

# Intro. To Life Sciences Degrees: A Flipped Advising Approach

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TCC 2016

# About the Presenter

- Academic Advisor
- University of Hawai'i at Mānoa's Department of Biology
- MEd in Educational Administration
- Current COLT student
- Past: Distance Education Graduate Assistant



# The Department of Biology at UHM

- 3 Full Time Advisors (40 hours/week)
- 1 Director (20 hours/week)
- 2 Peer Advisors (10 hours/week)



# The Department of Biology at UHM

- Appointments: 15-60 minutes, average 30 minutes
- Approximately 150 students/week maximum

# The Department of Biology at UHM

- Appointments: 15-60 minutes, average 30 minutes
- Approximately 150 students/week maximum
- **1400 students**

# The Department of Biology at UHM

Screenshot  
taken at 7:30 AM  
on 4/13/2016

Mandatory Advising (non-AcAc; >30 credits) with Any Advisor						
Week		Month		Apr 10 - 16, 2016		
APRIL 10 SUNDAY	APRIL 11 MONDAY	APRIL 12 TUESDAY	APRIL 13 TODAY	APRIL 14 TOMORROW	APRIL 15 FRIDAY	APRIL 16 SATURDAY
Not Available	08:00 am	08:00 am	08:00 am	08:00 am	08:00 am	Not Available
	08:30 am	08:30 am	08:30 am	08:30 am	08:30 am	
	09:00 am	09:00 am	09:00 am	09:00 am	09:00 am	
	09:30 am	09:30 am	09:30 am	09:30 am	09:30 am	
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	11:00 am	11:00 am	11:00 am	11:00 am	11:00 am	
	11:30 am	11:30 am	11:30 am	11:30 am	11:30 am	
	1:00 pm	1:00 pm	1:00 pm	1:00 pm	1:00 pm	
	1:30 pm	1:30 pm	1:30 pm	1:30 pm	1:30 pm	
	2:00 pm	2:00 pm	2:00 pm	2:00 pm	2:00 pm	
	2:30 pm	2:30 pm	2:30 pm	2:30 pm	2:30 pm	
	3:00 pm	3:00 pm	3:00 pm	3:00 pm	3:00 pm	
	3:30 pm	3:30 pm	3:30 pm	3:30 pm	3:30 pm	

# The Department of Biology at UHM

Mandatory Advising

Week Month

Apr 10 - 16, 2016

APRIL 10 SUNDAY	APRIL 11 MONDAY	APRIL 12 TUESDAY	APRIL 13 TODAY WEDNESDAY	APRIL 14 TOMORROW THURSDAY	APRIL 15 FRIDAY	APRIL 16 SATURDAY
Not Available	09:00-am 09:30-am 10:00-am 10:30-am 11:00-am 11:30-am 1:00-pm 1:30-pm 2:00-pm 2:30-pm 3:00-pm 3:30-pm	09:00-am 09:30-am 10:00-am 10:30-am 11:00-am 11:30-am 1:00-pm 1:30-pm 2:00-pm 2:30-pm 3:00-pm 3:30-pm	09:00-am 09:30-am 10:00-am 10:30-am 11:00-am 11:30-am 1:00-pm 1:30-pm 2:00-pm 2:30-pm 3:00-pm 3:30-pm	08:00 am 08:30 am 09:00 am 09:30-am 10:00-am 10:30-am 11:00 am 11:30 am 1:00-pm 1:30-pm 2:00-pm 2:30 pm 3:00-pm 3:30-pm	08:00 am 08:30 am 09:00 am 09:30-am 10:00-am 10:30-am 11:00 am 11:30 am 1:00-pm 1:30-pm 2:00-pm 2:30-pm 3:00-pm 3:30-pm	Not Available

Rest of the week is already quite full

# The Department of Biology at UHM

Mandatory Advising (non-AcAc; >30 credits) with Any Advisor								
Week	Month					Apr 17 - 23, 2016		Today
APRIL 17 SUNDAY	APRIL 18 MONDAY	APRIL 19 TUESDAY	APRIL 20 WEDNESDAY	APRIL 21 THURSDAY	APRIL 22 FRIDAY	APRIL 23 SATURDAY		
Not Available	08:00 am <del>08:30 am</del> <del>09:00 am</del> 09:30 am 10:00 am 10:30 am 11:00 am <del>11:30 am</del> 1:00 pm 1:30 pm 2:00 pm 2:30 pm 3:00 pm <del>3:30 pm</del>	08:00 am 08:30 am 09:00 am <del>09:30 am</del> 10:00 am 10:30 am 11:00 am <del>11:30 am</del> 1:00 pm 1:30 pm 2:00 pm 2:30 pm 3:00 pm 3:30 pm	<del>08:00 am</del> <del>08:30 am</del> 09:00 am 09:30 am 10:00 am 10:30 am 11:00 am 11:30 am 1:00 pm 1:30 pm 2:00 pm 2:30 pm 3:00 pm 3:30 pm	08:00 am 08:30 am 09:00 am 09:30 am 10:00 am 10:30 am 11:00 am 11:30 am 1:00 pm <del>1:30 pm</del> 2:00 pm 2:30 pm <del>3:00 pm</del> <del>3:30 pm</del>	08:00 am 08:30 am 09:00 am 09:30 am 10:00 am 10:30 am 11:00 am 11:30 am <del>1:00 pm</del> <del>1:30 pm</del> <del>2:00 pm</del> <del>2:30 pm</del> <del>3:00 pm</del> <del>3:30 pm</del>	Not Available		



# The “Appointment Problem”

- Questions that can be answered in 3-5 minutes
  - “Prescriptive” information
  - 5-minute appointment takes an entire 30-minute slot

# Incoming Life Sciences Students for Fall

- Incoming Freshmen: 300
- Incoming Transfer Students: 150



# Traditional Summer Orientation

- One-time event for each student
- Done in-person, typically not recorded
- Series of presentations back-to-back



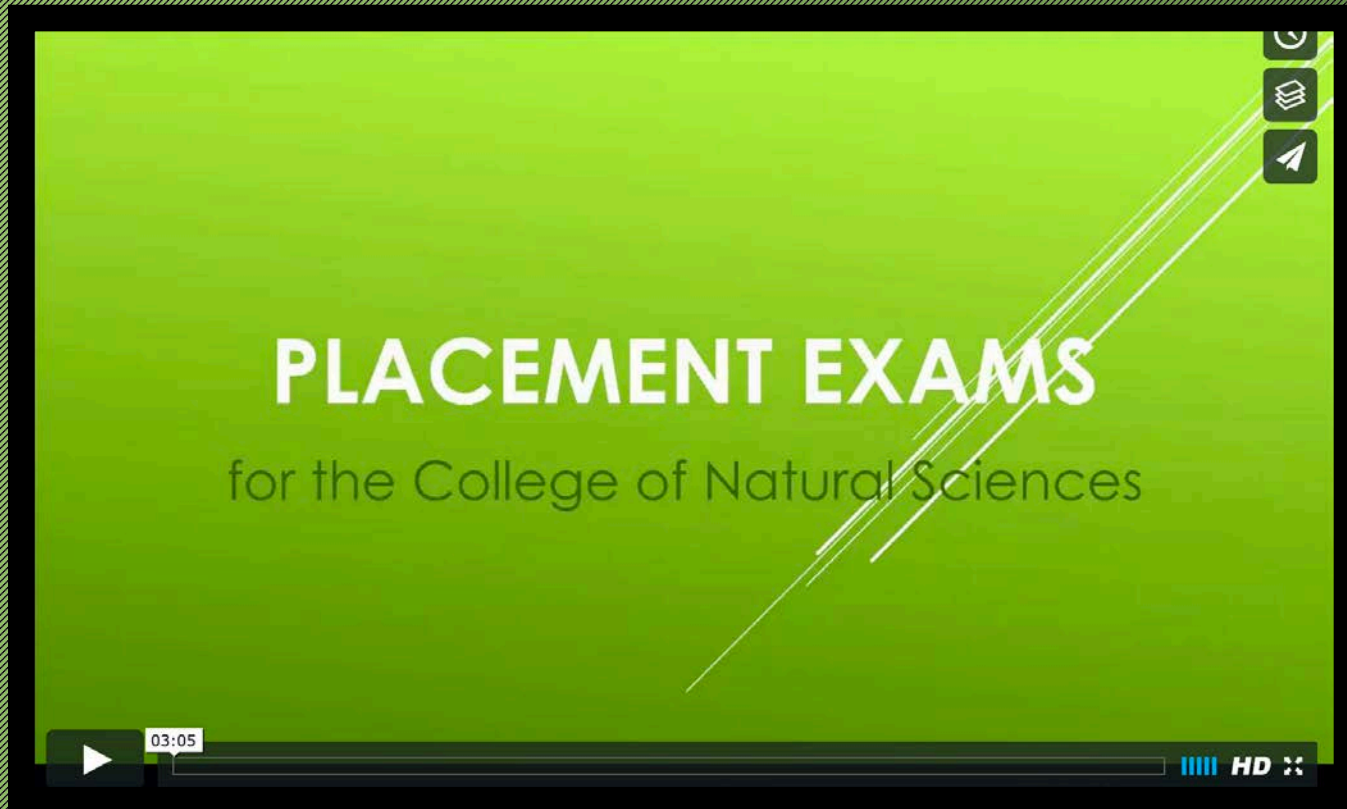
# The Problem

- Information delivery is aural, some visuals
- Information is delivered once
- Note-taking at orientation
- Timing of orientation and registration

# The Solution: An Online Summer Orientation

- Incoming Transfer Life Science Majors
- Modules hosted online, available 24/7
- Engaging video (5 minutes or less) per module
- Short quiz for each module
- Survey at end of the course

# Sample Video: Placement Exams



<http://www.tinyurl.com/CNSPlacement>

# Assessment Questions at the End

- Guide student learning
- Measure video's reliability
- Example:
  - Based on your personal Transfer Credit Evaluation, do you need to take the Chemistry Placement Exam?
    - Answers will vary from student to student

# The Biggest Challenges

- Access to course platform (Symplicity)
  - Need to reteach ourselves
- Demand for appointments
  - Limited to 4–hour work week
- Time taken to create videos



# Advice for my Peers

- Anticipate the unexpected
- An online course is a commitment to accuracy
  - Information is always changing

# Thank you for your time!

- Any questions from the audience?
- All are welcome to contact me:  
[DianaLT@hawaii.edu](mailto:DianaLT@hawaii.edu)