

College of Environment, Forestry and Natural Sciences Curriculum and Assessment Committee Agenda April 30, 2019

I. Minutes from previous meeting – [February 26, 2019 Minutes](#)

II. Action Items

These items represent new curriculum or substantial curriculum changes proposed for the Academic Catalog. Please review the Action Items using the review forms found here (<https://in.nau.edu/curriculum-and-assessment/processes-and-review-forms/>) prior to your college's committee meeting. Bring the forms or your notes to the meeting to discuss the proposals and vote on whether the college approves of the curriculum for inclusion in the Academic Catalog.

				<u>Effective Date</u>	<u>Summary of Changes</u>
SES					
ENV 115L, GLG 115L-Pending Liberal Studies approval					
1.	ENV 115L ENV	115L	1 CLIMATE CHANGE LAB	Fall 2020	Add LibStud, Cross-list, New Course
2.	GLG 115L GLG	115L	1 CLIMATE CHANGE LAB	Fall 2020	Add LibStud, Cross-list, New Course
3.	Earth Sciences and Environmental Sustainability; Ph.D. Earth Sciences and Environmental Sustainability; Ph.D. Earth Sciences and Environmental Sustainability; Ph.D. Curriculum Map			Fall 2020	Major Reqmts-Course(s) Added, Major Reqmts-Course(s) Deleted
<u>BIOLOGICAL SCIENCES</u>					
4.	BIO 450 BIO	450	3 BIOINFORMATICS	Fall 2020	Catalog Descr, Co-convene, Course Title
5.	BIO 590 BIO	590	3 FUNDATMENTALS OF BIOINFORMATICS	Fall 2020	Co-convene New Course
BIO 432-Pending Liberal Studies approval					
6.	BIO 432 BIO	432	3 EVOLUTIONARY MEDICINE	Fall 2020	Add LibStud, Number
7.	Biomedical Science; B.S. Biomedical Science; B.S. Biomedical Science; B.S. Curriculum Map			Fall 2020	Major Reqmts-Course(s) Added
<u>FORESTRY</u>					
8.	FOR 468 FOR	468	3 CONSERVATION GENETICS	Fall 2020	Co-convene, New Course

9.	FOR 568 FOR	568	3 CONSERVATION GENETICS	Fall 2020	Co-convene, New Course
10.	FOR 569 FOR	569	3 FOREST GENETICS	Fall 2020	New Course
11.	Forest Science; Ph.D. Forest Science; Ph.D. Ecology, Evolution and Conservation Biology Emphasis Forest Science; Ph.D. Curriculum Map - Attached			Fall 2020	Purpose and/or Outcome Change, Subplan Reqmts-Course(s) Added
12.	Forestry; M.F. Forestry; M.F. Ecology, Evolution and Conservation Biology Emphasis Forestry; M.F. Curriculum Map - Attached			Fall 2020	Purpose and/or Outcome Change, Subplan Reqmts-Course(s) Deleted
13.	Forestry; M.S.F. Forestry; M.S.F. Ecology, Evolution and Conservation Biology Emphasis Forestry; M.S.F. Curriculum Map - Attached			Fall 2020	Purpose and/or Outcome Change, Subplan Reqmts-Course(s) Added

CENTER FOR SCIENCE TEACHING & LEARNING

14.	Science Teaching; M.A. Science Teaching; M.A. Science Teaching; M.A. Curriculum Map			Fall 2020	Admission Requirements, Campus Change, Major Reqmts-Course(s) Added, Major Reqmts-Course(s) Deleted, Purpose and/or Outcome Change
15.	Teaching Science with Certification; M.A.T. Teaching Science with Certification; M.A.T. Teaching Science with Certification; M.A.T. Curriculum Map			Fall 2020	Admission Requirements, Campus Change, Major Reqmts-Course(s) Deleted, Major Reqmts-Unit Change

III. Consent Items

Please review these items to ensure you are in agreement with them. If you are NOT in agreement with an item(s), contact Nicole Morrow (Nicole.Morrow@nau.edu) by the end of this review period (3/29/2019) to have it moved to the Action agenda for discussion and she will request a representative to be present to discuss the item at the meeting. You do not need to complete review forms for items on this agenda.

	Effective Date	Summary of Changes
1. 2019 Test Score Changes	Fall 2019	Test Score Changes

IV. Fast Track Agenda

Please review these items to ensure you are in agreement with them. If you are NOT in agreement with an item(s), contact Nicole Morrow (Nicole.Morrow@nau.edu) by the end of this review period (3/29/2019) to have it moved to the Action agenda for discussion and she will request a representative to be present to discuss the item at the meeting. You do not need to complete review forms for items on this agenda.

	Effective Date	Summary of Changes
1. BIO 444C BIO	Fall 2019	Prereqs

2.	BIO 444CH BIO	444CH	3 HUMAN PHYSIOLOGY - HONORS	Fall 2019	Prereqs
3.	BIO 525 BIO	525	3 ICHTHYOLOGY	Fall 2019	Prereqs
4.	BIO 535 BIO	535	3 NEUROBIOLOGY AND BEHAVIOR	Fall 2019	Prereqs
5.	BIO 541 BIO	541	3 CARDIORESPIRATORY PHYSIOLOGY	Fall 2019	Prereqs
6.	BIO 545 BIO	545	3 ENDOCRINOLOGY	Fall 2019	Prereqs
7.	BIO 325 BIO	325	3 ANIMAL PHYSIOLOGY	Fall 2020	Catalog Descr, Course Title
8.	BIO 325H BIO	325H	3 ANIMAL PHYSIOLOGY – HONORS	Fall 2020	Catalog Descr, Course Title
9.	BIO 325L BIO	325L	1 ANIMAL PHYSIOLOGY LAB	Fall 2020	Catalog Descr, Course Title
10.	BIO 325LH BIO	325LH	1 ANIMAL PHYSIOLOGY LAB – HONORS	Fall 2020	Catalog Descr, Course Title
11.	BIO 424 BIO	424	4 COMPARATIVE VERTEBRATE ANATOMY	Fall 2020	Course Title
12.	BIO 488C BIO	488C	3 MEDICAL MICROBIOLOGY	Fall 2020	Catalog Descr, Prereqs
13.	BIO 488CH BIO	488CH	3 MEDICAL MICROBIOLOGY – HONORS	Fall 2020	Catalog Descr, Prereqs
14.	CHM 341 CHM	341	3 PHYSICAL CHEMISTRY I	Fall 2020	Coreqs, Prereqs
15.	CHM 341H CHM	341H	3 PHYSICAL CHEMISTRY I - HONORS	Fall 2020	Coreqs, Prereqs
16.	ENV 101 ENV	101	3 ENVIRONMENTAL CHALLENGES AND SOLUTIONS	Fall 2020	Other
17.	ENV 101L ENV	101L	1 ENVIRONMENTAL CHALLENGES AND SOLUTIONS LAB	Fall 2020	Other
18.	ENV 101H ENV	101H	3 ENVIRONMENTAL CHALLENGES AND SOLUTIONS – HONORS	Fall 2020	Other
19.	ENV 324 ENV	324	3 SUSTAINABLE ECOLOGY	Fall 2020	Catalog Descr, Prereqs
20.	ENV 326 ENV	326	3 ESSENTIAL ECOLOGY	Fall 2020	Catalog Descr, Prereqs
21.	GLG 440C GLG	440C	4 ADVANCED GEOLOGIC FIELD METHODS II	Fall 2020	Prereqs
22.	Environmental Sciences; B.S. Environmental Sciences; B.S. Chemistry Emphasis Environmental Sciences; B.S. Curriculum Map			Fall 2020	Subplan Reqmts-Course(s) Added, Subplan Reqmts-Course(s) Deleted, Subplan Reqmts-Unit Change
23.	Microbiology; B.S. Microbiology; B.S.			Fall 2020	Major Reqmts-Course(s) Added