

## Overview of Courses and Pathway for the Oral Biology PhD Curriculum

Fall Term - 1st Semester		
Course #	Course Title	Number of Credits
ORBIOL 3503	Oral Tissues	3
ORBIOL 3504	Seminar/Journal Club	1
ORBIOL 3516	Foundations Of Successful Career Planning And Development Part 1	1
ORBIOL 3551	Foundations in Development, Genetics, and Biochemistry	2
ORBIOL 3552	Foundations in Statistics, Research Design, and Critical Thinking	3
ORBIOL 3555	Foundations in Embryology and Craniofacial Organogenesis	3
ORBIOL 3505	Directed Research	# credits as needed
Spring Term - 2 <sup>nd</sup> Semester		
ORBIOL 3504	Seminar/Journal Club	1
ORBIOL 3546	Foundations Of Successful Career Planning And Development Part 1	1
ORBIOL 3553	Foundations in Genetic Epidemiology	3
ORBIOL 3554	Foundations in Craniofacial Anatomy	3
ORBIOL 3555	Foundations in Craniofacial Skeletal Regeneration	3
ORBIOL 3505	Directed Research	# credits as needed
Summer Term - 3 <sup>rd</sup> Semester		
INTBP 2290	Scientific Ethics and the Responsible Conduct of Research	1
ORBIOL 3504	Seminar/Journal Club	1
TBD	Electives	# credits as needed
ORBIOL 3505	Directed Research	# credits as needed
	<b>Choose Mentor</b>	
Fall Term - 4 <sup>th</sup> Semester		
ORBIOL 3603	Human Growth and Development (offered every other year)	3
TBD	Electives	# credits as needed
ORBIOL 3505	Directed Research	# credits as needed

<b>Spring Term - 5<sup>th</sup> Semester</b>		
ORBIOL 3508	Current Topics in Oral Health Research	1
TBD	Electives	# credits as needed
ORBIOL 3505	Directed Research	# credits as needed
<b>Required for all students in CR ARCO</b>		
ORBIOL 3602	TMJ Regeneration and Mechanics	3
ORBIOL 3509	Composition, Structure and Function of Mineralized Tissues (offered every other year)	2
<b>Required for all students in CG ARCO</b>		
ORBIOL 3512	Craniofacial Genetics	2
<b>Summer Term - 6<sup>th</sup> Semester</b>		
TBD	Electives	# credits as needed
ORBIOL 3505	Directed Research	# credits as needed
<b>Fall Term - 7<sup>th</sup> Semester</b>		
OBIOL 2110	Teaching Practicum (Fall, Spring, or Summer) (just 1 semester required)	2
TBD	Electives	# credits as needed
ORBIOL 3505	Directed Research	# credits as needed
<b>Spring Term - 8<sup>th</sup> Semester</b>		
TBD	Electives	# credits as needed
ORBIOL 3505	Directed Research	# credits as needed
	<b>PhD Comprehensive Examination (in third year)</b>	
	<b>Following successful completion of comprehensive examination, formation and approval of a Dissertation committee chair and members.</b>	
<b>Summer Term - 9<sup>th</sup> Semester</b>		
TBD	Electives	# credits as needed
ORBIOL 3505	Directed Research	# credits as needed
	<b>Defend dissertation proposal and be admitted to PhD candidacy.</b>	
<b>Following Terms - 10-12<sup>th</sup> Semesters</b>		
ORBIOL 3510	Dissertation Research (in last term)	# credits as needed
	<b>Oral presentation and committee oral defense of dissertation.</b>	
	<b>Apply for Graduation and Graduation!</b>	

**Color Coding Key:** **blue** = required didactic courses for all PhD students; **orange** = research courses; **purple** = required didactic courses for CR ARCO students; **red** = required didactic courses for CG ARCO students; **green** = elective didactic courses open to all PhD students.

