



COLLEGE OF AGRICULTURE & LIFE SCIENCES

Soil, Water and Environmental Science



WELCOME!

All Undergraduate Student Assembly

for majors in

Environmental Science

Freshman	Sophomore	Junior	Senior	TOTAL
44	46	42	50	182



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What's new for 2017-2018?

New SWES undergraduate Student Services Center – Shantz 428

Internship Workshop October 5th

SWES Club – new advisor: Jackie Maximillian

Curriculum Updates in progress and Misc.





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What's new for 2017-2018?

SWES Student Services: Advising and Student Center

Advisors: Dr. Joan Curry
Dr. James Walworth
Kathleen Landeen



Student Services Office: Shantz 424

Interactive Student Center: Shantz 428 NEW! NEW! NEW!

“Open House” September 11th to September 15th





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What's new for 2017-2018?

Internship Program

WORKSHOP October 5th 12:30pm to 2:00pm

- Key strength of Environmental Science degree program
- Opportunity for networking, learning new skills and *putting your science to work*
- Opportunity for applying concepts learned in ENVS classes
- Increases competitiveness when applying for jobs
- Presentations towards end of each semester: Marley 230 Nov. 6th at 3:00pm



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Get Involved!

- Clubs/
Committees:** Student Advisory Council; SWES Club ([Jackie Maximillian new SWES club advisor](#)); Plant Science Club; MACS; Solar Cats; Compost Cats; Eco-Reps; Sustainability Workshop; Student Env. Health Sciences Association
- Research:** Soil, Plant, Atmospheric Systems; Critical Zone Science; Contaminant Transport; Water Reuse; Environ. Microbiology; *SWES Colloquium*
- Internships and Volunteer Opportunities:** Government (Federal, State, Local), NGOs, Private Industry, on and off campus research
- Senior Thesis:** Turn field and laboratory studies into thesis projects for credit
- EarthWeek/SWES_x:** Spring 2018 SEES Symposia on the UA Campus





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What's new for 2017-2018?

New instructors for ENVS classes

-ENVS 195A	<i>Careers in Environmental Science</i>	Dr. Jackie Maximillian
-ENVS 200	<i>Introduction to Soil Science</i>	Dr. Rivka Fidel
-ENVS 201	<i>Soil Science Laboratory</i>	Dr. Rivka Fidel
-ENVS 425	<i>Environmental Microbiology</i>	Dr. Paul Carini
-ENVS 408	<i>Scientific Writing for the E, L, A.</i>	Dr. Jean McLain





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What's new for 2017-2018?

Curriculum Updates: New Courses for fall 2017 and spring 2018

-ENVS 310	<i>Ecosystem Health and Justice</i>	Dr. Monica Ramirez-Andreotta
-ENVS 480	<i>Environmental Assessment</i>	Dr. Jackie Maximillian
-ENVS 270	<i>Critical Zone Science</i>	Dr. Rivka Fidel
-ENVS 275	<i>Quant. Methods in Nat. Sci.</i>	Dr. Jackie Maximillian
-ENVS 482	<i>R & R of Impacted Lands</i>	Drs. Brusseau/Ramirez-Andreotta

-Changing the names of the ENVS Major sub-plans

-Reorganizing the ENVS Major core curriculum

-Hiring new faculty member for development of on-line ENVS degree program



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Environmental Science B.S. Sub-Plans:

- The Biosphere
- Leadership, Sustainability, and Communication
- Soil, Air and Water
- Physical and Chemical Dynamics



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Fall Events:

SWES Honor's Assembly (September 28, 2017)

for ENVS, SPS, and SPLS student's interested in doing an *Honor's Thesis or Directed Research*

Internship Workshop (October 5th 12:30 – 2:00pm)

Professional Development: *"How to land your perfect Internship"*

AMP SWES MS Workshops (October 11th and October 12th 1pm to 2pm)

learn how to earn the BS and the MS in only five years

SWES Family Week-end (October 13th 3:00 – 4:00pm)

for ALL ENVS and SPS majors and their guests

Internship Presentations (November 6th 3:00pm)

Student Presentations in Marley 230





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Five tips for freshmen:

1. See your academic advisor in the first six weeks of school.
2. Make an appointment with the internship coordinator and/or career counselor (SWES and CALS have resources for students).
3. Check your university email daily.
4. Get involved in a group, club or research group on campus (hundreds of groups, make connections).
5. Meet with at least two professors during office hours each semester.



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What's new for 2017-2018?

Accelerated SWES Masters Program: Growing rapidly

- Continues to attract quality students**
- Significantly increases career earning potential**
- Especially beneficial to students on academic scholarships**
- First year of Graduate Studies is done during Senior year in ENVS program**
- Start planning in late sophomore or early junior semesters**
- Workshops: October 11th and October 12th in Shantz 428**



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What's new for 2017-2018?

ENVS Program Fees Expenditures

Enhance the ENVS Major's Student Experience

Only applied to students with upper division standing

Juniors and Seniors encouraged to apply for SWES UG Student Council

RECENT USE OF FEES: SWES Student Center; new field trips; computers and software acquisition for student use; in-class demonstration materials; field sampling equipment for courses; testing equipment for capstone laboratory; stipends for additional graduate student instructors to assist with ENVS classes.



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Feedback



Questions?

Comments?

Suggestions?