GEORGE MASON UNIVERSITY  
COLLEGE OF SCIENCE  
B.A. DEGREE IN BIOLOGY (1200 Exploratory Hall, 703-993-1050)  
2019-2020 Catalog

<table>
<thead>
<tr>
<th>Completed</th>
<th>MASON CORE REQUIREMENTS (27)</th>
<th>Course</th>
<th>Grade</th>
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</thead>
<tbody>
<tr>
<td>ENGH 101 (100) (3)</td>
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<td>COMM (100 or 101) (3)</td>
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<tr>
<td>N/A</td>
<td>Quantitative Reasoning (satisfied by completion of major requirements)</td>
<td>XXXX</td>
<td>XXXX</td>
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<tr>
<td>Literature (3)*</td>
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<td>Fine Arts (3)*</td>
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<tr>
<td>Western Civilization HIST 100 or HIST 125 (3)</td>
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<td>Social and Behavioral Science (3)</td>
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<tr>
<td>N/A</td>
<td>Natural Science Sequence (satisfied by completion of major requirements)</td>
<td>XXXX</td>
<td>XXXX</td>
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<tr>
<td>Global Understanding (3) ^2,^4*</td>
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<td>N/A</td>
<td>Information Technology (satisfied by completion of major requirements)</td>
<td>XXXX</td>
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<td>ENGH 302 (C or better) (3)</td>
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<td>Synthesis (3)</td>
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*A listing of courses satisfying many of the general education requirements can be found on the reverse side of this sheet

COLLEGE LEVEL REQUIREMENTS (9-21)

- Foreign Language, Elementary level (0-6)
- Foreign Language, Intermediate level (0-6)
- Philosophy or Religious Studies (3) ^1,^2,^3,*
- Additional Social & Behavioral Science (3) ^4,^5*
  (ADJ, ECON, GEOG [not 102, 209], GOVT, ANTH, PSYC, SOCI)
- Non-Western Culture (3) ^3,^5*

^1,^2,^3,^4,^5 Requirements with matching numbers can use specific single course to fulfill both requirements

MAJOR REQUIREMENTS: BIOLOGY [CORE] (21)

- BIOL 213 (4) Cell Biology
- BIOL 214 (4) Introduction to Biostatistics
- BIOL 311 (4) General Genetics (Prerequisites BIOL 213 required, BIOL 214 is recommended)
- BIOL 308 (5) Foundations of Ecology and Evolution (Prerequisite: BIOL 213, 214 required, BIOL 311 is recommended) Writing Intensive
- BIOL 300 (4) Biodiversity (Prerequisite: BIOL 213, required)

MAJOR REQUIREMENTS: BIOLOGY ELECTIVES (11)

Courses chosen from BIOL: (List choices below) [One Upper Division Lab Course Required]

A. BIOL  

B. BIOL  

C. BIOL  

MAJOR SUPPORTING REQUIREMENTS (20-23)

- CHEM 211, 213 (4) and CHEM 212, 214 (4) General Chemistry
- One of the following MATH 111, or 113, or (MATH123 and MATH124)
- CDS130 (3) or IT104 (3)
- 2 Courses chosen from the following: ASTR 103, 111, 113; GEOL 101, 102; PHYS 243, 245 (6-8)

GENERAL ELECTIVES (12-32) (List courses)

MINIMUM HOURS TO GRADUATE: 120

UPPER DIVISION CREDITS (300+ level) (minimum 45)

Minimum GPA: (overall 2:00, Major 2.0) [Biology majors must earn a minimum grade of C in all biology core courses listed above], Supporting 2.0)
Literature
ARAB 325 - Major Arab Writers/Stories
CHIN 310 - Survey of Chinese Literature
CHIN 311 - Modern Chinese Literature
CHIN 325 - Major Chinese Writers
CHIN 328 - Asian American Women Writers
CLAS 250 - Classical Mythology
CLAS 300 - Legacy of Greece and Rome
CLAS 340 - Greek and Roman Art
CLAS 345 - Greek and Roman Tragedy
CLAS 360 - Greek and Roman Comedy
CLAS 380 - Greek and Roman Novels
ENGLISH 201 - Reading and Writing Texts
ENGLISH 202 - Texts and Authorship: Social Sciences
ENGLISH 203 - Western Literary Tradition
ENGLISH 204 - Western Literary Traditions
FREN 325 - Major French Literature
FREN 329 - Prose of West Civ French
FREN 330 - Topics in World Literature
GERMAN 325 - Major Wittgenstein
ITAL 320 - Topics Italian Film and Literature
ITAL 325 - Major Italian Writers
JAPANESE 340 - Topics in Japanese Literature
KOREAN 311 - Modern Korean Literature
PHIL 253 - Philosophy and Literature
RELIGION 325 - Religion and Literature
RUSSIAN 325 - Major Russian Writers
RUSSIAN 326 - Survey of the Russian Literature
RUSSIAN 327 - Survey of Russian Literature
SPANISH 325 - Major Hispanic Writers

Fine Arts
ARTH 101 - Intro to the Visual Arts
ARTH 102 - Symbolic and Formal Art
ARTH 103 - Introduction to Architecture
ARTH 200 - Survey of Western Art
ARTH 201 - Survey of Modern Art
ARTH 203 - Survey of Asian Art
ARTH 204 - Survey of Latin American Art
ARTH 321 - Art of the Ancient Near East
ARTH 322 - Roman Art and Archaeology
ARTH 324 - The Hellenistic World
ARTH 333 - Eastern Christian Byzantine Art
ARTH 334 - Western Medieval Art
ARTH 335 - Arts of Medieval England
ARTH 336 - Early Renaissance Art in Italy
ARTH 341 - Northern Renaissance Art
ARTH 342 - High Renaissance Art Italy
ARTH 343 - Baroque Art: England, France, and Spain
ARTH 345 - Northern Baroque Art
ARTH 360 - 19th-Century European Art
ARTH 382 - 20th-Century European Art
ARTH 387 - Arts of the United States
ARTH 392 - 19th-Century American Art
ARTH 393 - 20th-Century American Art
ARTH 403 - Art of the China
ARTH 404 - Studio Fundamentals I
ARTH 415 - Typography
ARTH 422 - Drawing I
ARTH 423 - Painting I
ARTH 424 - Printmaking I
ARTH 425 - Fundamentals of Photography
ARTH 425 - Intro to Digital Photography
ARTH 426 - Sculpture I
ARTH 427 - Interdisciplinary Arts
DANCE 101 - Dance Appreciation
DANCE 110 - Dance Theory: Dance Culture
DANCE 125 - Beginning Modern Dance
DANCE 131 - Beginning Jazz Technique
DANCE 132 - Beginning African American Dance
DANCE 161 - Beginning Tap Dance
DANCE 225 - Beginning Intermediate Modern Dance
DANCE 231 - Beginning Intermediate Jazz
DANCE 245 - Beginning Intermediate Ballet
DANCE 301 - What is Dance?
DANCE 325 - Modern/Contemporary Dance III
DANCE 331 - Advanced Jazz Dance
DANCE 345 - Ballet III
DANCE 425 - Modern/Contemporary Dance IV
DANCE 445 - Ballet IV
DANCE 490 - Dance Therapy I
DANCE 391 - Dance History II
ENGLISH 370 - Introduction to Documentary
ENGLISH 371 - Television Studies
ENGLISH 372 - Introduction to Film
ENGLISH 396 - Intro to Creative Writing
FILM 225 - The History of World Cinema
GAME 101 - Intro to Game Design
MUSI 100 - Fundamentals of Music
MUSI 101 - Intro to Classical Music
MUSI 102 - Popular Music in America
MUSI 107 - The Development of Jazz
MUSI 280 - Athletic and Competitive Ensemble
MUSI 301 - Music in Motion Pictures
MUSI 302 - American Musical Theatre
MUSI 380 - Wind Ensemble (1 cr)
MUSI 381 - University Chorale (1 cr)
MUSI 382 - Piano Ensemble Studies
MUSI 383 - Symphonic Band (1cr)
MUSI 384 - Symphonic Chorus (1cr)
MUSI 385 - Chamber Singers (1cr)
MUSI 387 - Symphony Orchestra (1cr)
MUSI 389 - Jazz Ensemble (1cr)
MUSI 485 - Chamber Ensembles (1cr)
PHIL 156 - What Is Art?
THTR 101 - Theatrical Medium
THTR 150 - Drama, Stage, and Society
THTR 151 - Drama, Stage, and Society II

Social and behavioral science
AFAM 200 - Intro to African American Studies
ANTH 114 - Intro to Cultural Anthropology
ANTH 120 - Unearthing the Past
ANTH 135 - Blooming Human: Evo, Cogn, Culture
ANTH 363 - Humans, Disease and Death
ANTH 372 - Culture of Disease, Risk & Hope
ANTH 396 - Issues in Anthropology: Social Sciences
BUSINESS 100 - Business and Society
CONFLICT 101 - Conflict and Our World
CONFLICT 410 - Human Dimensions in Conservation
CRIMINAL JUSTICE 100 - Intro to Criminal Justice
ECONOMICS 100 - Economics for the Citizen
ECONOMICS 104 - Macroeconomics
ECONOMICS 105 - Economon for the Citizen
ECONOMICS 110 - Intro to Economic Science
ECONOMICS 111 - Lab Methods in Economics (level ECON 110)
EDUCATION 265 - Markets & Economic Policy
EDUCATION 372 - Human Dev, Learning, and Teaching
EDUCATION 373 - Human Dev
EDUCATION 374 - Teaching of Mathematics
EDUCATION 410 - Intro to American Gov
EDUCATION 420 - Intro to Health Behavior
EDUCATION 421 - Form of the American Rep
EDUCATION 422 - Development of Modern America
LINGUISTICS 306 - General Linguistics
PSYCHOLOGY 211 - Basic Clin Concepts in Psychology
PSYCHOLOGY 211 - Developmental Psychology
PSYCHOLOGY 231 - Social Psychology
PUBLIC POLICY 101 - Introductory Sociology
PUBLIC POLICY 302 - Social Problems & Solutions
PUBLIC POLICY 355 - Social Inequalities
PUBLIC POLICY 400 - Breadth in American Society
RESEARCH 111 - Women Geography
RESEARCH 103 - Intro to American Gov
HEALTH 230 - Intro to Health Behavior
HISTORY 121 - Form of the American Rep
HISTORY 122 - Development of Modern America
LINGUISTICS 306 - General Linguistics
PUBLIC POLICY 211 - Basic Clin Concepts in Psychology
PUBLIC POLICY 211 - Developmental Psychology
PUBLIC POLICY 231 - Social Psychology
PUBLIC POLICY 302 - Introductory Sociology
PUBLIC POLICY 355 - Social Inequalities
PUBLIC POLICY 400 - Breadth in American Society
TOURISM 111 - Women and Gender Studies

Global Understanding
ANTH 302 - Peoples & Cultures of Latin America
ANTH 306 - Peoples & Cultures of Islands Asia
ANTH 307 - Ancient Mesoamerica
ANTH 308 - Peoples & Cultures of the Middle East
ANTH 309 - Peoples & Cultures of India
ANTH 312 - Political Anthropology
ANTH 313 - Myth, Magic, and Mind
ANTH 316 - Peoples & Cultures of the Caribbean
ANTH 331 - Refugees
ANTH 332 - Cross-cultural perspectives on globalization
ANTH 339 - Art & Archaeology of the Ancient Near East
ANTH 390 - Art of the Islamic World
ANTH 392 - African Art
ANTH 382 - Arts of India
ANTH 383 - Arts of Southeast Asia
ANTH 384 - Arts of China
ANTH 385 - Arts of Japan
ANTH 386 - The Silk Road
BUSINESS 300 - Global Environment of Business
BUSINESS 100 - Form of the American Rep
BUSINESS 104 - Development of Modern America
ORTHOPEDES 100 - Intro to Orthopedic Science
PUBLIC POLICY 101 - Introductory Sociology
PUBLIC POLICY 302 - Social Problems & Solutions
PUBLIC POLICY 355 - Social Inequalities
PUBLIC POLICY 400 - Breadth in American Society
TOURISM 111 - Women and Gender Studies

Synthesis Requirement
Take a synthesis course after completing at least 60 credits

Non-Western Culture
ARTH 140, 420
ART 203, 204, 319, 320, 380, 382,383,384,385,386,387,388,389,390
CHIN 318, 320, 325
DANCE 495
SPANISH 228, 313, 390

PHIL 243 - Global Environmental Ethics
PSYCHOLOGY 370 - Historical Cross-Cultural Psych
PSYCHOLOGY 100 - Human Relations
PSYCHOLOGY 211 - Religions of the West
PSYCHOLOGY 212 - Religions of Asia
PSYCHOLOGY 213 - Religions of India
PSYCHOLOGY 215 - Buddhism
PSYCHOLOGY 216 - Religions in Latin America
PSYCHOLOGY 217 - Religions of Africa
PSYCHOLOGY 218 - Global Persp. on Spirituality and Healing
PSYCHOLOGY 219 - African Philosophy
RUSSIAN 354 - Post-SoViet Life
SOCIAL SCIENCE 301 - Globalization and Society
SOCIAL SCIENCE 302 - Social Structure and Globalization
SOCIAL SCIENCE 303 - Sociology of Urban Communities
SPANISH 422 - Intro to Latin American Culture
SPANISH 466 - Latin American Civilization/Culture
SYSTEM 202 - Engineering Sys in a Complex World
THTR 359 - World Stages
TOUR 210 - Global Understanding through Travel/Tourism
WMST 100 - Rep of Women