

Cover Sheet: Request 12600

CALS BS Agricultural Operations Management Semesters 6-8 Universal Tracking Plan

Info

Process	Major Curriculum Modify Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Wendell Porter waporter@ufl.edu
Created	4/25/2018 3:13:12 PM
Updated	9/24/2019 11:51:14 AM
Description of request	Universal tracking courses have been added to semesters 6-8.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CALS - Agricultural Operations Management 514907001	Wendell Porter		4/25/2018
No document changes					
College	Approved	CALS - College of Agricultural and Life Sciences	Joel H Brendemuhl	Approved by Joel H. Brendemuhl on behalf of the CALS Curriculum Committee.	4/27/2018
No document changes					
Associate Provost for Undergraduate Affairs	Recycled	PV - Associate Provost for Undergraduate Affairs	Casey Griffith	At Request of J. Brendemuhl	8/2/2019
No document changes					
College	Approved	CALS - College of Agricultural and Life Sciences	Joel H Brendemuhl	Edits requested of Dr. Lindner have been addressed.	8/11/2019
8 semester tracking Sp 2018 - AOM - JHB edits.docx					8/11/2019
Associate Provost for Undergraduate Affairs	Approved	PV - Associate Provost for Undergraduate Affairs	Casey Griffith		9/24/2019
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			9/24/2019
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					

Step	Status	Group	User	Comment	Updated
Academic Assessment Committee Notified					
No document changes					
College Notified					
No document changes					

Major|Modify_Curriculum for request 12600

Info

Request: CALS BS Agricultural Operations Management Semesters 6-8 Universal Tracking Plan

Description of request: Universal tracking courses have been added to semesters 6-8.

Submitter: Joel H Brendemuhl brendj@ufl.edu

Created: 8/11/2019 4:05:15 PM

Form version: 2

Responses

Major Name Agricultural Operations Management

Major Code AOM

Degree Program Name Agricultural Operations Management

Undergraduate Innovation Academy Program No

Effective Term Earliest Available

Effective Year Earliest Available

Current Curriculum for Major The current AOM major has tracking courses in the first five semesters.

Semester 1

Complete 2 of 8 critical-tracking courses, excluding labs, with a minimum grade of C: ACG 2021, BSC 2010/2010L, CHM 2045/2045L, ENC 2210, MAC 1147 or MAC 2233, PHY 2004 or PHY 2020, PSY 2012, and SPC 2608 or AEC 3030C.

2.0 GPA required for all critical-tracking coursework

2.0 UF GPA required

Semester 2

Complete 1 additional critical-tracking course, excluding labs, with a minimum grade of C.

2.0 GPA required for all critical-tracking courses

2.0 UF GPA required

Semester 3

Complete 2 additional critical-tracking course, excluding labs, with a minimum grade of C.

2.0 GPA required for all critical-tracking courses

2.0 UF GPA required

Semester 4

Complete 1 additional critical-tracking course, excluding labs, with a minimum grade of C.

2.0 GPA required for all critical-tracking courses

2.0 UF GPA required

Semester 5

Complete remaining critical-tracking courses, including labs, with a minimum grade of C.

2.0 Upper Division GPA required

2.0 UF GPA required

BSC 2010 Integrated Principles of Biology 1, 3 credits, and

BSC 2010L Integrated Principles of Biology 1 Laboratory, 1 credit

OR

BOT 2010C Introductory Botany, 3 credits

GE-B 3-4

IUF 1000 What is the Good Life
 GE-H 3
 MAC 1147 Precalculus: Algebra and Trigonometry, 4 credits, or
 MAC 2233 Survey of Calculus, 3 credits, (State Core GE-M) 3-4
 Composition
 State Core GE-C; WR; D or N 3
 Elective1
 Total 13-15
 Semester 2 Credits
 ACG 2021 Introduction to Financial Accounting or
 Advisor-approved alternative 4
 CHM 2045 General Chemistry 1, 3 credits, and
 CHM 2045L General Chemistry 1 Laboratory, 1 credit
 State Core GE-P 4
 STA 2023 Introduction to Statistics 1
 GE-M 3
 Humanities
 State Core GE-H; D or N 3
 Physical Science
 GE-P 3
 Total 17
 Semester 3 Credits
 AOM 2520 Global Sustainable Energy: Past, Present and Future 3
 AEB 2014 Economic Issues, Food and You, 3 credits, or
 ECO 2013 Principles of Macroeconomics, 4 credits, (GE-S) 3-4
 PHY 2004 Applied Physics 1, 3 credits, and
 PHY 2004L Laboratory for Applied Physics 1, 1 credit
 OR
 PHY 2020 Introduction to Principles of Physics, 3 credits, and
 PHY 2004L Laboratory for Applied Physics 1, 1 credit
 GE-P 4
 PSY 2012 General Psychology
 State Core GE-S 3
 Total 13-14
 Semester 4 Credits
 AEC 3030C Effective Oral Communication or
 SPC 2608 Introduction to Public Speaking 3
 ENC 2210 Technical Writing
 GE-C 3
 ECO 2023 Principles of Microeconomics (needed if ECO 2013 was taken) or
 Approved elective 4
 Approved elective 3
 Total 13
 Semester 5 Credits
 AEB 3300 Agricultural and Food Marketing, 3 credits, or
 MAR 3023 Principles of Marketing, 4 credits 3-4
 AEB 3133 Principles of Agribusiness Management, 3 credits, or
 MAN 3025 Principles of Management, 4 credits 3-4
 AOM 3220 Agricultural Construction and Maintenance 3
 AOM 3333 Pesticide Application Techniques 3
 Approved elective 3
 Total 15-17
 Summer Credits
 AOM 3734 Irrigation Principles and Practices in Florida 3
 Total 3
 Semester 6 Credits
 ALS 3133 Agricultural and Environmental Quality or
 AOM 4521 Introduction to Biofuels 3
 AOM 4314C Power and Machinery Management 3
 SWS 3022 Introduction to Soils in the Environment 3
 Approved electives 6
 Total 15

Semester 7 Credits

Business law, ethics, or human resources

AEB 4085 Agricultural Risk Management and the Law, 3 credits, or

AEB 4123 Agricultural and Natural Resource Law, 3 credits, or

AEB 4126 Agricultural and Natural Resource Ethics, 3 credits, or

BUL 4310 The Legal Environment of Business, 4 credits 3-4

AOM 4642 Environmental Systems for Agricultural Structures 3

AOM 4643 Environmental Hydrology: Principles and Issues 3

AOM 4933 Professional Practices in Agricultural Operations Management 1

Approved electives 6

Total 16-17

Semester 8 Credits

AOM 4434 Precision Agriculture 3

AOM 4444C Electrical Power and Instrumentation for Agricultural Operations Management

3

AOM 4455 Agricultural Operations and Systems 3

AOM 4461 Sustainable Agricultural Systems 3

Approved elective 3

Total 15

Proposed Curriculum Changes 1. At least one additional AOM core course added as universal tracking in semester 6

2. At least one additional AOM core course added as universal tracking in semester 7

3. Remaining AOM core courses added as universal tracking in semester 8

Pedagogical Rationale/Justification These additional tracking courses will help us ensure student's timely progress through their degree program.

Impact on Enrollment, Retention, Graduation Addition of these tracking courses will provide another retention tool to assist in evaluating student progress.

Assessment Data Review Adding universal tracking courses is just one of several changes the AOM program has introduced for student tracking purposes. We have also instituted a degree planning guide that student's must update to be able to register each semester. Both of these changes together should work to better retain students and ensure timely progress.

Academic Learning Compact and Academic Assessment Plan We anticipate no changes to the ALC or AAP.

CALS – BS – Agricultural Operations Management

Semester 1

- Complete 2 of 8 critical-tracking courses, excluding labs, with a minimum grade of C: ACG 2021, BSC 2010/2010L, CHM 2045/2045L, ENC 2210, MAC 1147 or MAC 2233, PHY 2004 or PHY 2020, PSY 2012, and SPC 2608 or AEC 3030C.
- 2.0 GPA required for all critical-tracking coursework
- 2.0 UF GPA required

Semester 2

- Complete 1 additional critical-tracking course, excluding labs, with a minimum grade of C.
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 3

- Complete 2 additional critical-tracking course, excluding labs, with a minimum grade of C.
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 4

- Complete 1 additional critical-tracking course, excluding labs, with a minimum grade of C.
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 5

- Complete 1 additional ~~remaining~~ critical-tracking course, including labs, with a minimum grade of C.
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required
- 2.0 Upper Division GPA required

Semester 6

- Complete remaining critical-tracking course
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required
- 2.0 Upper Division GPA required

Semester 7

- Complete at least one remaining AOM required course
- 2.0 Upper Division GPA required
- 2.0 UF GPA required

Semester 8

- Complete all remaining AOM required courses
- 2.0 Upper Division GPA required
- 2.0 UF GPA required

Semester 1
BSC 2010 Integrated Principles of Biology 1, 3 credits,
and

Credits

†**BSC 2010L Integrated Principles of Biology 1**
Laboratory, 1 credit

↑OR		
↑ BOT 2010C Introductory Botany , 3 credits		
↑GE-B IUF 1000 What is the Good Life		3
↑GE-H MAC 1147 Precalculus: Algebra and Trigonometry , 4 credits, or		3-4
↑ MAC 2233 Survey of Calculus , 3 credits, (State Core GE-M) Composition		3
↑ State Core GE-C ; WR; D or N Elective		1
	Total	13-15 Credits
Semester 2		
↑ ACG 2021 Introduction to Financial Accounting or		4
↑ Advisor-approved alternative CHM 2045 General Chemistry 1 , 3 credits, and		
↑ CHM 2045L General Chemistry 1 Laboratory , 1 credit		4
↑ State Core GE-P STA 2023 Introduction to Statistics 1		3
↑GE-M Humanities		3
↑ State Core GE-H ; D or N Physical Science		3
↑GE-P	Total	17 Credits
Semester 3		
AOM 2520 Global Sustainable Energy: Past, Present and Future		3
AEB 2014 Economic Issues, Food and You , 3 credits, or		
↑ECO 2013 Principles of Macroeconomics , 4 credits, (GE-S)		3-4
↑ PHY 2004 Applied Physics 1 , 3 credits, and		
↑ PHY 2004L Laboratory for Applied Physics 1 , 1 credit		
↑OR		
↑ PHY 2020 Introduction to Principles of Physics , 3 credits, and		4
↑ PHY 2004L Laboratory for Applied Physics 1 , 1 credit		
↑GE-P PSY 2012 General Psychology		3
↑ State Core GE-S	Total	13-14 Credits
Semester 4		
↑ AEC 3030C Effective Oral Communication or		3
↑ SPC 2608 Introduction to Public Speaking ENC 2210 Technical Writing		3
↑GE-C ECO 2023 Principles of Microeconomics (needed if ECO 2013 was taken) or		4

† Approved elective		3
Approved elective		3
	Total	13
Semester 5		
AEB 3300 Agricultural and Food Marketing , 3 credits, <i>or</i>		3-4
†MAR 3023 Principles of Marketing , 4 credits AEB 3133 Principles of Agribusiness Management , 3 credits, <i>or</i>		3-4
†MAN 3025 Principles of Management , 4 credits AOM 3220 Agricultural Construction and Maintenance AOM 3333 Pesticide Application Techniques Approved elective		3 3 3
	Total	15-17
Summer		
AOM 3734 Irrigation Principles and Practices in Florida		3
	Total	3
Semester 6		
ALS 3133 Agricultural and Environmental Quality <i>or</i> <hr/>		3
†AOM 4521 Introduction to Biofuels AOM 4314C Power and Machinery Management, and/or ALS 3133 Agricultural and Environmental Quality <i>or</i>		3
†AOM 4521 Introduction to Biofuels SWS 3022 Introduction to Soils in the Environment Approved electives		3 6
	Total	15