL101	Intro to Philosophy	PHIL1021	Intro to Philosophy

PHILOSOPHY (CCAC)
PHL101 ....Intro to Philosophy
PHL103 ....Logic
PHL111 ....Religions of the World
PHL155 ....Ethics
PHL157 ....Existentialism
PHL160 ....Ethics in Business
PHL205 ....Medical Ethics & Issues

PHILOSOPHY (La Roche)
PHIL1021 ....Intro to Philosophy
PHIL1020 ....Logic
PHIL1003 ....World Religions
PHIL2026 ....Ethics
....Values and Ethics
....Values and Ethics
PHIL3027 ....Biomedical Ethics

PHYSICAL SCIENCE

PHYSICAL SCIENCE (CCAC)
PHS101 ....Earth Science
PHS102 ....Physical Science

PHYSICAL SCIENCE (La Roche)
NSCI1001 ....The Natural Sciences
NSCI1001 ....The Natural Sciences

PHYSICS

PHYSICS (CCAC)
PHY123 ....Physics for Health Science
PHY141 ....Physics I
PHY221 ....Physics for Science & Engineering I
PHY222 ....Physics for Science & Engineering II

PHYSICS (La Roche)
PHYS1010/L ....Physics for Health Science/Lab
PHYS1010/L ....Physics for Health Science/Lab
PHYS1032/L ....General Physics I/Lab
PHYS1033/L ....General Physics II/Lab

POLITICAL SCIENCE

POLITICAL SCIENCE (CCAC)
POL101 ....Intro to Political Science
POL103 ....American Government
POL201 ....Modern Political Thought
POL204 ....Comparative Politics
POL110 ....State & Local Government
POL115 ....The American Constitution
POL206 ....International Relations

POLITICAL SCIENCE (La Roche)
POLI3039 ....Politics & Society
POLI1022 ....Intro to American Government
POLI3015 ....History of Political Thought
INST3021 ....Comparative Government
POLI3018 ....American State Government
POLI1003 ....Understanding the U.S. Constitution
POLI2001 ....Global Politics

PSYCHOLOGY

PSYCHOLOGY (CCAC)
PSY101 ....Intro to Psychology
PSY106 ....Psychology of African Americans
PSY107 ....Human Relations
PSY108 ....Human Growth and Development
PSY109 ....Psychology of Women
PSY113 ....Psychology of Death & Dying
PSY114 ....Human Sexuality
PSY201 ....Educational Psychology
PSY202 ....Social Psychology
PSY204 ....Adolescent Psychology
PSY208 ....Abnormal Psychology
PSY210 ....Child Psychology
PSY212 ....Psych of Developmental Disabilities
PSY214 ....Psychology of Adulthood
PSY216 ....Abnormal Psychology in Feature Films
PSY270 ....Statistics for Behavioral & Social Sciences
PSY290 ....Research Methods and Applications

PSYCHOLOGY (La Roche)
PSYC1021 ....Intro to Psychology
....Social Sciences
....Social Sciences
PSYC2026 ....Developmental Psychology
....Social Sciences
PSYC3020 ....Death & Dying
PSYC2018 ....Human Sexuality
PSYC2061 ....Educational Psychology
PSYC3029 ....Social Psychology
PSYC2040 ....Adolescence
PSYC3023 ....Abnormal Psychology
PSYC2022 ....Child Development
....Social Sciences
PSYC3032 ....Psychology of Adulthood
PSYC3023 ....Abnormal Psychology
MATH1040 ....Probability & Statistics
PSYC3011 ....Research Methods

SOCIOLOGY

SOCIOLOGY (CCAC)
SOC101 ....Intro to Sociology
SOC117 ....Understanding Chemical Dependency

SOCIOLOGY (La Roche)
SOCL1021 ....An Introduction to Sociology
NSCI1005 ....Drugs & the Human Body

LA ROCHE UNIVERSITY

Community College of Allegheny County	La Roche University

SOC160.....................................Intro to Women's Studies	SOCL3026.........................Women in American Society
SOC201.....................................Sociology of the Family	SOCL3027...................................Family Relations
SOC202..Human Aging	SOCL2016..............................Social Gerontology
SOC211..........................Racial & Ethnic Minorities	SOCL1034.................................Race & Ethnicities
SOC212...Social Problems	SOCL1023........................Global Social Problems

SPEECH

SPH101.....................................Oral Communications	SPCH1010.............................Oral Communications

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