Orientation Refresher

Fall 2018
Important Dates for Fall 2018

- Late Drop Petition
  - Filed with Dean’s Office after 10 (10/19) and 20 (10/23) day drop periods have passed
  - If it’s major required, please meet with us. Either office can initiate.

- Pass 1 appointments are Nov. 5th - Nov. 15th
  - Check Schedule Builder, or MyUCDAVIS for your appointment times.
  - During Pass 1, you can only register for a maximum of 17 units (these include workload units). You also cannot waitlist for courses.
  - Open hours are M-F 8pm to midnight and S-U 10am to 6pm.

- Last day to change variable units for fall courses (and change to P/NP) was October 30th.
  - May still add internship units until last day of instruction (with a PTA), but beyond this date you will not be able to change the units without additional paperwork.

- If you do not have the prerequisite for a course, you can still register with a Prerequisite Petition.
  - Start building now!
  - Remember that instructors cannot act on petitions until after Pass 2!
Winter Schedule Options (ANS)

• Specialization Options (watch pre-reqs!)
  • Faculty Advisor approval!
  • ANS 103 – Animal Welfare (4 units, ok w/ no prereqs!)
  • NPB 102 – Animal Behavior (3 units, BIS 2A/2B/2C)
  • NUT 115 – Animal Nutrition (4 units, CHE 8B)
  • PHR 106 – Animals in Society (2 units, upper division standing)
  • WFC 134 – Herpetology (3 units, BIS 2A/2B/2C)
  • VME 158 – Disease Ecology (3 units, BIS 2A/2B/2C)
  • PMI 126 – Fundamentals of Immunology (3 units, ABI 102)
  • Check newsletter for ANS 198 courses (Equine Welfare, etc.)

• ANS introductory courses
  • ANS 42 – Introductory Companion Animal Biology
    (4 units, no prerequisites, can count towards Companion and Captive or Lab Animals specialization)
  • ANS 15 – Introductory Horse Husbandry
    (3 units, no prerequisites, can count towards Equine specialization)

• ABI 103, CHE 8B, BIS 101
Winter Schedule Options (ANM)

- ANS 128 (prereq PLS 21/ECS 15)
- ANS Specialization introductory courses:
  - ANS 42 (4 units) or ANS 15 (3 units)
- NUT 115 (prereq CHE 8B)
- ARE 100A (prereq ECN 1A/1B, MAT 16A-C)
- BIS 101 (prereq BIS 2A/2B, CHE 8A, STA 100/PLS 120)
- Upper division CMN/UWP Requirement
  - CMN 120, 122, 136, 140, UWP 101, 102A-G, 104A-F
- ARE Course options
Winter Schedule Options (AEE)

- AED 100 – Concepts in Ag. Ed.
- GEL 1 – The Earth
- GEL 16 – The Oceans
- GEL 17 – Earthquakes
- IAD 10 – Intro International Ag Dev
- SAS 130-Leadership
- ABT 52- Welding
  - ABT 16 prereq- fabrication
- ABT 101- Engine Technology
- PLS 2- Botany of Cultivated Plants
- Start Focus Depth or Restricted Electives – expanded handout available
- Physics option: PHY 1A, 1B, 10C or old option: PHY 7A, 7B
Elective 2-3 unit courses to add

- HUM 1 – Humanities Forum (2 units)
- SAS 2 – Feeding the Planet (3 units)
- SAS 13 – Disease and Society (3 units)
- SAS 25 – Global Climate Change (3 units)
- GEL 81/EDU 81 – Learning in Science and Math (2 units)
- GEL 12 – Dinosaurs (2 units)
- GEL 16 – The Oceans (3 units)
- ABT 15 – Wood Prop and Fabrication (2 units)
- DRA 40A – Beginning Modern Dance (2 units)
- DRA 42A – Beginning Ballet (2 units)
- ANS 49C, E, F, G, I, J – Animal Husbandry (2 units)
- NUT 10 – Discoveries and Concepts in Nutrition (3 units)
- NUT 11 – Current Topics and Controversies in Nutrition (2 units)
- PHE 44 – Healthy Living (2 units)
- ETX 20 – Intro Forensic Science (3 units)
- WFC 50 – California Wild Vertebrates (3 units)
Transferred Courses

- IGETC/Articulation – beginning winter quarter, everything should be sorted out
  - Be sure to check in your academic record on OASIS to see if everything transferred over
  - For IGETC, you can check in with us or the Dean’s Office
  - For GEs, you can submit a General Education Credit petition
    - This can be found under the “Forms & Petitions” tab in OASIS
- MyDegree – information will be updated by end of the year for major. Do not rely on requirements listed.
Email Etiquette and Professionalism

• Emails
  • Be sure for all “official” communication – use your UC Davis email
  • Write out full sentences
    • Do **NOT** use text speak – “hey u”
    • Emoticons
    • Slang phrases
  • Include a greeting – “Dear So and So” or “Hello Dr. Blah”
  • Include a valediction – “Sincerely” or “Thank you for your time”

• When emailing a professor or staff – be sure to give them time to respond!
  • If they don’t respond with 3-4 business days (not including weekends), then follow up with a gentle reminder
INTERNSHIPS

• Two types of internships:
  • ANS 92/192 – HUSBANDRY
  • ANS 99/199 – RESEARCH/SPECIAL STUDY
• 1 unit = 3 hours per week or a total of 30 hours per quarter
• Internships do NOT have to be on campus.
• All you need is a faculty sponsor/mentor.
  • They will give you a grade.
  • They are NOT the same as a field supervisor.
• Internships are extra, they are not something that you MUST do.
Available Internships

• Goat Kidding and Management Internship
  • Goat Dairy at UC Davis
  • Brittany Cavaletto – bcavaletto@ucdavis.edu

• Dairy Calf Management Internship
  • Opens later in the quarter
  • Dairy Barn at UC Davis
  • Doug Gisi – ddgisi@ucdavis.edu

• Crees Brothers Farm
  • Working with goats – herd health care and maintenance
  • Laura Crees – lauracrees@yahoo.com or creesbrothersfarm@gmail.com to receive an application

• Sierra Field Station Internships (Beef, AI)
• Sacramento Zoo Internship
• If you are currently in an ANS 49 – speak to the facility manager about possible internship next quarter
Barn Residency

- Application opens in early Winter quarter (in January)
- Housing on Animal Facility
  - Some private, some shared rooms
  - Dairy Barn, Swine Barn, Horse Barn, Sheep Barn, Beef Barn, Feedlot, Feed mill, Hopkins Avian Facility, and the Goat Barn.
- 1-2 year commitment
- 10 Hours per week
- Previous experience required (ANS 49)
Study Abroad in Animal Science

- Begin planning early!
  - Ideally a year in advance
- Study Abroad Scholarships
  Applications for Summer 18 due **April 5th ($500-2000)**
  - Enrollment for Summer 18: Jan. 9th – April 5th
  - Some physics locations are already full but applications are still being accepted.
- UCEAP deadline in early Winter quarter (depends on program)
  - Enrollment is now open!
- ASAC/UCD Study Abroad/Financial Aid
- Fall quarters and summers are the best!
Start Planning Ahead!

- Pre-Vet Students
  - Start designing a back-up plan now
  - Log your animal experiences
  - Check course requirements for vet schools

- Pre-Med, Nursing, Pre-Dental
  - Check course requirements
  - Pre-health website:
    - hpa.ucdavis.edu

- Physician’s Assistant

- Graduate School- Masters or PhD

- Veterinary Technician

- Careers
Pre-vet Students

• **GRE**
  • All national vet schools require the GRE
  • GRE can be taken once every 21 days and up to five times within 365 days
  • GRE waivers available on ETS website
  • [https://opportunity.ucdavis.edu/services/pregradlaw/grad](https://opportunity.ucdavis.edu/services/pregradlaw/grad)

• Vet clinic experience
  • UC Davis is only 180 hours!

• Letters of Recommendation
  • Faculty advisor can be a great starting point!

• **English**
  • Some schools require 3 quarters
  • CMN 1

• VMCAS opens in May, closes early September

• **Check your schools!**
Some other careers to think about…

- Animal Behaviorist
- Animal Breeder
- Animal Caretaker
- Animal Control Officer
- Animal Rehabilitation
- Animal Shelter Manager
- Animal Trainer
- Artificial Insemination Tech
- Banking/Finances
- Barn Manager/Herdsmen
- Biologist Biotechnologist
- Business Management
- Chemist Clinical Researcher
- Conservationist
- Dentist
- Ecologist
- Embryo Transfer Technician
- Endocrinologist
- Environmental Specialist
- Epidemiologist
- Extension Agent/Specialist
- Facility Manager
- Farm Business Manager
- Feed Manufacturing
- Forestry Technician
- Geneticist
- Groomer
- Health Inspector
- Humane Law Enforcement
- Immunologist
- Laboratory Technician
- Livestock Judge/Coach
- Medical Doctor
- Medical Illustrator
- Nutritional Consultant
- Nutritionist
- Optometrist
- Pharmacologist
- Pharmaceutical Representative
- Physical Therapist
- Physician Assistant
- Political Lobbyist
- Professor
- Public Outreach
- Race Track Publicist
- Radiologist
- Research Investigator
- Statistician
- Teacher
- Veterinary Technician
- Wildlife Biologist
- Writer/Journalist
- Zookeeper
Career Symposium

- Tentatively scheduled for March 9th
- Half-day event
- Open to 40 students – prior registration is required. Registration will open in Winter Quarter.
- Alumni Speaker Panel
- Alumni luncheon
- Recruiters – Genentech, VDx, Foster Farms, USDA, CA Wildlife Fish and Game
Campus Resources

- Internship and Career Center – icc.ucdavis.edu, 111 South Hall
  - Resume writing
  - Mock job interviews
  - Career searching

- Student Health and Counseling Services – shcs.ucdavis.edu
  - Massage chairs, Yoga
  - Therapy Fluffies
  - Teaching Kitchen – foodconnection.ucdavis.edu

- Academic Assistance and Tutoring Centers – tutoring.ucdavis.edu, Dutton
  - Tutoring services for chemistry, biology, statistics, physics, writing

- Success Coaching and Learning Strategies – opportunity.ucdavis.edu/services/scls
  - Study Skills, Success Coaching – one on one and in workshops

- Health Professions Advising – hpa.ucdavis.edu, Orchard Drive
  - Pre-health workshops, guest speakers, MMI practice

- Study Abroad Office – studyabroad.ucdavis.edu, International Center, Suite 1120
  - Financial Aid Officer
Campus Wide Scholarships

• Deadline to apply: January 9, 2019
• To apply, you must have a cumulative GPA of 3.25 and provide a letter of recommendation. (Your letter can be from anywhere!)
• To apply:
  • https://financialaid.ucdavis.edu/scholarships/campus
• Scholarship Office information:
  • (530) 752-2804
  • Open Monday – Friday 10am to 2pm in Dutton Hall, Second Floor 2124
  • Contact an Expert
Animal Science Scholarships

- The deadline for these awards are usually in late February
- There is no GPA requirement, but you must be in good academic standing. Most of these awards are looking for students to show a specific interest (through internships, experience, etc.)
- Awards:
  - James Delfino Family Memorial Award ($1000) – production animal, equine, outreach (7)
  - Ed DePeters Award ($1000) – dairy or livestock interest (10)
  - Ian Garnett Memorial Award ($500) – agricultural enterprise mgt. or agribusiness (3)
  - Hino/Misawa Companion Animal Award ($1000) – companion animals (8)
  - Lisa Nash Holmes Award in Animal Science ($1000) – equine, livestock, continuing senior (Grad or Professional school) (12)
  - Oskar Lang Laboratory Animal Science Award ($1000) – lab animals (4)
  - Gary P. Moberg Memorial Award ($500) – aquaculture (2)
  - Ed F. Olivera Sr. Memorial Award ($1000) – avian (1)
  - Catherine Portman Burrowing Owl Research Award ($1000) – burrowing owls (0)
  - Craig Ramini Study Abroad Award ($750) – studying abroad NEW
  - Frank G. Rue Memorial Award ($10,000 and $7,000) – livestock (beef cattle preferred) and leadership (8)
- The applications from last year can be found on animalscience.ucdavis.edu/asac.
- 55 students applied for $25,000 in awards!
Upcoming ANS Workshop!

- Campus-Wide Scholarship Workshop:
  - Tuesday, November 20th 3:00-4:00pm

- Students must RSVP to attend. A reminder about these events will be published in the Animal Science Newsletter which is emailed to students every Friday.
Any questions?
Dr. Michael Mienaltowski

- **B.S.,** Michigan State University, 1999 (Zoology: Cellular & Developmental Biology)
- **DVM,** Michigan State University, 2004
- **Ph.D.,** University of Kentucky, 2008 (Veterinary Science)
- **Post-doctoral Training,** University of South Florida, 2008-2014 (Molecular Pharmacology & Physiology; Orthopaedics & Sports Medicine)
- Research area: development, maturation, and repair of musculoskeletal tissues.
- Teaches ABI 102 – Animal Biochemistry; ANS 15 – Intro to Horse Husbandry
  - ABI 102 is required for ANS and ANS 15 could be a specialization course