

## Synopsis of Animal and Veterinary Sciences Teaching Strategy

1. No growth in total number of undergraduate course offerings\*
  - Decrease in course offerings between 2013 and 2018
  - \*See next page for course titles
2. Shift from adjuncts to regular faculty
  - AVS 150, 151, 152, 153, 243, 253, 333 are no longer offered
3. Increased emphasis on harder science to meet work-force needs
  - AVS 446, 477, and microbiome class (AVS 3XX)
4. Maintenance of experiential learning in dairy, equine, sheep
  - AVS 347, 303, and addition of AVS 231 (sheep class)
5. Accommodate increasing enrollment (currently 178 advisees in major)
  - Need AVS 145/146 taught Fall and Spring with lab sections

### Updates to proposed classes taught

#### AVS Lecturer

NFA 117	Issues and Opportunities	1 cr
AVS 145	Intro Animal Science Fall	3 cr
AVS 146	Intro Animal Science lab (4 sections)	4 cr
AVS 145	Intro Animal Science Spring	3 cr
AVS 146	Intro Animal Science (2 sections)	2 cr
AVS 4XX	New class **	3 cr
AVS 396	Field Experience (Fall, Spring)	<u>2 cr</u>
		18 cr

\*\* Based on qualifications, workforce needs, and exit survey

#### AVS Microbiome Assistant Professor

AVS 3XX	Animal Microbiome	3 cr
AVS 401	Senior paper in AVS I	2 cr
AVS 402	Senior paper in AVS II	2 cr
AVS 5XX	(Graduate class)	<u>2 cr</u>
		9 cr

#### Increased course load for Jim Weber

AVS 203	Equine Management	3 cr
AVS 231	Sheep Management Cooperative***	2 cr
AVS 437	Animal Diseases	3 cr
AVS 480	Physiology of Reproduction	<u>3 cr</u>
		11 cr

\*\*\*New class

**AVS 2013-2014 Catalog**

145 Animal Science	145
150 History of the Human-Animal Relationsl	150
151 History of Veterinary Medicine	151
152 History of Infectious Disease and Public	152
153 Animals and the Law	153
196 Introduction to Equine Cooperative	196
200 Topics in Animal and Veterinary Science	200
203 Equine Management	203
243 Centered Riding Principles of Equitation	243
249 Laboratory and Companion Animal Scie	249
253 Principles of Western Riding	253
303 Equine Management Cooperative	303
333 Introduction to Natural Horse Training	333
346 Dairy Cattle Technology	346
347 Dairy Cattle Technology Laboratory	347
349 Livestock Management	349
351 Animal Science Techniques	351
353 Equine Reproduction and Breeding Man	353
368 Independent Study in the Animal Scienc	368
371 University Dairy Cooperative	371
393 Training the Standardbred Horse	393
396 Field Experience in Animal and Veterina	396
397 Equine Internship	397
401 Senior Paper in Animal Science I	401
402 Senior Paper in Animal Science II	402
405 Livestock and Companion Animal Behav	405
420 Fish Aquaculture I	420
433 Equine Exercise Physiology	433
437 Animal Diseases	437
443 Advanced Centered Riding	443
455 Animal Nutrition	455
461 Animal Breeding	461
466 Feeding Dairy Cattle	466
480 Physiology of Reproduction	480

**AVS 2018-2019 Catalog**

145 Introduction to Animal Science	145
146 Introduction to Animal Science Lab	146
152 History of Infectious Disease and Public	152
196 Introduction to Equine Cooperative	196
200 Topics in Animal and Veterinary Science	200
203 Equine Management	203
211 Introduction to Aquaculture	211
249 Laboratory and Companion Animal Scier	249
253 Principles of Western Riding	253
303 Equine Management Cooperative	303
346 Dairy Cattle Technology	346
347 Dairy Cattle Technology Laboratory	347
349 Livestock Management	349
353 Equine Reproduction and Breeding Man	353
368 Independent Study in the Animal Scienc	368
371 University Dairy Cooperative	371
393 Training the Standardbred Horse	393
396 Field Experience in Animal and Veterina	396
397 Equine Internship	397
401 Senior Paper in Animal Science I	401
402 Senior Paper in Animal Science II	402
405 Livestock and Companion Animal Behavi	405
433 Equine Exercise Physiology	433
437 Animal Diseases	437
446 Forage Science and Range Managemen	446
455 Animal Nutrition	455
466 Livestock Feeds and Feeding	466
477 Zoonoses and Animal Health	477
480 Physiology of Reproduction	480

**AVS Proposed**

145 Introduction to Animal Science	145
146 Introduction to Animal Science Lab	146
196 Introduction to Equine Cooperative	196
203 Equine Management	203
211 Introduction to Aquaculture	211
231 Sheep Management	231
249 Laboratory and Companion Animal Scier	249
303 Equine Management Cooperative	303
3XX Animal Microbiome	3XX
346 Dairy Cattle Technology	346
347 Dairy Cattle Technology Laboratory	347
353 Equine Reproduction and Breeding Man	353
368 Independent Study in the Animal Scienc	368
371 University Dairy Cooperative	371
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433 Equine Exercise Physiology	433
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466 Livestock Feeds and Feeding	466
477 Zoonoses and Animal Health	477
480 Physiology of Reproduction	480
4XX <i>New class</i>	4XX

**Additional duties, currently performed by Associate Director of the School of Food and Agriculture, to be re-assigned to faculty in Animal and Veterinary Sciences:**

**Animal and Veterinary Sciences Undergraduate Program Coordinator Tasks  
(January 2017)**

- Study away forms
- Sign degree exception forms (should be generated by advisors first)
- Passing on messages from the associate dean's office to program faculty
- Serve as program contact person on the appropriate websites and for Associate Dean Criner's office
- Meet with, or correspond with, internal and external transfer students, evaluate transcripts, get their schedules sorted out, keep as advisees for 1-2 semesters
- Assign advisors for incoming students and communicate these assignments to academic staff
- Meet with prospective students and families
- Attend summer new student orientation, meet with students and parents
- Lead program faculty discussions of potential revisions to courses or program requirements
- Certify graduation\*
- Attend graduation
- Attend Open Houses and Accepted Student Days and/or arrange for other program faculty and students to do so
- Attend Associate Dean's program coordinators meetings and School academic affairs meetings
- Update content of program posters, brochures, curriculum check sheets (as needed)
- Work with faculty to document assessment of learning outcomes and program outcomes
- Assure program accreditation or approval requirements are being met, as necessary
- Manage wait lists for program classes, as necessary
- Generally be available during the week to meet with students and faculty as needed