

Cover Sheet: Request 10993

ANS3006L Introduction to Animal Science Laboratory

Info

Process	Course New Ugrad/Pro
Status	Pending
Submitter	Imler, Amie M amie.taylor@ufl.edu
Created	5/5/2016 3:58:32 PM
Updated	9/26/2016 7:18:51 AM
Description of request	Course Description Laboratory experiences designed to accompany ANS 3006. Students should register for ANS 3006 concurrently or have already completed the lecture course.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CALS - Animal Sciences 514909000	Tenbroeck, Sandra Hodge		5/5/2016
Added ANS 3006L.docx					5/5/2016
Added ANS3006 Program Change Request.docx					5/5/2016
College	Approved	CALS - College of Agricultural and Life Sciences	Brendemuhl, Joel H	Approved at the 5/13/16 CALS CC meeting.	9/26/2016
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			9/26/2016
No document changes					
Statewide Course Numbering System					
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

Course|New for request 10993

Info

Request: ANS3006L Introduction to Animal Science Laboratory

Description of request: Course Description

Laboratory experiences designed to accompany ANS 3006. Students should register for ANS 3006 concurrently or have already completed the lecture course.

Submitter: Imler, Amie M amie.taylor@ufl.edu

Created: 5/5/2016 3:58:32 PM

Form version: 1

Responses

Recommended PrefixANS

Course Level 3

Number 006

Lab Code L

Course TitleIntroduction to Animal Science Laboratory

Transcript TitleIntro to An Sci Lab

Effective Term Spring

Effective Year2017

Rotating Topic?No

Amount of Credit1

Repeatable Credit?No

S/U Only?No

Contact Type Regularly Scheduled

Degree TypeBaccalaureate

Weekly Contact Hours 2

Category of Instruction Intermediate

Delivery Method(s)On-Campus

Course Description Laboratory experiences designed to accompany ANS 3006. Students should register for ANS 3006 concurrently or have already completed the lecture course.

Prerequisites none

Co-requisites ANS3006 for AL majors only

Rationale and Placement in Curriculum The Department is uncoupling the lecture and lab portions of ANS3006C to facilitate an online offering of the lecture for off-campus students. The lab is intended to be taken concurrently with ANS3006 for on-campus AL students.

Course Objectives

1. To help students understand the broad scope of disciplines and opportunities existing in the livestock industry and their contribution to humans.
2. To help students comprehend the basic principles of Animal Sciences.
3. To help students understand the purpose, proper usage, and impact of management techniques used in the various livestock industries.
4. To help students develop an insight into the problems and status of livestock production.
5. To help students realize the affiliation that exists between livestock production and other agricultural enterprises.
6. To develop an appreciation of the various livestock industries.

Course Textbook(s) and/or Other Assigned ReadingReference Text (Not Required)

Weekly Schedule of Topics Jan. 10, 11 Speaking Livestock

Jan 17, 18 Nutrition
Jan 24, 25 Reproduction
Jan. 31, Feb. 1 Dairy Products
Feb. 7, 8

Equine Lab

Feb. 14, 15 Swine Lab
Feb. 21, 22 Dairy Lab
Feb. 28, Mar. 1 Dairy Lab
Mar. 14, 15 Beef Lab
Mar. 21, 22 Meats-Assigning Value
Mar. 28, 29 Meats-Products
April 4, 5

Poultry 1

April 11, 12 Poultry 2
April 18, 19 Animal Agriculture Issues

Grading Scheme Each laboratory will have a worksheet given out at the beginning of class. At some point during the lab, a sign-in sheet will be passed around for 10 attendance points. Each week, a quiz covering the week's material will open on canvas Thursday morning at 7am and close Friday at 11:59pm. The quiz will be worth 10 points. At the end of the semester, the lowest two quizzes and/or lab attendance will be dropped (14 labs with 10 attendance and 10 quiz points each, 2 drops = 260 points).

*NOTE: THERE ARE NO MAKE-UPS ALLOWED FOR LABORATORIES. Requirements for class attendance and assignments are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Final Grades

Final grades will be determined by calculating the percentage of points earned out of total points available. That percentage will correspond to a letter grade. No component will be given extra weight so you should be able to easily calculate your current grade and the number of points you need to get the final grade you desire. Laboratory grades will be assigned as follows:

>93% A
>90% - <93% A-
>87% - <90% B+
>83% - <87% B
>80% - <83% B-
>77% - <80% C+
>73% - <77% C
>70% - <73% C-
>67% - <70% D+
>63% - <67% D
>60% - <63% D-
<60% E

Additional Links and PoliciesLaboratory attendance:

Regular attendance is crucial to success in this lab course. It is the student's responsibility to arrive at the correct location for laboratories and to be on time. As a courtesy, transportation will be provided for some laboratories. Transportation will leave promptly at the start of the laboratory from the Animal Sciences Building (next to room 156).

Dress Code

Visiting farms requires appropriate clothing as a protective measure from a number of

environmental hazards. These may include, but are not limited to, slobber, urine and various body fluids, manure, stinging insects, biting flies, hazardous plants, ropes and equipment, sun and heat exposure and of course, a generous amount of dirt and grime. For your own protection you are required to wear sturdy closed-toe shoes, long pants and a sleeved (short or long) shirt for laboratory sessions. Flip-flops, sandals, bare midriffs, spaghetti-strap tops, shorts, short skirts and clothing that insufficiently covers your undergarments are specifically prohibited. Furthermore, as representatives of this class, our department and our university you are expected to dress, and to act, in a professional manner at all times.

Grades and Grade Points

For information on current UF policies for assigning grade points, see

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Academic Honesty

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity." You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php>.

Software Use

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

Campus Helping Resources

Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

- University Counseling & Wellness Center, 3190 Radio Road, 352-392-1575

www.counseling.ufl.edu/cwc/

- o Counseling Services
- o Groups and Workshops
- o Outreach and Consultation
- o Self-Help Library Training Programs
- o Community Provider Database
- U Matter We Care, www.umatter.ufl.edu/
- Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/

Services for Students with Disabilities

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment,

providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation. 0001 Reid Hall, 352-392-8565, www.dso.ufl.edu/drc/

Online Course Evaluation Process

Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

University of Florida Complaints Policy

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Instructor(s) Ethan Propps

ANS 3006L

Introduction to Animal Science Laboratory

Spring 2017

Instructor

Amie Imler

Email: amie.taylor@ufl.edu

Office Phone: 352-392-9739

Office: Bldg. 459-Room 100

Office Hours: Please e-mail for an appointment

Schedule

Laboratory 1: Section 2362: Tuesday, Period 6-7 (12:50-2:45 pm)

Laboratory 2: Section 2382: Tuesday, Period 8-9 (3:00-4:55 pm)

Laboratory 3: Section 2403: Wednesday, Period 6-7 (12:50-2:45 pm)

Laboratory 4: Section 8754: Wednesday, Period 8-9 (3:00-4:55 pm)

*Note: Laboratories will meet at various locations throughout the semester and those locations will be announced in lab and posted on canvas (also refer to the laboratory schedule).

Reference Text (Not Required)

Introduction to Animal Science W. Stephen Damron ISBN-10: 0-13-513486-2

Course Description

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Course Objectives

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≥93% A	≥80% - <83% B-	≥67% - <70% D+
≥90% - <93% A-	≥77% - <80% C+	≥63% - <67% D
≥87% - <90% B+	≥73% - <77% C	≥60% - <63% D-
≥83% - <87% B	≥70% - <73% C-	<60% E

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Tentative Spring 2017 Lab Schedule

Date	Topic	Location
Jan. 10, 11	Speaking Livestock	RM. 102
17, 18	Nutrition	RM. 102
24, 25	Reproduction	RM. 102
Jan. 31, Feb. 1	Dairy Products	RM. 102
7, 8	Equine Lab	Horse Unit*
14, 15	Swine Lab	Swine Unit*
21, 22	Dairy Lab	Dairy Research Unit*
Feb. 28, Mar. 1	Dairy Lab	Dairy Research Unit*
14, 15	Beef Lab	Beef Teaching Unit*
21, 22	Meats-Assigning Value	RM. 156
Mar. 28, 29	Meats-Products	RM. 102
Apr. 4, 5	Poultry 1	RM. 102
11, 12	Poultry 2	RM. 102
18, 19	Animal Agriculture Issues	RM. 102

Animal Biology

This specialization is for students who wish to pursue professional or graduate programs. Students who plan to apply to the UF College of Veterinary Medicine in the equine, food animal or mixed-practice tracks are encouraged to select electives from the animal sciences programs.

Critical Tracking

Critical Tracking records each student's progress in courses that are required for entry to each major. Please note the critical-tracking requirements below on a per-semester basis.

Equivalent critical-tracking courses as determined by the State of Florida [Common Course Prerequisites](#) may be used for transfer students.

Semester 1

- Complete 1 of 5 critical-tracking courses, excluding labs: BSC 2010/2010L, BSC 2011/2011L, CHM 2045/2045L, CHM 2046/2046L, MAC 2311
- 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 2

- Complete 1 additional critical-tracking course, excluding labs
- 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 3

- Complete 1 additional critical-tracking course, excluding labs
- 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 4

- Complete 2 additional critical-tracking course, excluding labs
- 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 5

- Complete all critical-tracking courses, including labs

[Back to Top](#)

Model Semester Plan

To remain on track, students must complete the appropriate critical-tracking courses, which appear in bold.

This semester plan represents an example progression through the major. Actual courses and course order may be different depending on the student's academic record and scheduling availability of courses. Prerequisites still apply.

Semester 1		Credits
CHM 2045 General Chemistry 1, 3 credits, and CHM 2045L General Chemistry 1 Laboratory, 1 credit State Core GE-B/P		4
ENC 1101 Expository and Argumentative Writing State Core GE-C ; WR		3
Elective		3
Humanities State Core GE-H		3
	Total	13
Semester 2		Credits
AEC 3030C Effective Oral Communication or SPC 2608 Introduction to Public Speaking		3
CHM 2046 General Chemistry 2, 3 credits, and CHM 2046L General Chemistry 2 Laboratory, 1 credit GE-P		4
ENC 1102 Argument and Persuasion GE-C		3
IUF 1000 What is the Good Life GE-H		3
ECO 2013 Principles of Macroeconomics State Core GE-S		4
	Total	17
Semester 3		Credits
AEC 3033C Research and Business Writing in Agricultural and Life Sciences (WR) or ENC 2210 Technical Writing		3
BSC 2010 Integrated Principles of Biology 1, 3 credits, and BSC 2010L Integrated Principles of Biology Laboratory 1, 1 credit GE-B		4
Electives		9

Total	16
Semester 4	
BSC 2011 Integrated Principles of Biology 2, 3 credits, and BSC 2011L Integrated Principles of Biology Laboratory 2, 1 credit GE-B	4
MAC 2311 Calculus 1 State Core GE-M	4
Social and Behavioral Sciences GE-S; N	3
Electives	4
Total	15
Semester 5	
ANS 3006C Introduction to Animal Science	4
ANS 3440 Principles of Animal Nutrition	4
CHM 2210 Organic Chemistry 1	3
Elective	3
Total	14
Semester 6	
ANS 3319C Reproductive Physiology and Endocrinology of Domestic Animals	4
CHM 2211 Organic Chemistry 2, 3 credits, and CHM 2211L Organic Chemistry Laboratory, 2 credits	5
Approved elective	3
Elective	3
Total	15
Semester 7	
ANS 3043 Growth and Development of Farm Animals	3
BCH 3025 Fundamentals of Biochemistry <i>or</i> BCH 4024 Introduction to Biochemistry and Molecular Biology	4
STA 2023 Introduction to Statistics 1	3

Commented [TM1]: ANS 3006 Introduction to Animal Science 3 credits
ANS 3006L Introduction to Animal Science Lab 1 credit

<i>GE-M</i>	
Approved elective	3
Elective	3
	Total 16
Semester 8	
MCB 3020 Basic Biology of Microorganisms, 3 credits, and MCB 3020L Laboratory for Basic Biology of Microorganisms, 1 credit	4
Approved elective	2
Electives	8
	Total 14

[Back to Top](#)

Approved Electives

Students must take a minimum of 8 credits of ANS courses in addition to the ANS courses identified above; 4 credits each of lecture and laboratory courses from the lists below:

- **Lecture** (4 credits minimum): ANS 2002, ANS 3251, ANS 3384, ANS 3404C, ANS 3405, ANS 3934, ANS 4615
- **Laboratory** (4 credits minimum): ANS 3206, ANS 3217C, ANS 3239L, ANS 3250L, ANS 3613L, ANS 3634C, ANS 4231, ANS 4604C, ANS 4635C

Free Electives

Consider these pre-vet requirements

Courses	Credits
AGR 3303 Genetics (3) <i>or</i> ANS 3384 Genetic Improvement of Farm Animals (3) <i>or</i> PCB 3063 Genetics (4) (<i>GE-B</i>)	3-4
PHY 2053 and 2053L Physics 1 (4) and Physics 1 Laboratory (1) (<i>GE-P</i>)	5
PHY 2054 and 2054L Physics 2 (4) and Physics 2 Laboratory (1) (<i>GE-P</i>)	5

[Back to Top](#)

Equine

Career preparation can be strengthened through electives.

Critical Tracking

Critical Tracking records each student's progress in courses that are required for entry to each major. Please note the critical-tracking requirements below on a per-semester basis.

Equivalent critical-tracking courses as determined by the State of Florida [Common Course Prerequisites](#) may be used for transfer students.

Semester 1

- Complete 2 of 6 critical-tracking courses, excluding labs: BSC 2010/2010L, BSC 2011/2011L, CHM 2045/2045L, MAC 1147, STA 2023, and AEB 2014 or ECO 2013 or ECO 2023
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 2

- Complete 1 additional critical-tracking course, excluding labs
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 3

- Complete 2 additional critical-tracking courses, excluding labs
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 4

- Complete 1 additional critical-tracking course, excluding labs
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 5

- Complete all critical-tracking course, including labs

[Back to Top](#)

Model Semester Plan

To remain on track, students must complete the appropriate critical-tracking courses, which appear in bold.

This semester plan represents an example progression through the major. Actual courses and course order may be different depending on the student's academic record and scheduling availability of courses. Prerequisites still apply.

Semester 1	Credits
BSC 2010 Integrated Principles of Biology 1 , 3 credits, and BSC 2010L Integrated Principles of Biology Laboratory 1 , 1 credit <i>State Core GE-B/P</i>	4

MAC 1147 Precalculus: Algebra and Trigonometry <i>State Core GE-M</i>	4
ENC 1101 Expository and Argumentative Writing <i>State Core GE-C; WR</i>	3
Humanities <i>State Core GE-H; D</i>	3
Total	14
Semester 2 Credits	
AEC 3030C Effective Oral Communication or SPC 2608 Introduction to Public Speaking	3
BSC 2011 Integrated Principles of Biology 2, 3 credits, and BSC 2011L Integrated Principles of Biology Laboratory 2, 1 credit <i>GE-B</i>	4
ECO 2013 Principles of Macroeconomics <i>State Core GE-S</i>	4
ENC 1102 Argument and Persuasion <i>GE-C</i>	3
IUF 1000 What is the Good Life <i>GE-H</i>	3
Total	17
Semester 3 Credits	
AEC 3033C Research and Business Writing in Agricultural and Life Sciences (<i>WR</i>) or ENC 2210 Technical Writing	3
CHM 2045 General Chemistry 1, 3 credits, and CHM 2045L General Chemistry 1 Laboratory, 1 credit <i>GE-B/P</i>	4
Electives	8
Total	15
Semester 4 Credits	
MCB 2000 Microbiology, 3 credits, and MCB 2000L Microbiology Laboratory, 1 credit <i>GE-B</i>	4

STA 2023 Introduction to Statistics <i>GE-M</i>	3
Electives	5
Social and Behavioral Sciences <i>GE-S</i>	3
Total	15
Semester 5 Credits	
AEB 3133 Principles of Agribusiness Management	3
ANS 3006C Introduction to Animal Science	4
ANS 3217C Equine Health Management	2
ANS 3440 Principles of Animal Nutrition	4
ANS 3934 Careers in the Livestock Industry	2
Total	15
Semester 6 Credits	
AGR 4231C Forage Science and Range Management	4
ANS 3319C Reproductive Physiology and Endocrinology in Domestic Animals	4
ANS 3384 Genetic Improvement of Farm Animals	3
Approved food and resource economics course	3
Total	14
Summer Credits	
ANS 4941 Full-Time Practical Work Experience in Animal Science	3-8
Total	3-8
Semester 7 Credits	
ANS 3043 Growth and Development of Farm Animals	3
ANS 3405 Equine Nutrition and Feeding Management	2
Approved equine practicum elective	2
Approved food and resource economics course	3

Commented [TM2]: ANS 3006 Introduction to Animal Science 3 credits
ANS 3006L Introduction to Animal Science Lab 1 credit

Electives	4
Total	14
Semester 8	
Credits	
ANS 3079L Relationship of Form to Function in Horses	2
ANS 4234 Horse Enterprise Management	2
ANS 4931 Senior Seminar	1
Approved equine practicum elective	1
Electives	7
Total	13

[Back to Top](#)

Approved Equine Practicum Electives

Choose a minimum of two courses totaling at least three credits: ANS 3239L, ANS 4212L, ANS 4218L, ANS 4231, ANS 4241L, ANS 4605

Approved Food and Resource Economics Courses

Choose two: AEB 3122, AEB 3300, AEB 3341, AEB 3450, AEB 4085, AEB 4123, AEB 4124, AEB 4126, AEB 4136, AEB 4138, AEB 4242, AEB 4274, AEB 4342, AEB 4343, AEB 4424.

[Back to Top](#)

Food Animal

Through proper selection of electives, students may emphasize beef, dairy or meat science. Career preparation can be strengthened through electives.

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[Back to Top](#)

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IUF 1000 What is the Good Life <i>GE-H</i>	3
Total	17
Semester 3	
Credits	
AEC 3033C Research and Business Writing in Agricultural and Life Sciences (<i>WR</i>) or ENC 2210 Technical Writing	3
CHM 2045 General Chemistry 1, 3 credits, and CHM 2045L General Chemistry 1 Laboratory, 1 credit <i>GE-P</i>	4
Electives	8
Total	15
Semester 4	
Credits	
MCB 2000 Microbiology, 3 credits, and MCB 2000L Microbiology Laboratory, 1 credit <i>GE-B</i>	4
STA 2023 Introduction to Statistics 1 <i>GE-M</i>	3
Electives	3
Social and Behavioral Sciences <i>GE-S</i>	3
Total	13
Semester 5	
Credits	
AEB 3133 Principles of Agribusiness Management	3

ANS 3006C Introduction to Animal Science	4
ANS 3440 Principles of Animal Nutrition	4
ANS 3634C Meats	3
ANS 3934 Careers in the Livestock Industry	2
Total	16
Semester 6	
Credits	
AGR 4231C Forage Science and Range Management	4
ANS 3319C Reproductive Physiology and Endocrinology in Domestic Animals	4
ANS 3383L Application of Genetic Evaluation to the Livestock Industry	1
ANS 3384 Genetic Improvement of Farm Animals	3
ANS 3404C Food Animal Nutrition and Feeding	3
ANS 3613L Livestock and Meat Evaluation	2
Total	17
Summer	
Credits	
ANS 4941 Full-Time Practical Work Experience in Animal Science	3-8
Total	3-8
Semester 7	
Credits	
ANS 3043 Growth and Development of Farm Animals	3
Approved electives	6
Approved food and resource economics course	3
Total	12
Semester 8	
Credits	
ANS 4931 Senior Seminar	1
Approved electives	6
Approved food and resource economics course	3
Elective	3

Commented [TM3]: ANS 3006 Introduction to Animal Science 3 credits
ANS 3006L Introduction to Animal Science Lab 1 credit

Total

13

[Back to Top](#)

Approved Electives

Choose 12 credits: ANS 3246L, ANS 3250L, ANS 3251, ANS 4243C, ANS 4245C, ANS 4604C, ANS 4605, ANS 4615, ANS 4635C, ANS 4905, ANS 5312C, FOS 4204, FOS 4222, FOS 4222L, FOS 4722C

Approved Food and Resource Economics Courses

Choose two: AEB 3122, AEB 3300, AEB 3315, AEB 3341, AEB 3450, AEB 4085, AEB 4123, AEB 4124, AEB 4126, AEB 4136, AEB 4138, AEB 4242, AEB 4274, AEB 4309, AEB 4342, AEB 4343, AEB 4424