Class of 2023
Welcome to the
Department of Animal Science!

HOME TO:
Agricultural and Environmental Education
Animal Science
Animal Science and Management
In Fall You Will Be Part Of The Aggie Family

• **Success** – hard work, dedication, & willingness to sacrifice

• **Remember** – It is GPA, GPA, GPA … That Matters
  • Experience is great. But experience rarely makes up for poor academic performance especially for veterinary school and even graduate school.

• **Your goal is B or Better!**

• **Fall 2019 – Everyone is taking ANS 1**
Fall Quarter 2019

• Start Slowly – Take 12 to 14 units & Do Well
• 10 Week Quarter – FAST
• Everyone is going to take what class?
Advising Resources

• 1202 Meyer Hall, Academic Advising
• Best in the college and maybe on campus
Who’s Who in the Advising Center

- **Peer Advisors:**
  - General advising, class scheduling, resources
  - Kiara Cuevas, Joshua Liu, Jamie Pedroza, Kelsee Tran
  - Alumni Peers: Mirella Lopez, Isabelle McDonald-Gilmartin

- **Administrative Assistant:**
  - Grace Dell’Olio

- **Staff Advisors:**
  - Scheduling, major requirements, degree certification, CRNs, internships, academic difficulty, petitions, grades, transfer credit, and more.
  - Katherine Livingston, Emma Martinez, Caitlin Wehrley

- **Faculty Advisors**
  - Specializations, careers, research, internships,

- **Master Advisors:**
  - Course Substitutions and waivers
  - Dr. Deanne Meyer (AEE), Dr. Ed DePeters (ANS), Dr. Jim Fadel (ANM)
Faculty Advisor (Resource)

- Letters of recommendation
- Specialization Course Options
- Job (career) information
- Sponsor internships & independent study
- Options to veterinary school (Grad School)
Advising Recommendations

- **Peer, Staff, & Faculty Advisors**

3 Step Approach

- **1st** – meet with a Peer Advisor and complete an academic plan
- **2nd** – if you have specific questions, then meet with a Staff Advisor
- **3rd** – meet with your Faculty Advisor (assigned in Fall) to discuss your plan and specialization

You are always welcome to meet with any advisor!
Explore – Seize the Opportunities

• **ANS 49 (2 units, P/NP)**; dairy, beef, sheep, swine, goats, horses, poultry, lab animals, meats & cockatiels/parrots

• **ANS 92/192 Internships (1-12 units, P/NP)** – hands-on learning experiences, on campus & off campus

• **ANS 99/199 Independent Study (1-5 units, P/NP)** – research focus
Explore – Seize the Opportunities

• **Read the Newsletters** – class changes, deadlines, jobs, internships, scholarships, events, workshops

• **Attend the Fall and Spring ANS BBQs**
  • Fall BBQ will be on October 8th at 4:45pm! Bring your friends!
Explore – Seize the Opportunities

- **Tutoring Services**
  - **Academic Assistance and Tutoring Centers (AATC)**
    - Biology, Chemistry, Math, Physics, English, Statistics and more
  - **Office of Educational Opportunity and Enrichment Services (OEOES)**
    - Study Skills – time management, test taking, note taking, etc.
    - Success Coaching, Learning Strategist appointments
  - Drop-in, group, workshops & appointment options
  - **Don’t wait; get help quickly!**

- **Complete the Freshmen Survey** – We will randomly select 2 names for a cool ANS gift pack!
Things to Watch For at UC Davis

• Bike Circles
• Bike Fenders
• Manage your time!
  • #1 Academics
  • But you need to balance extracurricular activities and social life

See ya in Fall 2019!
Other considerations

- Double majors, minors
- On-line course evaluations
- Related Clubs:
  - Young Cattlemen’s Association
  - Draft Horse & Driving Club
  - Vet Aide Club
  - Pre-Vet Students Supporting Diversity
  - Student California Teachers Association
• Internship options for AEE majors:
  • Student Farm
  • Environmental Horticulture
  • Botanical Conservatory
  • Water at Putah Creek
  • Middle/High School placement
  • ABT – metal welding at Western Center
  • Honey Bee Haven Garden
Study Abroad in AEE, ANS or ANM!

- Complete major requirements, GEs, Internships or research opportunities
- Physics series in England, Scotland, Ireland, Cyprus, Sydney, Hong Kong, Madrid in summer
- Financial aid goes with you; scholarships available
- Summer or Fall best for our students
- GPA requirements differ by program
- Hear more information from Isabelle!
Barn Residencies

- Housing on Animal Facility
  - Some private, some shared rooms

- 1-2 year commitment
- 10 Hours per week
- Previous experience required
- Should be academically strong
- Applications available Winter
Scholarships!

• **Campus Wide Scholarships**
  - Require a **minimum GPA of 3.25** and a letter of recommendation (can be from anywhere)
  - These are not species specific but are looking for outstanding students!
  - Deadline is usually the first week in January

• **Department Scholarships**
  - Old applications still on our ASAC website – start preparing
  - Most have no GPA requirement!
  - Deadline is in late Winter Quarter/early Spring Quarter

  “I have always wanted to be a vet…”
Buy a planner!

- Stay organized:
  - Write in all important deadlines at the start of the quarter
    - Midterms
    - Papers
    - Finals
  - Check your planner regularly
  - Stay on track of your education
Teaching

• On-line course evaluations

• Lectures:
  • Dr. or Professor……

• Discussions and Laboratories
  • Teaching Assistants (Graduate Students)
  • Available for office hours
  • Mentor, tutor, guest lecturer, exam proctor
  • Research opportunities
Pre-Vet?

- Additional Chemistry (CHE 2C senior year?)
- Additional English (sometimes)
- Physics Series (senior year)
- Animal Experiences (UC Davis 180 vet hours)
- Organic Chemistry series
- For more information:
  - See Health Professions Advising (hpa.ucdavis.edu)
  - Meet with us
  - Check each vet school’s website
Career Options

• It is always good to have a back up plan
• ANS and ANM graduates are prepared for careers in animal health industry, business, and teaching
  • Including: Agricultural Education, Animal Shelter Manager, Biotechnologist, Conservationist, Ecologist, Epidemiologist, Public Relations and Marketing, Wildlife Biologist, etc.
• Agricultural and Environmental Education majors may pursue careers in education, marketing, extension or cooperative, conservation, lobbying, and more
• Check out our Careers page on the Animal Science Advising Center Website
  • Includes current job postings
ASAC Website

- “Like” us on Facebook and Instagram!
  - “UCD Animal Science Advising Center”
  - “ucdasac”
  - https://animalscience.ucdavis.edu/academics/undergrad/advising
- Club Information
- Scholarship Application Information
- Major Requirements
- 4-Year Schedules
- Important Announcements and Documents (like this PowerPoint!)
- Careers
Lending Library

- Free textbook rentals for ANS, ANM and AEE students
- Lending Library opens during the 1st week of classes (at 1pm)
  - Fall 2019: September 23 at 1pm
- No reservations
- Limit: 1 major-required textbook per-person, no limits on resource books
- Textbook donations are rewarded with ANS swag
Basic Schedule Planning

1) Be willing to take early morning and evening courses
2) Prepare several alternatives in case the classes are filled up – Schedule Builder will allow you to build several schedules! **Course seats will be released tonight at 7:30pm**
3) Remember that you can change courses around during your Pass 2 from Aug 26 to September 6
4) Watch for electives – courses that will not count towards any requirements, e.g. Music, PE

5) **CRNs**: Lecture sections and labs
   - PTAs: Permission to Add
   - PTDs: Permission to Drop

6) “R” stands for Thursday
   “U” stands for Sunday

7) Final Exam Schedule
Career Discovery Group

- **Three quarter commitment**
  - Fall Quarter: SAS 098 Positioning Yourself for Success at UC Davis and Beyond (1 unit pass/no pass)
    A Career Discovery mentor will lead you in learning how to navigate the university while exploring your personal skills and values as they relate to your major and career exploration.
  - Winter Quarter: SAS 005 Career Discovery Seminar (3 units pass/no pass)
  - Spring Quarter: SAS 098 Meet the Professionals (1 unit pass/no pass)

- **Animal and Agriculture-Related Courses to Choose From This Fall**
  - Animal/Wildlife CRN #60028, Wednesday, 5:10-6 p.m., Hutchinson 176
  - Animal/Wildlife CRN #60029, Tuesday, 5:10–6 p.m., Hutchison 156
  - Environmental Science/Sustainable Agriculture CRN #60033, Monday, 5:10–6 p.m., Wellman 205
  - Exploratory CRN #60031, Wednesday, 5:10–6 p.m., Hutchison 156
  - Exploratory CRN #60034, Tuesday, 5:10-6 p.m., Olson 159
  - Exploratory CRN #60035, Thursday, 5:10-6 p.m., Olson 159
Scheduling Fall 2019 Courses

UNIVERSITY REQUIREMENTS

COLLEGE REQUIREMENTS

MAJOR (ANS, ANM, AEE) REQUIREMENTS
General Education Requirements

https://youtu.be/FDxK_PRf4Vk
University: General Education (GE)

• The major requirement courses will cover most of your GE! You’ll still need:
  • At least 12 units of Arts/Humanities (AH)
    • can double dip to include Core Literacies
  • At least 12 units of Social Sciences (SS) depending upon which specialization courses you choose
  • AH and SS can double dip with American cultures, Governance & History: Domestic diversity, etc.
  • Do NOT take any Science and Engineering (SE) GEs!

College English Requirement

• Cannot double dip as GEs!
• ENL 3 and UWP 1 are good options
  • DO NOT take either if you received a 4 or 5 on AP English.
• You can also choose from UWP 18, 19, COM 1, 2, 3, 4, NAS 5, or CMN 1
• OASIS -> Academic Record -> Exams & Events
• UC Davis NOW app -> Colleges -> CAES -> College Requirements
WLD Courses
(preparation for college level courses)

• English – Entry Level Writing Requirement - If you didn’t meet the Entry Level Writing Requirement, you will need to take UWP 7 OR UWP 7M OR WLD 57 OR WR 39A (ELWR Course)
  • Must complete in 3 quarters
  • https://elw.ucdavis.edu/elwr-at-davis

• Chemistry – You must take the Chemistry Placement test and 24+
  • ALEKS – still open for registration (until August 30)
  • WLD 41C only offered in Fall!
  • UC Davis NOW app -> Colleges -> CAES -> Major Requirements (Chemistry Courses)
MATH

• **ANS, ANM, and AEE students should take the MAT 16 series.**

• **WLD 55M is only offered Fall quarters!**
  - UC Davis NOW app -> Colleges -> CAES -> Major Requirements (Math Courses)

• **The “C” portion of the series are not necessary for AEE and ANS majors!**
  - MAT 16C (required for ANM majors)
  - CHE 2C (needed for pre-vet)

• **Do not take STA 13!**
ANS 1

• Plan the rest of your courses **around ANS 1** and plan for multiple sections!
  • ANS 1 A06-A22 are restricted to ANS, ANM, and AEE students for **Pass 1 only**!
• **Location of ASTF**
• **Limited to students ready for ELWR Course and beyond**
  • If you need to take UWP 21, 22 – take ANS 1 next year
  • This will **NOT** put you behind!
  • Instead take a GE AH or SS (without WE GE)
Agricultural and Environmental Education Schedule

- **ANS 1 (4)**
- **SSC 10 (3)**
- **ABT 16 (2)**
- **HIS 17A (4) or English (4) or ELWR Course** (did not pass entry level writing exam)

Total: 12-14 units

- **Alternates:**
  - MAT 12 or 16A
  - ENH 1 (3)
  - ETX 10 (3)
  - GEL 1
  - GE AH or SS (4)
  - Freshmen Seminar
  - Career Discovery Group

Try to pick courses that may relate to your Focus Depth, i.e. Plant and Soil Science, Animal Science, Agricultural Business and Economics, etc.
Animal Science Schedule

- ANS 1 (4)
- CHE 2A (5) or WLD 41C (3)
- GE (AH) (4) or English (4) or ELWR Course (did not pass entry level writing exam)

Total: 12-14 units

- Alternates:
  - WLD 55M, MAT B/C/D, MAT 12 or MAT 16A – especially if you cannot get into chemistry
  - GE (SS)
  - ANS 49 – if available during Pass 2
  - AVS 13
  - ANS 18
  - Freshmen Seminar
  - Career Discovery Group
Animal Science and Management Schedule

- ANS 1 (4)
- CHE 2A (5) or WLD 41C (3)
- GE (AH) (4) or English (4) or ELWR Course not pass entry level writing exam)

Total: 12-14 units

- Alternates:
  - PLS 21 (3) Computer applications
  - MGT 11A (4) Accounting
  - ANS 49 – if available during Pass 2
  - WLD 55M, MAT B/C/D, MAT 12 or MAT 16A – especially if you cannot get into chemistry
  - AVS 13
  - ANS 18
  - Freshmen Seminar
  - Career Discovery Group
Peer Wisdom
• Keep an eye on your UC Davis email – we will be checking schedules and if there are any issues, we will email you!

• Survey
ICE BREAKER
Get to know your friends!
Interest Groups (4-4:45)

• **Study Abroad (Isabelle)**
  - Learn more about study abroad and how it can fit in your major!

• **Video Presentation**
  - Short videos about animal science and agriculture!

• **Lab Demonstration (Mirella, Dr. DePeters, and Lisa Holmes)**
  - Take a quick peek at what you will be doing in ANS 1 – Domestic Animals and People
  - Limit 40 students, 8 minute walk there

• **Tour the Botanical Conservatory (Josh)**
  - This greenhouse and outdoor growing areas contain over 2,500 plant species from most of the world’s climatic regions!
  - Limit 14 students

• **Open Advising Time (Caitlin, Katherine, and Emma)**
  - Concerned about your schedule? Have questions about AP Exams? Your Major? Ask a staff advisor!
SEE YOU IN THE FALL!

[Image of graduates showing decorated caps]