

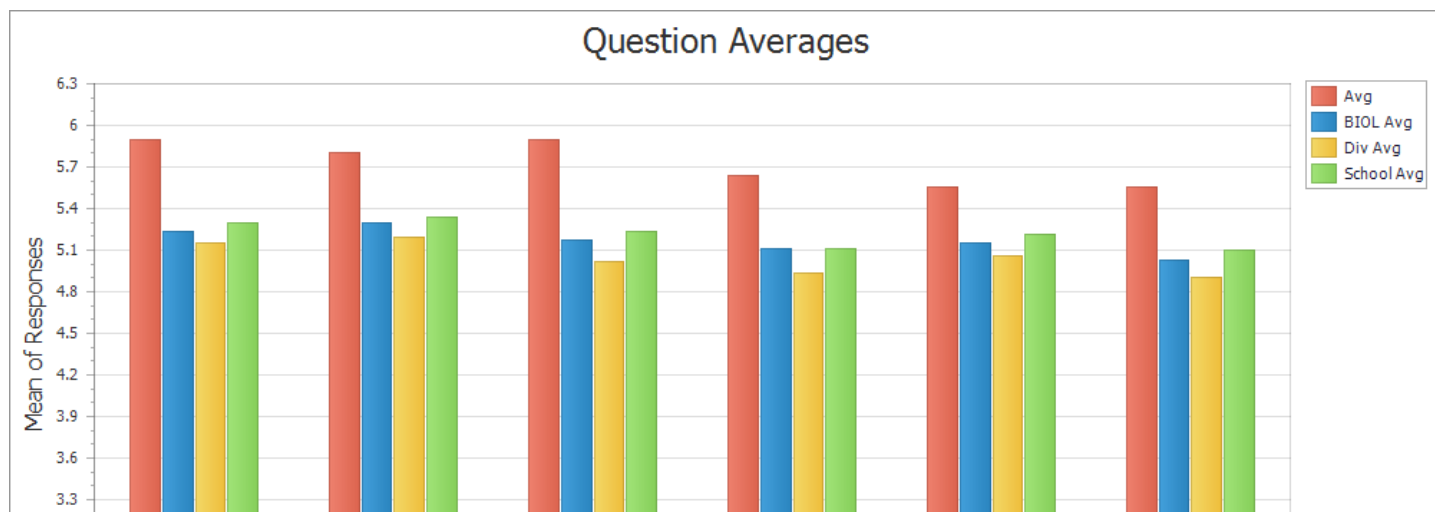


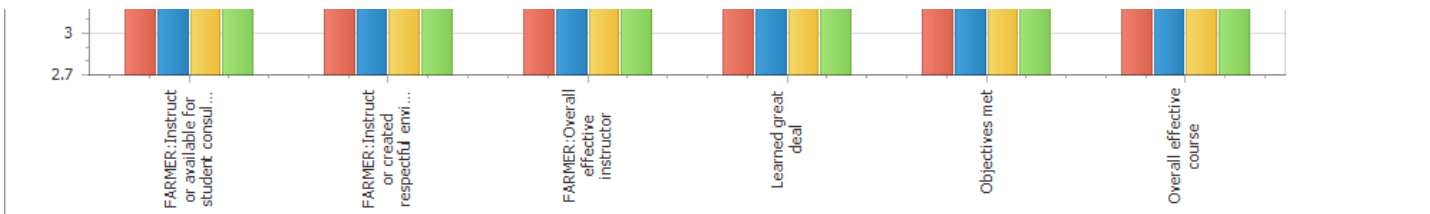
UNIVERSITY OF UTAH

**Custom Report for COLLEEN FARMER Teaching BIOL 5665 Undergraduate Paleophysiology  
FLW sec: 1 2016 Summer**

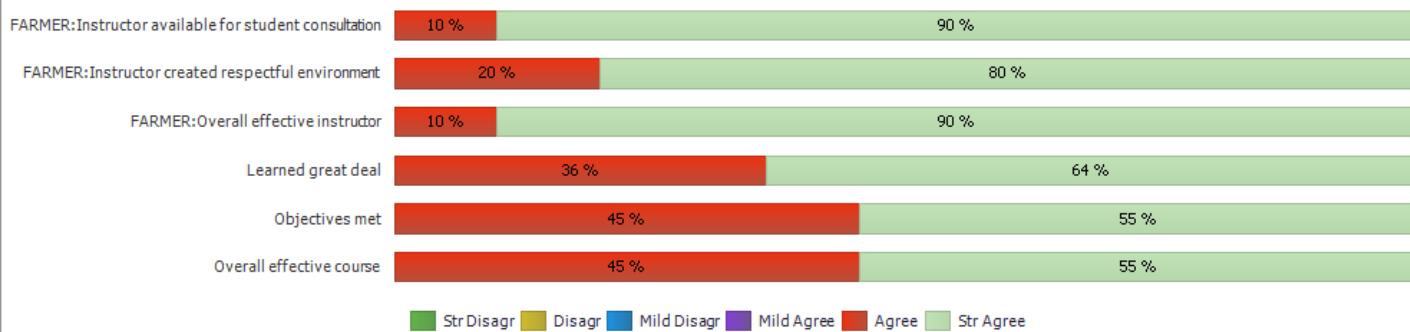
There were: 11 possible respondents.  
Has child course(s) GEO 5665 GEO 6665 BIOL 6665(included)

	Question Text	N	RR	My Avg	BIOL Avg	BIOL SU16	Div Avg	Div SU16	Sch Avg	Sch SU16						
Grp	Instructor Questions (FARMER)			5.73	5.24	5.17	5.12	5.29	5.28	5.60						
Grp	Course Questions			5.51	5.16	5.09	4.99	5.15	5.15	5.26						
											Str Disagr	Disagr	Mild Disagr	Mild Agree	Agree	Str Agree
1	◇ Objectives clearly stated	11	100%	5.55	5.18	5.24	5.11	5.28	5.23	5.34					45% (5)	55% (6)
2	◇ Objectives met	11	100%	5.55	5.15	5.15	5.06	5.20	5.21	5.30					45% (5)	55% (6)
3	◇ Content well-organized	11	100%	5.18	5.05	4.98	4.98	5.12	5.12	5.22				27% (3)	27% (3)	45% (5)
4	◇ Course materials helpful	11	100%	5.64	5.01	5.00	4.92	5.08	5.11	5.22					36% (4)	64% (7)
5	◇ Assignments & exams covered the course	11	100%	5.45	4.99	5.03	4.96	5.13	5.18	5.28					55% (6)	45% (5)
6	◇ Learned great deal	11	100%	5.64	5.11	5.15	4.93	5.14	5.11	5.22					36% (4)	64% (7)
7	◇ Overall effective course	11	100%	5.55	5.03	5.06	4.90	5.12	5.10	5.21					45% (5)	55% (6)
28	◇ Instructor was organized (FARMER)	10	91%	5.1	5.18	4.99	5.07	5.21	5.22	5.30				20% (2)	50% (5)	30% (3)
29	◇ Instructor presented effectively (FARMER)	10	91%	5.5	5.06	4.94	4.91	5.12	5.13	5.24					50% (5)	50% (5)
30	◇ Instructor created respectful environment (FARMER)	10	91%	5.8	5.30	5.29	5.19	5.37	5.34	5.44					20% (2)	80% (8)
31	◇ Demonstrated thorough knowledge (FARMER)	10	91%	5.9	5.42	5.38	5.30	5.44	5.43	5.47					10% (1)	90% (9)
32	◇ Instructor encouraged questions/ opinions (FARMER)	10	91%	6	5.27	5.22	5.15	5.31	5.34	5.42						100% (10)
33	◇ Instructor available for student consultation (FARMER)	10	91%	5.9	5.23	5.26	5.15	5.36	5.30	5.38					10% (1)	90% (9)
34	◇ Overall effective instructor (FARMER)	10	91%	5.9	5.17	5.08	5.02	5.23	5.23	5.32					10% (1)	90% (9)





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Customize

### Text Responses

#### Question: Comments on course effectiveness

The discussions and the field trip were great! The class was a little intensive after the field trip (maybe group assignments would have made the class less intensive.) This class a lot like Nalini's public engagement course and I loved it! I love the smaller class and the opportunity to work on projects during class. I'm more engaged and willing to learn.

Applied class, visiting the museum was good. As was traveling south to see trackways.

I thought the trip out to the Great Salt Lake and the experiments we did there were excellent.

Full immersion was amazing

1) The mixed education level design of the class. 2) Plenty of hands on experience

My only major complaint is that there was way too much paper involved. I would have preferred to save paper and go digital. Otherwise, the course was fantastic.

1) I think the course would benefit from a slightly more structured approach. Certain lectures were not obviously relevant to vertebrate physiology (such as the the plant lecture), and some of the homework questions required knowledge neither discussed during lecture or included within the homework readings. 2) A lot of time was spent discussing attributes of mammals, but all of our individual assignments were centered around reconstructing the life histories of various dinosaurian taxa. I think since there are no prerequisites in this course and a fundamental understanding of phylogenetic relationships can not be assumed for all students, this is a misleading approach. For examples, discussing the jaw mechanics of mammals with no discussion of how dinosaurs process food differently does a disservice to students with no prior knowledge. Most dinosaurs aren't capable of chewing like mammals, and the few dinosaurian clades capable of mastication accomplish it in novel ways distinct from mammals. Since every student must reconstruct the life history of a dinosaurian taxon, it would benefit students with no background to spend more time discussing what we know about dinosaurian physiology.

The presentations that were used gave enough information to be able to grasp the concepts, but left out enough that the student could make connections on their own to better understand the material. The hands on activities used in the course allowed students to visualize the concepts which also helped to better understand the materials

The hands on approach and group discussions were effective.

#### Question: Instructor Comments

I found Dr. Farmer's style of teaching (highly interactive) to be very effective and a great break from other classes with a more lecture-style format. The only issue that comes to mind is organization. Sometimes the class felt a little disorganized. This could be fixed by a short lecture (around 5 min) at the start of the day that explained where the class would be heading and why.

Dr. Farmer is one of the few professors who made me genuinely interested in getting out of my academic comfort zone and into places that really challenged me. I appreciated that she would let students think out a solution, rather than just giving them an answer. She was an excellent professor.

Individual meeting with students about presentations, holding a debate was a fun way to learn.

Colleen Farmer was so passionate about her field of work that it rubbed off on me (I love going to dinosaur museums now!) She did a fantastic job making sure that everyone was learning something from the second year undergraduate to the civil engineer to the pH.D paleontology student. She encouraged us to help each other and learn from each other. I have never learned so much in four weeks in my life.

1) She made herself available to discuss ideas or help with problems. I always left her office feeling like I had learned so much in such a short period of time. 2) She gave effective feedback in a timely manner so improvements could be made.

Very understanding and willing to help. Also very, very knowledgeable on what she taught.

This instructor was awesome. I had questions on one of the homeworks because I missed class, so I emailed her. Not 15 minutes later, she called me and walked me through the concepts I didn't understand, taking 30 minutes out of her day to help me. This instructor also made learning fun. Regardless of how old

you were or your educational background, she made sure that you were included and understood the material being taught. This class was a very good experience for me and I would highly recommend this class to any student that has in interest in understanding biology and seeing how to present and write a scientific paper

### *Commonly Occurring Words and Phrases from Your Students' Comments*

class learning lecture material student