

College of Environment, Forestry and Natural Sciences

Curriculum and Assessment Committee Agenda

December 4, 2018

I. Minutes from previous meeting – [May 1, 2018 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 (<http://nau.edu/Provost/Curriculum-and-Assessment/College-Curriculum-and-Assessment-Committees/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.

	Effective Date	Summary of Changes
<u>MATHEMATICS AND STATISTICS</u>		
1. MAT 216 MAT 216 1 INTRODUCTION TO MATRIX ALGEBRA	Fall 2019	Units
2. Data Science; B.S. Data Science; B.S. Data Science; B.S. Curriculum Map	Fall 2019	Major Reqmts-Course(s) Added, Major Reqmts-Course(s) Deleted, Major Reqmts-Unit Change
<u>BIOLOGICAL SCIENCES</u>		
3. BIO 458 BIO 458 4 SUCCESS IN RESEARCH PART I	Fall 2019	Co-convene, New Course
4. BIO 558 BIO 558 4 SUCCESS IN RESEARCH PART I	Fall 2019	Co-convene, New Course
5. BIO 434 BIO 434 3 HUMAN MICROBIOME ECOLOGY	Fall 2020	Co-convene, New Course
6. BIO 534 BIO 534 3 HUMAN MICROBIOME ECOLOGY	Fall 2020	Co-convene, New Course
7. BIO 537 BIO 537 2 GRANT WRITING Support: BE 537	Fall 2019	Cross-list, New Course
8. BIO 560 BIO 560 3 ECOTOXICOLOGY	Fall 2020	New Course
9. BIO 411 BIO 411 3 MYCOLOGY	Fall 2020	Catalog Descr, Co-convene, Prereqs
10. BIO 511 BIO 511 3 MYCOLOGY	Fall 2020	Catalog Descr, Co-convene, Prereqs, Reactivate Course
<u>SCHOOL OF EARTH AND SUSTAINABILITY</u>		
11. ENV 577 ENV 577 3 CONCEPTS IN ECOLOGY Support: FAST TRACK BIO 577	Fall 2020	Cross-list, New Course

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| 12. FOR 577
FOR 577 3 CONCEPTS IN ECOLOGY
Support: FAST TRACK BIO 577 | Fall 2020 | Cross-list, New Course |
| 13. Forest Science; Ph.D.
Forest Science; Ph.D.
Ecology, Evolution and Conservation Biology Emphasis
Forest Science; Ph.D. Curriculum Map - Attached | Fall 2020 | Subplan Reqmts-Course(s) Added |
| 14. Forestry; M.F.
Forestry; M.F.
Ecology, Evolution and Conservation Biology Emphasis
Forestry; M.F. Curriculum Map - Attached | Fall 2020 | Subplan Reqmts-Course(s) Deleted |
| 15. Forestry; M.S.F.
Forestry; M.S.F.
Ecology, Evolution and Conservation Biology Emphasis
Forestry; M.S.F. Curriculum Map - Attached | Fall 2020 | Subplan Reqmts-Course(s) Added |

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 (10/26/18) 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](#)

NONE

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 (10/26/18) 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](#)

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|---|-----------|---------|
| 1. CENS Prefix
CENS Prefix | Fall 2018 | Subject |
| 2. BIO 441
BIO 441 3 CONSERVATION BIOLOGY | Fall 2019 | Prereqs |
| 3. BIO 441H
BIO 441H 3 CONSERVATION BIOLOGY – HONORS | Fall 2019 | Prereqs |
| 4. BIO 577
BIO 577 3 CONCEPTS IN ECOLOGY | Fall 2019 | Prereqs |
| 5. ENV 440
ENV 440 3 CONSERVATION BIOLOGY | Fall 2019 | Prereqs |
| 6. ENV 440H
ENV 440H 3 CONSERVATION BIOLOGY - HONORS | Fall 2019 | Prereqs |
| 7. FOR 479
ENV 479 3 ECOSYSTEMS AND CLIMATE CHANGE | Fall 2019 | Prereqs |

8.	ENV 540 ENV 540	3	CONSERVATION BIOLOGY	Fall 2019	Prereqs
9.	FOR 544 ENV 544	3	LANDSCAPE ECOLOGY	Fall 2019	Prereqs
10.	ENV 544 ENV 544	3	LANDSCAPE ECOLOGY	Fall 2019	Prereqs
11.	BIO 424 BIO 424	4	COMPARATIVE VERTEBRATE ANATOMY	Fall 2020	Course Title
12.	BIO 484 BIO 484	4	HUMAN TISSUE BIOLOGY	Fall 2020	Prereqs
13.	BIO 577 BIO 577	3	CONCEPTS IN ECOLOGY	Fall 2020	Cross-list
14.	BIO 580 BIO 580	3	POPULATION AND QUANTITATIVE GENETICS	Fall 2020	Catalog Descr, Prereqs
15.	Chemistry Minor Chemistry Minor			Fall 2019	Text within Plan
16.	Biology; M.S. Biology; M.S. Ecology, Evolution and Conservation Biology Emphasis			Fall 2020	Subplan Reqmts-Course(s) Added
17.	Biology; Ph.D. Biology; Ph.D. Ecology, Evolution and Conservation Biology Emphasis			Fall 2020	Subplan Reqmts-Course(s) Added
18.	Climate Science and Solutions; M.S. Climate Science and Solutions; M.S.			Fall 2020	Text within Plan
19.	Earth Sciences and Environmental Sustainability; Ph.D. Earth Sciences and Environmental Sustainability; Ph.D.			Fall 2020	Text within Plan
20.	Environmental Sciences and Policy; Environmental Sciences and Policy; M.S.			Fall 2020	Text within Plan
21.	Geology; M.S. Geology; M.S.			Fall 2020	Text within Plan
22.	Teaching Science with Certification; M.A.T. Teaching Science with Certification; M.A.T.			Fall 2019	Admission Requirements
23.	Biology; B.S. Biology; B.S. Biology; B.S. Curriculum Map			Fall 2020	Major Reqmts-Course(s) Added