

NATURAL SCIENCES LOWER DIVISION GENERAL EDUCATION

All Natural Sciences' majors are required to take a minimum of 8 units of Lower Division coursework. These courses cannot be used to meet more than one requirement, ***duplication is not allowed***. Pre-requisites to all courses are available in the UC Merced catalog or online at <http://registrar.ucmerced.edu/go/schedule>. All courses are not available every semester. Please be sure to review the Schedule of Classes for specific term availability.

Complete one of the following lower division Humanities/Arts courses

ARTS 1A—Learning to See: Drawing	ARTS 64A—Introduction to Swing Ensemble-Music	GASP 31—Critical Popular Music Studies
ARTS 2A—Learning to Vocalize: Beginning Vocal	ARTS 64B—Intro to Swing Ensemble-Dance	GASP 32—Intro to Jazz Studies: Histories of Jazz
ARTS 2B—Intro to Chorale	ARTS 65A—Intro to Middle Eastern Ensemble-Music	GASP 34—The American Musical
ARTS 2C—Intro to Vocal Jazz Repertoire	ARTS 65B—Intro to Middle Eastern Ensemble-Dance	HIST 5—History of Cartography
ARTS 2D—Intro to Musical Theater Vocal	ARTS 66A—Intro to Nordic Ensemble-Music	HIST 10—Intro to World History to 1500
ARTS 3—Learning to See: Painting	ARTS 66B—Intro to Nordic Ensemble-Dance	HIST 11—Intro to World History from 1500
ARTS 3B—Learning to See: Intermediate Painting	ARTS 70—Tech of Contemporary Artists	HIST 16—Forging of the United States 1607-1877
ARTS 4A—Learning to See in Three Dimensions	ARTS 71—Tech of Interdisciplinary Research	HIST 17—Modern United States 1877-Present
ARTS 4B—Learning to See: Sculpture	CCST 60—Intro to Chicano/a Culture & Experiences	HIST 25—Intro to Environmental History
ARTS 5A—Learning to Listen: Beginner Music	CHN 1—Elementary Chinese I	HIST 30A—Medieval Europe
ARTS 7—Art Score	CHN 2—Elementary Chinese II	HIST 30B—Early Modern Europe
ARTS 8A—Learning to Perform: Beginner Acting	CHN 3—Intermediate Chinese I	HIST 31—Modern European History
ARTS 9—Intro to Contemporary Practices in Photo	CHN 4—Intermediate Chinese II	HIST 40—History of Technology in Society I
ARTS 10—Substances of Arts	ENG 17—Why Harry Potter? Why Literature?	HIST 41—History of Technology in Society II
ARTS 11—Substances of Music	ENG 20—Introduction to Shakespeare	HIST 60—The Silk Road
ARTS 12—Substances of Architecture	ENG 30—Literature of Childhood	HIST 70—History of Islam I
ARTS 13—Substances of Visual Arts	ENG 31—Intro to African American Lit & Culture	HIST 71—History of Islam II
ARTS 15—History of Western Art Music	ENG 32—Intro to Chicano/a Culture & Experiences	HIST 80—History of China Through the Mongol Conquest
ARTS 16—History of Popular Music	ENG 52—Politics & Prose of the Nobel Prize in Lit	HIST 81—History of China Since Mongol Conquest
ARTS 17—Music & Society	FRE 1—Elementary French I	JPN 1—Elementary Japanese I
ARTS 20—Fundamentals of 2-D Design	FRE 2—Elementary French II	JPN 2—Elementary Japanese II
ARTS 21—Fundamentals of 3-D Design	FRE 3—Intermediate French I	JPN 3—Intermediate Japanese I
ARTS 23—Multimedia Studio	FRE 4—Intermediate French II	JPN 4—Intermediate Japanese II
ARTS 26A—Fundamentals of Music	GASP 1—Intro to Global Arts Studies	PHIL 1—Intro to Philosophy
ARTS 27B—Intro to Music Technology	GASP 2—Intro to Music Studies	PHIL 2—Introduction to Ethics
ARTS 28—Meaning in Music	GASP 3—Intro to Visual Culture	PHIL 3—Applied Ethics
ARTS 29—Music, Dance, Gender, and Sexuality	GASP 4—Introduction to Arts & Cultural Studies	PHIL 9—Phenomenology and Existentialism
ARTS 32—Intro to Jazz Studies: History of Jazz	GASP 5—Intro to Arts and Technology	SPAN 1—Elementary Spanish I
ARTS 36—Introduction to Art Song	GASP 12—Asia Pacific Art	SPAN 2—Elementary Spanish II
ARTS 42A—Intro to Photographic Techniques & Practices	GASP 13—Latin American Art	SPAN 3—Intermediate Spanish I
ARTS 60A—Intro to African Ensemble-Music	GASP 15—History of Western Art Music	SPAN 4—Intermediate Spanish II
ARTS 60B—Intro to African Ensemble-Dance	GASP 16—History of Popular Music	SPAN 10—Spanish for Heritage Speakers I
ARTS 61A—Intro to Asian Ensemble-Music	GASP 17—Music and Society	SPAN 11—Spanish for Heritage Speakers II
ARTS 61B—Intro to Asian Ensemble-Dance	GASP 23—Music of Asia Pacific	SPAN 50—Introduction to Hispanic Literatures
ARTS 62A—Intro to Pacific Ensemble-Music	GASP 25—Music of the Middle East	SPAN 60—Intro to Chicano/a Culture & Experiences
ARTS 62B—Intro to Pacific Ensemble-Dance	GASP 26—Music in the World's Religions	WH 1—Intro to World Heritage
ARTS 63A—Intro to American Ensemble-Music	GASP 28—Meaning in Music	WH 2—Cyber Heritage
ARTS 63B—Intro to American Ensemble-Dance	GASP 29—Music, Dance, Gender, and Sexuality	WH 3—International Heritage

Complete one of the following lower division Social Science courses

ANTH 1—Introduction to Socio-cultural Anthropology	PUBP 1—Introduction to Public Policy
ANTH 3—Introduction to Anthropological Archaeology	SOC 1—Introduction to Sociology
ANTH 5—Introduction to Biological Anthropology	SOC 2—Marriage and the Family
COGS 1—Introduction to Cognitive Science*	SOC 9—Community Mobilization and Politics
COGS 5—Introduction to Language and Linguistics	SOC 20—Social Problems
ECON 1—Introduction to Economics	SOC 30—Social Inequality
PH 1—Introduction to Public Health*	SOC 35—Introduction to Political Sociology
PH 5—Global and International Public Health	SOC 36-Globalization
POLI 1—Introduction to Political Science	SOC 40—Introduction to the Sociology of Organizations
POLI 2—Controversies in American Politics	SOC 50—Self and Society
POLI 3—Introduction to Comparative Politics	SOC 55—Sociology of the Family
POLI 5—Introduction to International Relations	SOC 60—Introduction to the Sociology of Gender
POLI 6—Global Issues	SOC 70—Introduction to Crime and Deviance
POLI 9—Community Mobilization and Politics	SOC 80—Issues of Race and Ethnicity
PSY 1—Introduction to Psychology	