

SECTION IV: DEPARTMENT OF WILDLIFE, FISHERIES AND AQUACULTURE

2018-2019 Wildlife, Fisheries and Aquaculture Major Conservation Law Enforcement Concentration (CLE)

Total Hours = 124 (effective Fall 2017)

Freshman Year

Fall Semester

BIO 1134 Biological Sciences I
CH 1043/1213 Survey of Chemistry I or Chemistry I (C in MA 1313 or ACT math subscore 24)
EN 1103 English Comp. I (ACT subscore 17)
SO 1003 Intro. to Sociology
WFA 1102 Wildlife and Fisheries Profession (FR, SO, or instructor consent) (FL)

Spring Semester

BIO 1144 Biological Sciences II
CH Survey of Chemistry II (CH 1043) or Chemistry II (CH 1213) 1053/1223*
EN 1113 English Composition II (EN 1103)
Oral Communication Elective (3)
PSY 1013 General Psychology

Sophomore Year

Fall Semester

WFA 3133 App. Aqu. & Terr. Eco. (BIO 1134 & 1144)
CRM 1003 Crime and Justice in America
MA 1313 College Algebra or MA 1613 Business Calculus
Plant Elective (3)
Fine Arts Elective (3)

Spring Semester

PHI 1123 Intro to Ethics (3)
CRM 3133 Deviant Behavior
Statistics Elective (3)
CLE Elective (3)
Humanities Elective (3)

Junior Year

Fall Semester

WFA 4153 Principles of Wildlife Conservation and Management (SO)(WFA 3133 or FO 4123)
BIO 3524 Biology of Vertebrates
Writing Elective (3)
Aquatics Elective (3)
Computer Application Elective (3)

Spring Semester

WFA 4243 Wildlife Techniques (JR) (SP)
CLE Elective (3)
CLE Elective (3)
Natural Resources Management Elective (3)
Natural Resources Management Elective (4)

Senior Year

Fall Semester

WFA 4223 Wildlife Plant ID (BIO 1134 & BIO 1144 & WFA 3133) (FL, Maymester)
WFA 4353 Fish and Wild. Policy & Law (SR)(FL)
Natural Resources Management Elective (3)
Natural Resources Management Elective (4)
CLE Elective (3)

Spring Semester

WFA 4473 Wildlife & Fisheries Practices (SR)(WFA 3133 & WFA 4153) (SP)
Natural Resources Policy Elective (3)
CLE Elective (3)
CLE Elective (3)
Natural Resources Management Elective (3)

*Survey of Chem II requires prerequisite of Survey of Chem. Cannot switch between series.

Classes in **BOLD** require a C or better. FL= offered only in fall semester; SP= offered only in spring semester

SECTION IV: DEPARTMENT OF WILDLIFE, FISHERIES AND AQUACULTURE

2018-2019 Approved Elective List

Wildlife, Fisheries and Aquaculture- Conservation Law Enforcement (WFA/CLE)

Fine Arts Electives (MSU Core)

ARC 1013	Architectural Appreciation
ART 1013	History of Art I
ART 1023	History of Art II
ART 1113	Art Appreciation
CO 1503	Intro to the Theatre
HON 3173	Honors Seminar in Fine Arts (SOPH standing)
ID 3643	History of Interiors I
LA 1803	Landscape Architecture Appreciation
MU 1103	African American Music
MU 1113	His & Appr of Music
MU 1123	American Music App
MU 1133	History of Rock and Roll
PE 1323	His & Appr of Dance
PSS 2343	Floral Design
TKI 2413	His & Appr of the Artcrafts

Statistics Electives (MSU Core)

ST 2113	Intro to Stats (ACT Math subscore 24 or C in MA 1313)
ST 3123	Intro to Stat. Inf. (ACT Math subscore 24 or C in MA 1313)

Oral Communication Electives

AELC 3333	Presentations in Ag & Life Sci
CO 1003	Fund of Public Speaking
CO 1013	Intro to Communication

Writing Electives

AELC 3203	Prof Writing ANR Hum Sci (JR) (EN 1103, EN 1113)
CO 3343	Writing for the Media (C in EN 1113)
EDF 3413	Writing for Thinking (JR)(EN 1103, EN 1113)
EN 3313	Writing for the Workplace (EN 1113)
MGT 3213	Organizational Communication (EN 1113)

Plant Electives

BIO 2113	Plant Biology (BIO 1134)
BIO 2213	Survey of Plant Kingdom
BIO 4203	Taxonomy of Spermatophytes (BIO 2113, BIO 2213)
BIO 4213	Plant Ecology
FO 2113	Dendrology (BIO 1144 or BIO 2113)
PSS 3133	Intro Weed Science (BIO 2113; CH 1213 or CH 1053)

Humanities Electives (MSU Core)

AAS 1063	Intro to African American Studies
ARC 2313	History of Architecture I
ARC 3313	History of Architecture II (ARC 2313)
EN 2203	Intro to Lit (EN 1103, EN 1113)
EN 2213	English Lit Before 1800 (EN 1103, EN 1113)
EN 2223	English Lit After 1800 (EN 1103, EN 1113)
EN 2243	American Lit Before 1865 (EN 1103, EN 1113)
EN2253	American Lit After 1865 (EN 1103, EN 1113)
EN 2273	World Lit Before 1600 (EN 1103, EN 1113)
EN 2283	World Lit After 1600(EN 1103, EN 1113)
FL_ 1113-2143	Foreign Language
HI 1063	Early US History
HI 1073	Modern US History
HI 1163	World History Before 1500
HI 1173	World History After 1500
HI 1213	Early Western World
HI 1223	Modern Western World
HI 1313	East Asian Civ to 1300
HI 1323	East Asian Civ II
HI 4683	Europe: WWI to Hitler (one HI course)
HON 1163	The Quest Begins
HON 3183	Hon Sem in the Hum (SO) (EN 1103, EN 1113)
PHI 1103	Intro to Philosophy
PHI 1113	Intro to Logic
PHI 3023	History of Western Philosophy I
PHI 3033	History of Western Philosophy II
PHI 3153	Aesthetics
REL 1103	Intro to Religion
REL 3213	World Religions I
REL 3223	World Religions II

Natural Resource Policy Electives

FO 4343	Forest Admin & Org (JR)
FO 4353	Natural Resource Law (JR)
FO 4413	Natural Resource Policy (SR)
PS 4743	Environmental Policy (PS 1113, PS 2703)
WFA 4363	W&F Admin and Comm (JR)
WFA 4463	Human Dim of F&W Mgt (JR)

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2018-2019 Approved Elective List

Wildlife, Fisheries and Aquaculture- Conservation Law Enforcement (WFA/CLE)

Natural Resources Management Electives

AEC 2713	Intro to Food & Resource Economics or EC 2113 Prin of Macroeconomics (SO) or EC 2123 Prin of Micro-economics (SO)
BIO 2503	Environmental Quality (1 BIO course)
CH 1051	Exp Chemistry
EPP 4154	General Entomology
EPP 4244	Aquatic Entomology (EPP 4154)
FO 3113	Forest Recreation Management
FO 3203	Forest Fire
FO 4453	Remote Sensing App
GR 2313	Maps and Remote Sensing
GR 3113	Conservation of Natural Resources
GR 3303	Survey of Geospatial Technologies (GR 2313)
GR 4303	Introduction to GIS (JR)
GR 4313	Advanced GIS (GR 4303)
GR 4333	Remote Sensing Phys Env (GR 3303)
PSS 3303	Soils (CH 1043)
PSS 3301	Soils Lab (co-req: PSS 3303)
PSS 4333	Soil Cons & Land Use (PSS 3303)
Any Upper-Level WFA Course	

Computer Application Electives

AEC 1223	Computer Applications for Ag & Life Sciences
FO 3103	Computer Applications in Forest Resources
GR 2313	Maps & Remote Sensing
GR 3303	Survey of Geospatial Tech (GR 2313)
TKT 1273	Computer Applications
TKB 2123	Intro to Database Mgt (TKT 1273 or BIS 1012)
WFA 4123	Wildlife and Fisheries Biometrics (ST 3123, C or better in MA 1613)
WFA 4253	App of GIS in WF (SR)

Aquatics Electives

CVM 4134	Aquatic Animal Health (any microbiology, any physiology)
GG 3613	Water Resources (GG 1113)
GG 4523	Coastal Environments (GG 4523)
WFA 4133	Fisheries Science (ST 3123)
WFA 4173	Fish Physiology (BIO 1134, BIO 1144)
WFA 4183	Prin & Prac of Aquaculture (BIO 1134, BIO 1144)
WFA 4233	Limnology (WFA 3133)
WFA 4313	Fisheries Mgt (WFA 3133)
WFA 4383	Wetlands Ecology (JR)(WFA 3133)

CLE Electives (MSU Core)

ACC 2013	Prin of Financial Accounting
AN 3163	Maritime & Fishing Peoples
AS 2523	Military Leadership
BCH 2013	Intro to Forensic Science (BIO 1134, BIO 1144)
CO 3803	Prin of Public Relations
CRM 2003	Crime, Justice and Inequality (CRM 1003, SO 1003)
CRM/SO 3103	Contemp Issues CJ (CRM 1003, SO 1003)
CRM/SO 3113	Comm Crime Prev & Policy (CRM 1003, SO 1003)
CRM/SO 3123	Policing in Society (CRM 1003, SO 1003)
CRM/SO 3343	Gender, Crime and Justice (CRM 1003, SO 1003)
CRM/SO 3503	Violence in the U.S. (CRM 1003, SO 1003)
CRM/SO 3353	Race Crime and Justice (CRM 1003, SO 1003)
CRM/SO 3363	Globalization and Crime (CRM 1003, SO 1003)
CRM/SO 3603	Criminological Theory (CRM 1003, SO 1003)
CRM/SO 4233	Juvenile Delinquency (CRM 1003, SO 1003)
CRM/SO 4523	Law and Society (CRM 1003, SO 1003)
EPP 4313	Forensic Entomology
FL_ 1113-2143	Foreign Language I-IV
FO 4353	Natural Resources Law (JR)
GR 4203	Geography of N. America
GR 4263	Geography of the South
MS 2523	Military Leadership
PS 2703	Intro to Public Policy (PS 1113)
PS 4743	Environmental Policy (PS 1113, PS 2703)
PSY 3623	Social Psychology (PSY 1013)
PSY 4353	Psychology and the Law (JR)(PSY 1013)
PSY 4373	Forensic Psychology (JR)(PSY 1013)
SO 2203	Cultural and Racial Minorities (SO 1003)
SO 3003	Social Inequality (SO 1003)
SO 4173	Environment and Society (AN 1103 or SO 1003)

SECTION IV: DEPARTMENT OF WILDLIFE, FISHERIES AND AQUACULTURE

Approved Substitutions List for Wildlife, Fisheries, and Aquaculture Majors						
Course	Approved Substitution	Concentrations				
		CLE	HWI	WLAC	WLFS	WLVM
CO 1003 Public Speaking (preferred)	CO 1013 Intro to Communication CO 1403 Intro Mass Media	Yes	Yes	Yes	Yes	Yes
MA 1613 Calc. Bus/Life Science	MA 1713 Calculus I	Yes	Yes	Yes	Yes	Yes
PH 1113 General Physics I	PH 2213 Physics I					Yes
PH 1123 General Physics II	PH 2223 Physics II					Yes
WFA 4263 Wildlife Diseases	CVM 6134 Aquatic Animal Health Management				Yes	Yes
WFA 4253 Appl of Spatial Tech in WF.	FO 4472 & 4471 GIS Nat Res. Mgt. GR 4303 Principles of GIS GR 4313 Advanced GIS	Yes Yes Yes		Yes Yes Yes		
WFA 4512 Advanced Topics in Human-Wildlife Conflicts I			Yes			
WFA 4521 Advanced Topics in Human-Wildlife Conflicts II			Yes			