

## B. S. BIOLOGY

with or without Teacher Certification, Biomedical Research, Conservation, or Medical Technology

### FIRST SEMESTER COURSE SUGGESTIONS

Courses	Hours
ACAD 101 Principles of the Learning Academy	1
WRIT 101 Composition or HMXP 102 Human Experience (if WRIT 101 credit earned)	3
BIOL 202 Freshman Symposium in Biology (fall semester only)	1
BIOL 221/223 Principles of Ecology, Evolution, and Biodiversity with Lab (or BIOL 220/222 Principles of Cell and Molecular Biology with Lab)	4
CHEM 104 Chemistry and Problem Solving Fundamentals or CHEM 105 General Chemistry (based on placement)	3-4
MATH 150 Introductory Discrete Mathematics (or higher based on Math Placement Exam recommendation <a href="http://www.winthrop.edu/mpe">www.winthrop.edu/mpe</a> )	3
<b>Additional or alternative course option(s):</b> General Education course(s) recommended by advisor Foreign Language	

Students pursuing Teacher Certification should take EDCO 101 (1).

Students accepted into the SEA-PHAGE program will take BIOL 220 and BIOL 270 (SEA-PHAGE Discovery Lab), which replaces BIOL 222.

**Select General Education courses from the approved list on the following pages.**

**GENERAL EDUCATION Semester Hours**

ACAD 101 Principles of the Learning Academy (First-time Freshmen only) **1**

**Shared Skills and Proficiencies**

**Writing & Critical Thinking 9%**

WRIT 101 Composition: Introduction to Academic Discourse  
 HMXP 102 The Human Experience: Who Am I? (Minimum grade of C- required)  
 CRTW 201 Critical Reading, Thinking, and Writing (Minimum grade of C- required)

**Oral Communication 0-3\***

ARTE 391 Principles of Teaching Art  
 BIOL 480 Integration of Biological Principles  
 CHEM 552 Research  
 CSCI 327 Social Implications of Computing  
 DCED 391 Principles of Teaching Dance: Curriculum and Pedagogy  
 DSCI 402 Data Science Capstone  
 ECED 352 Teaching Social Studies in Early Childhood Education  
 EDCO 400 Intern I: Culture & Climate  
 EDCO 401 Internship: Contextual Factors  
 ENGE 391 Princ of Teaching English in Middle & Second Schools  
 FREN 202 Intermediate French II  
 FREN 220 Fairy Tales, Songs, and Comics  
 GEOG 500 Global Environment and Sustainable Development  
 GERM 313 German Conversation  
 HDPS 573 Career Education and Professional Ethics  
 LEAD 465 Leadership & Communication  
 MATH 400 Senior Seminar  
 MGMT 365 Business Communication & Profess Develop  
 MLAN 391 Principles of Teaching Modern Languages in Grades K-12  
 MUST 590 Principles of Teaching Music: Elementary  
 NUTR 428 Community and Cultural Nutrition  
 PLSC 260 The United Nations  
 SCWK 431 Interpersonal Helping Skills in Social Work Practice  
 SPCH 201 Public Speaking  
 SPAN 202 Intermediate Spanish II  
 SPED 591 Assessment  
 THRA 120 Acting I  
 WRIT 465 Preparation of Oral and Written Reports  
 WRIT 566 Writing for Sciences and Technology

**Technology 0-3%**

ARTS 281 Digital Studio  
 BIOL 300 & 480 Scientific Proc in Biol & Integration of Biological Princ  
 CSCI 101 Introduction to Computers & Info Processing **AND**  
 3 from CSCI 101A, B, C, D, F, I, N, P  
 CSCI 101A Intermediate Word and PowerPoint  
 CSCI 101B Using Microsoft Excel  
 CSCI 101C Using Microsoft Access  
 CSCI 101D Advanced Microsoft Excel  
 CSCI 101F Learning Adobe Photoshop  
 CSCI 101I Learning Adobe Illustrator  
 CSCI 101N Learning Adobe InDesign  
 CSCI 101P Introduction to C++ Programming  
 CSCI 151 Overview of Computer Science  
 CSCI 207 & 327 Intro to Comp Sci I & Social Implic of Computing  
 DESF 161 Introduction to Computer Imaging  
 DIFD 141 Intro to Web Application & Digital Information Design  
 EDCO 305 Technology in the Classroom  
 GEOG 305 Introduction to Geographic Information Systems  
 GEOG 308 Intro to Geospatial Technologies  
 GEOG 320 Remote Sensing of the Environment  
 MCOM 205 Intro to Mass Communication  
 MCOM 226 & 230 Multimedia Storytell/Prod & Found of Digital Media  
 PSYC 195 Tech Tools for Social Sci Research & Personal Productivity  
 VCOM 262 Introduction to Web Design  
 WRIT 501 Writing for New Media  
 WRIT 502 Cyber Rhetoric

**GENERAL EDUCATION Semester Hours**

**Intensive Writing 0-3\***

ANTH 341 Ethnography and Fieldwork  
 ARTE 548 Art Ed Curriculum  
 ARTH 454 Contemporary Art and Criticism  
 BIOL 300 Scientific Process in Biology  
 CHEM 552 Research  
 CSCI 327 Societal Implications of Computing  
 CSCI 329 Race, Gender, Class, and Computing  
 DANT 386 Dance History: Contemporary Eras  
 ECED 350 Teaching Math in Early Childhood Ed  
**AND ELEM 360** Teaching Math in the Elementary School  
 ECED 392 Field Experiences in Early Childhood Education  
 ENGL 300 Approaches to Literature  
 ENV5 490 Senior Seminar in the Environment  
 FREN 310 Advanced Grammar, Composition I  
 HIST 300 Historiography and Methodology  
 IDVS 390 Individualized Studies Methodology  
 IDVS 490 Individualized Studies Project: Capstone  
 IMCO 471 Public Relations Writing and Production  
 LEAD 465 Leadership & Communication  
 MATH 400 Senior Seminar  
 MAED 548 Secondary Math Curriculum and Pedagogy  
 MCOM 412 Ethics and Issues in Mass Communication  
 MCOM 441 Multimedia Reporting of Public Institutions & Issues  
 MGMT 365 Business Communication & Profess Develop  
 MLED 591 Reflective Teaching in Middle Level Education  
 MUST 306 History of Music from 1750-1900  
 NUTR 494 Seminar in Human Nutrition  
 PESH 381 Research Methods in Phys Act and Sports Mgmt  
 PETE 390 Reflective Teaching in Physical Education  
 PHIL 495 Methods and Research Seminar in Philosophy  
 PLSC 490 Senior Capstone in Political Science  
 PSYC 302 Research Methods in Psychology  
 RELG 495 Methods & Research Seminar in Religious Studies  
 SCWK 330 Research Methods for Social Work  
 SCST 391 Principles of Teaching Social Studies II  
 SOCL 341 Ethnography and Fieldwork  
 SOCL 516 Social Research II: Methods  
 SOCL 519 Social Research Methods II: Qualitative Methods  
 SPAN 310 Advanced Grammar & Composition  
 SPED 585 Intro Academic & Behavioral Meth ED, LD, MD and SD  
 SPMA 390 Research and Data Analysis in Sport Management  
 THRT 386 Theatre History and Literature II  
 THRT 442 African American Theatre  
 WRIT 300 Rhetorical Theory  
 WRIT 350 Introduction to Composition Theory and Pedagogy  
 WRIT 351 Advanced Non-Fiction Writing Workshop  
 WRIT 366 Technical Communication  
 WRIT 465 Preparation of Oral and Written Reports  
 WRIT 501 Writing for New Media  
 WRIT 503 Creative Writing Theory  
 WRIT 566 Writing for Sciences and Technology

**Constitution (Founding Documents) Requirement 0-3\***

ECON 103 Introduction to Political Economy  
 HIST 211 United States History to 1877  
 HIST 212 United States History since 1877  
 PLSC 201 American Government  
 PLSC 309 Controversies of the American Founding  
 PLSC 356 American Political Thought

\* These requirements may be met by courses which also meet other Gen Ed distribution requirements.  
 Winthrop University Undergraduate Catalog 2022-23

## GENERAL EDUCATION

## Semester Hours

**Physical Activity**

All DANA courses Dance courses numbered 101-471

PESH 101	Aerobic Walking
PESH 102	Weight Training
PESH 103	Cardio Kick
PESH 104	Disc Games
PESH 105	Yoga
PESH 106	Pilates
PESH 107	Fitness through Core Stability
PESH 108	Aerobic Dance
PESH 115	Beginning Running
PESH 120	Beginning Swimming
PESH 123	Water Aerobics
PESH 124	Lifeguard Training
PESH 125	Water Safety Instructor
PESH 128	Scuba Diving
PESH 129	Advanced Scuba
PESH 130	Scuba Diver Rescue
PESH 131	Dive Leader
PESH 134	Water Polo
PESH 140	Beginning Badminton
PESH 142	Beginning Tennis
PESH 143	Intermediate Tennis
PESH 144	Beginning Racquetball
PESH 147	Intermediate Basketball
PESH 148	Volleyball
PESH 150	Martial Arts
PESH 152	Basic Archery Instructor, NASP
PESH 153	Beginning Fencing
PESH 154	Beginning Golf
PESH 155	Intermediate Golf
PESH 160	Global Games
PESH 165	Geocaching
PESH 166	Beginning Snow Skiing or Snowboarding
PESH 167	Intermediate Snow Skiing or Snow Boarding
PESH 168	Beginning Rock Climbing
PESH 170	Beginning Kayaking
PESH 171	Introduction to Moving Water Kayaking
PESH 172	Outdoor Education: Rafting, Camping, and Backpacking
PESH 174	Mountain Biking

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**Thinking Critically Across Disciplines^****Global Perspectives^**

ANTH 101	Introduction to Human Diversity
ANTH 201	Introduction to Cultural Anthropology
ANTH 203	Introduction to Language and Culture
ANTH 301	Cross-Cultural Perspective of Human Experience
ANTH 321	Cultures of Latin America
ANTH 322	Ancient Civilizations of the Americas
ANTH 324	Amerindian Warfare and Ritual Violence
ANTH 326	Native Peoples & Environment
ARTH 175	Introduction to Art Hist from Prehist to the Middle Ages
ARTH 176	Introduction to Art Hist from the Renaissance to Present
ARTH 341	Ancient Greek and Roman Art
ARTH 342	Medieval European Art and Architecture
ARTH 344	European Renaissance Art
ARTH 346	Global Baroque
ARTH 347	Art in the Age of Revolution
ARTH 351	Arts of Africa
ARTH 352	Arts of the Americas
ARTH 353	Arts of Oceania
ARTH 357	Ancient Egyptian Art and Architecture
ARTH 358	Art and Architecture of the Islamic Worlds
ARTH 421	Visual Culture of Medieval Pilgrimage
ARTH 422	The Medieval City
ARTH 455	Museums, Monuments, and Cultural Heritage
ECED 310	Home-School-Comm Partnerships with Diverse Families

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## GENERAL EDUCATION

## Semester Hours

EDUC 315	Comparative Education
ENGL 208	Foundations of World Literature
ENGL 307	The Arthurian Tradition
ENGL 308	World Literature After 1700
ENGL 333	Global Narratives
ENGL 502	Studies in Non-Western Literature
FREN 201	Intermediate French I
FREN 280	The French Film
FREN 302	French Civilization and Culture II
FREN 360	Special Topics in French
GEOG 101	Human Geography
GEOG 201	The Geography of World Regions
GEOG 303	Geography of Africa
GEOG 306	Geography of Latin America and the Caribbean
GERM 201	Intermediate German I
GERM 280	The German Film
GERM 301	German Civilization and Culture
HIST 111	World Civilizations to 950
HIST 112	World Civilizations From 950 - 1750
HIST 113	World Civilizations Since 1750
HIST 333	Imperial China
HIST 335	Modern Japan
HIST 344	Euro Hist from Age of Reason-Versailles Settlement
HIST 345	European History Since 1914
HIST 351	Latin American History
HIST 547	History of Modern Russia
HIST 548	History of Modern Germany
HIST 549	The Third Reich
HIST 560	The History of Mexico and Central America
HONR 233H	Special Topics in Global Issues
INAS 425	Seminar in International Area Studies
MCOM 302	International Communication
MCOM 304	Intercultural Communication
MGMT 200	Introduction to International Business
MUST 307	Music Since 1900
PLSC 205	International Politics
PLSC 207	Comparative Politics
PLSC 260	The United Nations
PLSC 336	Russian Politics
PLSC 345	European Politics
PLSC 504	American Foreign Policy
PLSC 508	National Security Policy
RELG 300	Introduction to World Religions
RELG 335	Buddhism
RELG 340	Hinduism
SPAN 201	Intermediate Spanish I
SPAN 280	The Spanish Film
SPAN 360	Special Topics in Spanish
SPMA 325	Global Perspectives in Sport
THRT 210	Script Analysis
VCOM 392	Special Topics: Comic Books: a Social History
VPAS 397	Special Topics in Visual and Performing Arts

**Historical Perspectives^**

AAMS 300	Introduction to African American Studies
ARTH 175	Intro to Ancient and Medieval Art
ARTH 176	Intro to Art Hist from Renaissance to Present
ARTH 341	Ancient Greek and Roman Art
ARTH 342	Medieval European Art and Architecture
ARTH 344	European Renaissance Art
ARTH 346	Global Baroque
ARTH 347	Art in the Age of Revolution
ARTH 348	Modernism
ARTH 357	Ancient Egyptian Art and Architecture
ARTH 358	Art and Architecture of the Islamic Worlds
ARTH 421	Visual Culture of Medieval Pilgrimage
ARTH 422	The Medieval City
ARTH 455	Museums, Monuments, and Cultural Heritage
DANT 385	Dance History: Origins and Traditions

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^ No more than 2 courses in the major may count towards requirements in these groupings.

## GENERAL EDUCATION

## Semester Hours

**Historical Perspectives-continued**

DANT 386	Dance History: Contemporary Eras
ENGL 203	Major British Authors
ENGL 208	Foundations of World Literature
ENGL 211	Major American Authors
ENGL 507	History and Development of Modern English
FREN 385	Topics in French/Francophone Civilizations
HIST 111	World Civilizations to 950
HIST 112	World Civilizations From 950 - 1750
HIST 113	World Civilizations Since 1750
HIST 211	US History to 1877
HIST 212	US History Since 1877
HIST 333	Imperial China
HIST 335	Modern Japan
HIST 350	Special Topics in History
HIST 352	History of United States-Latin Amer Relations
HIST 502	Social Movements in the United States Since the 1960s
HIST 509	African American History
HIST 550	Special Topics in History
HIST 560	The History of Mexico and Central America
HONR 231H	Special Topics in Historical Issues
INDS 272	Interior Design and Architectural History II
MDST 300	Introduction to Medieval Studies
MUST 305	History of Music to 1750
PEAC 502	Hist & Cult Study of Socl Movements in the US Since 1960s
SPMA 380	History of Sport
PHIL 301	History of Philosophy: Ancient History
PHIL 302	History of Philosophy: Modern Period
RELG 313	Introduction to the Hebrew Bible (Old Testament)
RELG 314	New Testament
RELG 316	Christian Thought from Origins to the Reformation
RELG 320	Religion in America
SPAN 385	Special Topics in Spanish/Hispanic Civilization and Culture
THRT 312	History of Dress and Décor
THRT 385	Theatre History and Literature I
THRT 386	Theatre History and Literature II
VCOM 374	History of Graphic Design and Illustration
VCOM 392	Special Topics: Comic Books: a Social History

**Introducing Students to Broad Disciplinary Perspectives<sup>^</sup>****Social Science (2 designators)**

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ANTH 101	Introduction to Human Diversity
ANTH 201	Introduction to Cultural Anthropology
ANTH 203	Introduction to Language and Culture
ANTH 301	Cross-Cultural Perspective of Human Experience
ANTH 321	Cultures of Latin America
ANTH 322	Ancient Civilizations of the Americas
ANTH 324	Amerindian Warfare and Ritual Violence
ANTH 326	Native Peoples & Environment
CSCI 329	Race,Gender,Class,& Computing
ECON 103	Introduction to Political Economy
ECON 215	Principles of Microeconomics
ECON 216	Principles of Macroeconomics
EDCO 200	Developmental Sciences and the Context of Poverty
ENVS 101	Introduction to Environmental Issues
GEOG 101	Human Geography
HCMT 200	Introduction to Health Care Management
HONR 234H	Special Topics in Social Science
LGST 300	Introduction to Legal Studies
MCOM 495	Media and Politics
PLSC 200	People, Power & Politics: Intro to Political Science
PLSC 201	American Government
PLSC 202	State and Local Government
PLSC 205	International Politics
PLSC 207	Comparative Politics
PLSC 207	Comparative Politics
PLSC 260	The United Nations

**Social Science-continued**

PLSC 316	LGBTQ Politics & Policies
PSYC 101	General Psychology
SOCL 101	Social Problems and Social Policy
SOCL 201	Principles of Sociology
SCWK 200	Intro to Social Work
WMST 316	LGBTQ Politics & Policies ( <i>pending CAS approval</i> )

**Humanities and Arts (2 designators) <sup>^</sup> 6§**

ARTH 175	Intro to Art Hist from Prehistory to Middle Ages
ARTH 176	Intro to Art Hist from Renaissance to Present
ARTH 341	Ancient Greek and Roman Art
ARTH 342	Medieval European Art and Architecture
ARTH 344	European Renaissance Art
ARTH 346	Global Baroque
ARTH 347	Art in the Age of Revolution
ARTH 348	Modernism
ARTH 351	Arts of Africa
ARTH 352	Arts of the Americas
ARTH 353	Arts of Oceania
ARTH 357	Ancient Egyptian Art and Architecture
ARTH 358	Art and Architecture of the Islamic Worlds
ARTH 421	Visual Culture of Medieval Pilgrimage
ARTH 422	The Medieval City
ARTH 452	Women in Art
ARTH 453	Art of the Book
ARTH 454	Contemporary Art and Criticism
ARTH 455	Museums, Monuments, and Cultural Heritage
ARTH 482	Special Topics in Art History
ARTS 101	Two-Dimensional Design I
ARTS 102	Three-Dimensional Design I
ARTS 120	Drawing I
ARTS 305	Introduction to Photography
ARTS 307	Introduction to Interdisciplinary Studio
ARTS 311	Photo Communication
ARTS 334	Beginning Printmaking
ARTS 351	Ceramics I
ARTS 355	Jewelry & Metals I
ARTS 364	Digital Photography
ARTS 458	Digital Modeling
ARTT 298	Art Appreciation
DANA 101	Beginning Modern Dance
DANA 102	Intermediate Modern Dance
DANA 104	Beginning Ballet
DANA 105	Intermediate Ballet
DANA 231	Tap Dance I
DANA 232	Tap Dance II
DANA 236	Early Dance
DANA 238	Hip Hop
DANA 246	Social Dance
DANA 249	Advanced Social Dance
DANA 251	Jazz Technique I
DANA 252	Jazz Technique II
DANA 258	World Dance Forms
DANA 261	Musical Theatre Dance Forms
DANT 201	Choreography I
DANT 298	Dance Appreciation
DESJ 120	Design Drawing
DESJ 222	Visual Thinking/Symbolic Communication
EDUC 312	History of American Education
ENGL 200	Literary Topics and Trends
ENGL 203	Major British Authors
ENGL 208	Foundations of World Literature
ENGL 211	Major American Authors
ENGL 305	Shakespeare
ENGL 307	The Arthurian Tradition
ENGL 308	World Literature After 1700
ENGL 310	Special Types of Literature
ENGL 311	Special Types of Literature

<sup>^</sup> No more than 2 courses in the major may count towards requirements in these groupings.§ Designators that differ only for the purpose of theory and application will be considered the same designator  
DANT are the same; THRA and THRT are the same.

in this category. (Example: ARTS and ARTT are the same; DANA and

## GENERAL EDUCATION

## Semester Hours GENERAL EDUCATION

## Semester Hours

**Humanities and Arts- continued**

ENGL 312	African American Literature
ENGL 317	The Short Story
ENGL 319	The British Novel
ENGL 320	Recurrent Themes in Literature
ENGL 321	Recurrent Themes in Literature
ENGL 323	The Nineteenth-Century American Novel
ENGL 324	The Twentieth-Century American Novel
ENGL 325	Dramatic Literature
ENGL 328	Healing Arts in Medicine
ENGL 330	Women and Literature
ENGL 333	Global Narratives
ENGL 370	Literature and Film
ENGL 550	Topics in Critical Reading
FREN 250	Intermediate Composition and Conversation
FREN 395	Topics-French/Francophone Lit
GERM 250	Introduction to German Literature and Composition
GERM 401	Survey of German Literature
HIST 111	World Civilizations to 950
HIST 112	World Civilizations From 950 - 1750
HIST 113	World Civilizations Since 1750
HIST 312	History of American Education
HIST 509	African American History
HONR 232H	Special Topics in Humanities and Arts
MDST 300	Introduction to Medieval Studies
MDST 510	Topics in Medieval Studies
MUSA 141-169	Music ensembles
MUSA 112, 211, 212, 411, 412	Music lessons
MUST 298	Music Appreciation
MUST 306	History of Music from 1750-1900
PEAC 200	An Intro to Peace, Justice, & Conflict Resolu Studies
PEAC 350	Special Topics in Peace, Justice & Conflict Res Stu
PEAC 370	Religion, Conflict, and Coexistence
PHIL 101	Introduction to Philosophy
PHIL 230	Introduction to Ethics
PHIL 301	History of Philosophy: Ancient Period
PHIL 302	History of Philosophy: Modern Period
PHIL 303	Existentialism
PHIL 312	Theories of Knowledge and Reality
PHIL 315	Developments in Moral Philosophy
PHIL 340	Environmental Ethics
PHIL 350	Special Topics in Philosophy
PHIL 370	Concepts & Problems in Law
PHIL 390	Philosophy of Religion
PHIL 575	Business Ethics
PLSC 356	American Political Thought
READ 290/590	Children's Literature
RELG 101	Introduction to Religious Studies
RELG 220	Reading Biblical Texts
RELG 300	Introduction to World Religions
RELG 313	Introduction to the Hebrew Bible (Old Testament)
RELG 314	New Testament
RELG 316	Christian Thought from Origins to the Reformation
RELG 317	Modern Christian Thought
RELG 350	Special Topics in Philosophy
RELG 370	Religion, Conflict, and Coexistence
RELG 390	Philosophy of Religion
SPAN 250	Intermediate Composition and Conversation
SPAN 372	Latin American Women Writers
SPAN 395	Topics in Spanish/Hispanic Lit
THRA 120	Acting I
THRT 210	Script Analysis
THRT 298	Theatre Appreciation
THRT 312	History of Dress and Décor
THRT 385	Theatre History and Literature I
THRT 386	Theatre History and Literature II
THRT 442	African American Theatre
VCOM 151	Design Fundamentals
VCOM 258	Introduction to Typography

**Humanities and Arts- continued**

VCOM 354	Basic Design Applications
VCOM 374	History of Graphic Design and Illustration
VPAS 115	Arts Lab
VPAS 320	Integrated Arts
VCOM 392	Special Topics: Comic Books: a Social History
VPAS 397	Special Topics in Visual and Performing Arts
WMST 300	Introduction to Women's and Gender Studies

**Quantitative Skills and Natural Science (3 courses)^ 9-12****Quantitative (3-8)**

MATH 101	Alg & Trig for Calculus
MATH 105	Applied Calculus
MATH 111	Everyday Mathematics
MATH 112	Joy of Mathematics
MATH 141	Finite Probability, Statistics
MATH 150	Introduction to Discrete Mathematics
MATH 151	Applied College Algebra
MATH 201	Calculus I
MATH 202	Calculus II
QMTH 205	Business Statistics

**Natural Science (3-8)**

*One must include a lab (indicated by ~); if 2 courses taken, must be in two areas^*

*Life*

ANTH 315~	Forensic Anthropology
BIOL 150/151~	Elem of Living Systems/Investig Into Living Systems
BIOL 220/222~	Prin of Cell and Molecular Biology/Lab <b>OR</b>
BIOL 220/270~	Prin of Cell & Mole Biol/SEA PHAGES Discovery Lab
BIOL 221/223~	Prin in Ecology, Evolution, & Biodiversity/Lab <b>OR</b>
BIOL 221/271~	Prin in Ecol, Evol, Biodiv/ SEA-PHAGE Bioinformatics
HONR 235H	Special Topics in Natural Science
NUTR 221/222~	Human Nutrition/Intro to Nutrition Laboratory
NUTR 223	The Science of Human Nutrition

*Earth*

ANTH 220	Introduction to Archaeology
ANTH 345	Field Work in Archaeology
GEOL 110/113~	Physical Geology/Physical Geology Lab
GEOL 210/211~	Historical Geology/Historical Geology Lab
GEOL 220	Oceanography
GEOL 250/251~	Earth & Space Systems/Earth & Space Systems Lab
GEOL 270	Dinosaurs

*Physical*

CHEM 101	Applying Chemistry to Society
CHEM 105	General Chemistry I
CHEM 117	Introd Environmental Chemistry
CHEM 123~	Biochemistry of the Mediterranean Diet
PHYS 101/102~	Everyday Physics/Lab
PHYS 105	Energy and the Environment
PHYS 201/201L~	General Physics I/Lab
PHYS 211/211L~	Physics with Calculus I/Lab
PHYS 250	Matter and Energy
PHYS 253	Astronomy
PHYS 256	Musical Acoustics

*\* These requirement may be met by courses which also meet other Gen Ed distribution requirements*

*§ Designators that differ only for the purpose of theory and application will be considered the same designator in this category. (Example: ARTS and ARTT are the same; DANA and DANT are the same; THRA and THRT are the same.*

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