

2023 Interdisciplinary Health Care Graduate Program in English for overseas Ph. D
(令和5年度 大学院口腔科学研究科 統合医療学際教育英語プログラム)

Course Title: Biomedical Engineering(生体医工学)

Graduate School in Charge: Oral Sciences(口腔科学研究科)

Lecture Room: School of Dentistry,Lecture room101(歯学部棟 101講義室)

Class Time: Wednesday, 16:30－18:00(水曜16:30～18:00)

#	Date	Contents	Department: Lecturer	Notice
1	4/12	Introduction of Biomedical Engineering	Biomaterials and Bioengineering: Kenichi Hamada	On-demand
2	4/19	Introduction for clinical field of artificial organs	Biomaterials and Bioengineering: Kazumitsu SEKINE	
3	4/26	Digital transformation in Orthodontics	Orthodontics and Dentofacial Orthopedics: Keiichiro Watanabe	
4	5/10	Bio-medical imaging technologies in advanced minimally intervention dentistry #1	Regenerative Dental Medicine: Keiichi Hosaka	
5	5/17	Bio-medical imaging technologies in advanced minimally intervention dentistry #2	Regenerative Dental Medicine: Keiichi Hosaka	
6	5/24	Imging Artifact in X-ray CT and MRI	Biomaterials and Bioengineering: Emi Takegawa	
7	5/31	Clinical Application of Tissue Engineering Technology 1	Stomatognathic Function and Occlusal Reconstruction: Masamitsu Oshima	
8	6/7	Clinical Application of Tissue Engineering Technology 2	Stomatognathic Function and Occlusal Reconstruction: Masamitsu Oshima	
9	6/14	Tooth wear	Stomatognathic Function and Occlusal Reconstruction: Yoshitaka Suzuki	
10	6/21	Relationship between engineering and artificial organs	Biomaterials and Bioengineering: Kazumitsu SEKINE	
11	6/28	Digital transformation for Minimum Intervention Dentistry	Orthodontics and Dentofacial Orthopedics: Keiichiro Watanabe	
12	7/5	Bone Substitute Materials for Dental Implant Surgery	Oral Surgery: Naoyuki Fukuda	
13	7/12	Digital transformation of prosthetic dentistry	Stomatognathic Function and Occlusal Reconstruction: Yoshitaka Suzuki	
14	7/19	Basic Research of Stem Cells and Bioengineering	Oral bioscience: Keiko Miyoshi	
15	7/26	Basic Research of Stem Cells and Bioengineering	Oral bioscience: Keiko Miyoshi	