

**GENERAL EDUCATION CORE REQUIREMENTS 2010-2011**

**COMMUNICATION**

- To express ideas in clear, logical and grammatically correct written English.
- To understand how to obtain information in order to identify, retrieve, and use resources for study or research.
- To express ideas clearly, correctly, logically, and persuasively in spoken English.

EN	<b>English 6 credits required</b>	ENGL 101 College Writing	3 cr	ENGL 109 College Writing & Research	6 cr
		ENGL 102 Research Writing	3 cr		
CM	<b>Communication 3 credits required</b>	COMM 101 Fundamentals/Principles of Speech	3 cr	COMM 204 Public Speaking	3 cr
		COMM 202 Interpersonal Communication	3 cr	COMM 205 Logic & Argumentation	3 cr
		COMM 203 Small Group Communication	3 cr	PHIL 201 Logic & Argumentation	3 cr

**MATHEMATICS**

- To understand mathematics and quantitative methods as logical constructs and employ this understanding to solve problems and manipulate associated abstract symbols.

MA	<b>Mathematics 3 credits required</b>	MATH 123 Mathematics as a Liberal Art	3 cr	MTHPT 138 Math for Electronics	4 cr
		MATH 130 Finite Math	4 cr	MATH 143 and 144 Pre-Calc Algebra & Trig	5 cr
		MATH 130 A and 130 B Finite Math	4 cr	MATH 147 Pre-calculus	4 cr
		MTHPT 130 Math for Business Analysis	4 cr	MATH 157 and 257 Found./Elem Math 1&2	6 cr
		MATH 137 Algebra & Trig w/Applications	4 cr	MATH 170 Calculus 1	4 cr
		MTHPT 137 Math for Technology	4 cr	MATH 254 Statistical Methods/Sciences	4 cr

**HUMANITIES**

- To understand how literature explores the human condition and examines human values.
- To understand the creative processes, aesthetic principles, and the historical traditions of one or more of the fine arts.

LL	<b>Literature 3 credits required</b>	ENGL 150 Introduction to Literature	3 cr	ENGL 258 International Literature	3 cr
		ENGL 257 World Classics	3 cr	HUM 301 Literature and Culture	3 cr
DA	<b>Arts 3 credits required</b>	ART 100 Survey of Art	3 cr	MUS 101 Survey of Music	3 cr
		HUM 101 Art & History of the Motion Picture	3 cr	THEA 101 Survey of Theatre	3 cr
		HUM 150 Introduction to the Arts	3 cr		

**NATURAL SCIENCES**

- To understand science as a way of knowing and how it explains the natural world, and, by understanding these fundamentals, be able to employ critical thinking skills.

NS DN	<b>NS 150 PLUS one lab science 7 credits required</b>	NS 150 Intro to Natural Science	3 cr	CHEM 111 General Chemistry	4 cr
		NS 100 Intro to Environmental Science	4 cr	FSCI 101 Intro to Forensic Science	4 cr
		BIOL 102 Science for Life	4 cr	GEOL 100 Environmental Earth Science	4 cr
		BIOL 120 Plants and People	4 cr	GEOL 120 Introduction to Earth Systems	4 cr
		BIOL 175 Human Biology	4 cr	NS 171 and 172 Integrated Science I & II	6 cr
		BIOL 252 Human Anatomy & Physiology I	4 cr	PHYS 111 General Physics	4 cr
		CHEM 102 The Chemistry of Daily Life	4 cr	PHYS 205 Descriptive Astronomy	4 cr
		CHEM 105 General, Organic & Biochemistry	4 cr	PHYS 211 Engineering Physics I	4 cr

**SOCIAL SCIENCES**

- To understand how the social sciences explain the relationship(s) between individuals, communities, and global structural forces, such as political and economic institutions.
- To understand the dynamic elements of a society's culture, as well as a culture's holistic aspects and its influence on all aspects of society.
- To understand the historical development of the contemporary world and how history explains the past.
- To understand how philosophy influences human thought and behavior.

DS SS	<b>Social Sciences two subjects minimum 9 credits required</b>	ANTH 102 Cultural Anthropology	3 cr	HIST 112 United States History Since 1865	3 cr
		ANTH 120 World Prehistory	3 cr	HRPT 184/ SS 184 Diversity /Organizations	3 cr
		ANTH 170 Intro/ Native American Studies	3 cr	HRPT 185/ SS 185 Human Relations & Orgs	3 cr
		ECON 101 Contemporary Economics	3 cr	PHIL 120 Basic Ethics	3 cr
		ECON 102 Consumer Economics	3 cr	PSYC 101 Introduction to Psychology	3 cr
		ECON 201 Principles & Theory of Macro Econ	3 cr	PSYC 205 Developmental Psychology	3 cr
		ECON 202 Principles & Theory of Micro Econ	3 cr	POLS 101 American National Government	3 cr
		GEOG 102 Introduction to Geography	3 cr	POLS 285 Comparative Government	3 cr
		HIST 101 History of Civilization	3 cr	SOC 101 Introduction to Sociology	3 cr
		HIST 102 History of Civilization	3 cr	SOC 102 Current Social Problems	3 cr
		HIST 111 United States History to 1865	3 cr	SS 150 Intro to Social Sciences	3 cr

**ETHICS/VALUES**

- To apply values or ethical principles in evaluating potential solutions to current social or environmental problems.

<b>3 credits required</b>	ID, NS, HUM, SS 350 or 351 course	3 cr
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