

Course Description Form

1. Course Name:	
Oral Histology and Embryology	
2. Course Code:	
ZUDE0206 ZUDE0206	
3. Semester / Year: 2025-2026	
Annual	
4. Description Preparation Date:	
15/8/2025	
5. Available Attendance Forms:	
Lectures (Theory) + Labs (Practical, Weekly)	
6. Number of Credit Hours (Total) / Number of Units (Total)	
60 hours (Theoretical) + 60 hours (Practical). (Two theoretical hours and three practical hours week) FOR Embryology	
60 hours (Theoretical) + 60 hours (Practical). (Two theoretical hours and three practical hours week) FOR Oral Pathology	
7. Course administrator's name (mention all, if more than one name)	
Name: Mohammad Ihsan Abd Mohammad	
Email: miach680@gmail.com	
8. Course Objectives	
Course Objectives	-Enabling students to learn about the structure of the tooth and the biological processes associated with its development. -Enabling student to know about the developmental anomalies of tooth structures. -Clinical considerations about each tooth structure had -Having the knowledge about how each structure forms from the primitive cells till final structure.
9. Teaching and Learning Strategies	
Strategy	1. Use PowerPoint lectures. 2. Method of debate and discussion. 3. Education in laboratories to acquire scientific skills. 4. Reports and projects. 5. Student groups and Workshops.

	6. Scientific trips. 7. Oral discussions
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10.Course Structure (Theory)					
Week	Hours	Required learning outputs	Subject Title	Teaching Method	Assessment Method
First Semester					
1	2 Hrs. Theory	Embryology 1 st week of development	1 st week of development	Power Point	Quiz
2	2 Hrs. Theory	Embryology 2 nd week of development	2 nd week of development	Power Point	Quiz
3	2 Hrs. Theory	Embryology 3 rd week of development	3 rd week of development	Power Point	Quiz
4	2 Hrs. Theory	Embryology 4 th week of development	4 th week of development	Power Point	Quiz
5	2 Hrs. Theory	Embryology pharyngeal arches	pharyngeal arches	Power Point	Quiz
6	2Hrs. Theory	Embryology Facial, nasal and palatal development	Facial, nasal and palatal development	Power Point	Quiz
7	2 Hrs. Theory	Oral Histology tooth development (part1)	Tooth development (part1)	Power Point	Quiz
8	2 Hrs. Theory	Oral Histology tooth development (part2)	Tooth development (part2)	Power Point	Quiz
9	2 Hrs. Theory	Oral Histology Dentin structure	Dentin structure	Power Point	Quiz
10	2 Hrs. Theory	Oral Histology Dentinogenesis	Dentinogenesis	Power Point	Quiz
11	2 Hrs. Theory	Oral Histology dentin structure	dentin structure	Power Point	Quiz
12	2 Hrs. Theory	Oral Histology Amelogenesis	Amelogenesis	Power Point	Quiz
13	2 Hrs. Theory	Oral Histology Enamel structure	Enamel structure	Power Point	Quiz

14	2 Hrs. Theory	Oral Histology pulp	pulp	Power Point	Quiz
15	2 Hrs. Theory	Oral Histology Cementum	Cementum	Power Point	Quiz
Second Semester					
1	2 Hrs. Theory	Oral Histology Alveolar bone	Alveolar bone	Power Point	Quiz
2	2 Hrs. Theory	Oral Histology oral mucosa(part1)	oral mucosa(part1)	Power Point	Quiz
3	2 Hrs. Theory	Oral Histology oral mucosa(part2)	oral mucosa(part2)	Power Point	Quiz
4	2 Hrs. Theory	Oral Histology salivary gland	salivary gland	Power Point	Quiz
5	2 Hrs. Theory	Oral Histology periodontal ligament	periodontal ligament	Power Point	Quiz
6	2 Hrs. Theory	Oral Histology eruption of teeth	eruption of teeth	Power Point	Quiz
7	2 Hrs. Theory	Oral Histology shedding of teeth	shedding of teeth	Power Point	Quiz
8	2 Hrs. Theory	Oral Histology maxillary sinus	maxillary sinus	Power Point	Quiz

10.Course Structure (Practical)					
Week	Hours	Required learning outputs	Subject Title	Teaching Method	Assessment Method
First Semester					
1-8	16 Hrs. Practical	Same topics of theoretical subjects	Same topics	Power Point	Quiz
11. Course Evaluation					
		Practical	Theoretical	Total	
First Course		8	12	20	
Second Course		8	12	20	
Final exam		20	40	60	
Total		36	64	100	
Notes: Theoretical including two exams, homework, reports, quizzes + 8 marks in practical part including quizzes, reports, Homework					

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Ten Cate's Oral Histology Development, Structure, and Function ANTONIO NENCI, 9 th ed
Main references (sources)	Ten Cate's Oral Histology Development, Structure, and Function ANTONIO NENCI, 9 th ed
Recommended books and references (scientific journals, reports...)	Orban's Oral Histology and Embryology G. S. Kumar Essentials of Oral Histology and Embryology: A Clinical Approach, 6th Edition
Electronic References, Websites	nature