

Prosthodontics

Head

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Professional certificate: prosthodontics

Faculty: <https://dentistry.uiowa.edu/directory>

Website: <https://dentistry.uiowa.edu/departments/prosthodontics>

Courses

Prosthodontics Courses

PROS:5700 Advanced Clinical Prosthodontics	0,2 s.h.	PROS:8122 Treatment of Dentulous Patients: Fixed Prosthodontics for Single Anterior Teeth Lecture	1 s.h.
PROS:5710 Advanced Removable Prosthodontic Technique	0,2 s.h.	Basic principles of fixed prosthodontics for single-unit anterior teeth; basic principles of tooth preparation, clinical steps, and digital procedures for fabrication of anterior single-tooth all-ceramic crowns and interim crowns. Prerequisites: PROS:8120 and PROS:8121.	
PROS:5720 Advanced Instrument Technique	0,2 s.h.	PROS:8123 Treatment of Dentulous Patients: Fixed Prosthodontics for Single Anterior Teeth Lab	1 s.h.
PROS:5730 Advanced Implant Techniques	0-2 s.h.	Patient simulation exercises in single anterior tooth preparation, and fabrication of single-unit anterior all-ceramic and interim restorations. Prerequisites: PROS:8120 and PROS:8121.	
PROS:5740 Advanced Fixed Prosthodontics Technique	0,2 s.h.	PROS:8124 Treatment of Dentulous Patients: Fixed Prosthodontics for Single Posterior Teeth Lecture	1 s.h.
PROS:5750 Clinical Issues and Treatment Planning in Prosthodontics	0-1 s.h.	Basic biomechanical principles of fixed posterior single tooth prosthodontics; diagnosis and treatment planning for dentate patients including occlusion. Prerequisites: PROS:8120 and PROS:8121 and PROS:8122 and PROS:8123.	
PROS:6220 Fixed Prosthodontics Literature Review I	0-4 s.h.	PROS:8125 Treatment of Dentulous Patients: Fixed Prosthodontics for Single Posterior Teeth Lab	1 s.h.
Fixed prosthodontic procedures; assigned readings, discussion of related research.		Patient simulation exercises in single posterior tooth preparation and laboratory fabrication of single-unit posterior definitive and interim restorations. Prerequisites: PROS:8120 and PROS:8121 and PROS:8122 and PROS:8123.	
PROS:6221 Fixed Prosthodontics Literature Review II	0-4 s.h.	PROS:8240 Treatment of Partially Edentulous Patients: Fixed Multi-Unit Prosthodontics Lecture	1 s.h.
Porcelain-fused-to-metal and ceramic restorations, color science and esthetics; assigned readings, discussion of related research.		Basic biomechanical principles of fixed prosthodontics for multiple-unit fixed prostheses; diagnosis and treatment planning for partially edentulous patient, including occlusion and esthetic concerns.	
PROS:6222 Implant Literature Review	0-4 s.h.	PROS:8241 Treatment of Partially Edentulous Patients: Fixed Multi-Unit Prosthodontics Patient Simulation I	1 s.h.
Implant prosthodontics; assigned readings, discussion of related research.		Patient simulation exercises in preparation and fabrication of a three-unit fixed partial dental prosthesis and interim restoration.	
PROS:6223 Occlusion Seminar	0-4 s.h.	PROS:8242 Treatment of Partially Edentulous Patients: Single Tooth Implant Lecture	1 s.h.
Occlusion and the temporomandibular system; assigned readings and discussion of related research.		Principles, clinical steps, materials, and laboratory procedures necessary for single tooth fixed implant treatment. Prerequisites: PROS:8240 and PROS:8241.	
PROS:6224 Graduate Restorative Materials	0,2 s.h.	PROS:8243 Treatment of Partially Edentulous Patients: Single Tooth Implant Patient Simulation	1 s.h.
Dental materials science; mechanical, physical, and chemical properties of restorative materials; selection and manipulation.		Clinical steps in laboratory procedures for single tooth implant surgical guide fabrication and restoration. Prerequisites: PROS:8240 and PROS:8241.	
PROS:6225 Complete Denture Literature Review	0-4 s.h.	PROS:8244 Treatment of Partially Edentulous Patients: Removable Partial Prosthodontics Lecture	1 s.h.
Complete denture prosthodontics; assigned readings, discussion of related research.		Basic biomechanical principles of tooth replacement with removable partial prosthodontics; diagnosis and treatment planning for partially edentulous patients. Prerequisites: PROS:8240 and PROS:8241 and PROS:8242 and PROS:8243.	
PROS:6226 RPD Literature Review	0-4 s.h.	PROS:8245 Treatment of Partially Edentulous Patients: Removable Partial Prosthodontics Patient Simulation	1 s.h.
Removable partial denture prosthodontics; assigned readings, discussion of related research.		Laboratory exercises in basic principles, clinical steps, and laboratory procedures necessary for fabrication of removable partial dentures. Prerequisites: PROS:8240 and PROS:8241 and PROS:8242 and PROS:8243.	
PROS:6700 Maxillofacial Prosthodontics Seminar	0-1 s.h.	PROS:8246 Treatment of Edentulous Patients: Removable Complete Prosthodontics Lecture	1 s.h.
PROS:6710 Dental Implant Surgery for Prosthodontic Residents	arr.	Fundamental principles of diagnosis and treatment planning for edentulous patients, surgical and prosthodontic protocols for oral rehabilitation of edentulism. Prerequisites: PROS:8240 and PROS:8241 and PROS:8242 and PROS:8243 and PROS:8244 and PROS:8245.	
Lecture and literature review covering implant surgery and complications for prosthodontics residents.			
PROS:7700 Maxillofacial Prosthodontics Rotation	0-1 s.h.		
PROS:8120 Treatment of Dentulous Patients: Introduction to Occlusion Lecture	1 s.h.		
Introduction to principles of occlusion and their clinical application.			
PROS:8121 Treatment of Dentulous Patients: Introduction to Occlusion Lab	1 s.h.		
Patient simulation exercises demonstrating principles of occlusion.			

PROS:8247 Treatment of Edentulous Patients: Removable Complete Prosthodontics Patient Simulation 1 s.h.

Laboratory exercises in basic principles, clinical steps, and laboratory procedures necessary for fabrication of complete dentures, including implant over-dentures. Prerequisites: PROS:8240 and PROS:8241 and PROS:8242 and PROS:8243 and PROS:8244 and PROS:8245.

PROS:8360 Prosthodontic Clinic arr.

Experience supplemented by individual supervision, demonstration.

PROS:8365 Prosthodontic Seminar I 1 s.h.

Application of knowledge in biological, basic sciences, and technique to clinical fixed and removable prosthodontics procedures.

PROS:8366 Prosthodontic Seminar II 1 s.h.

Application of knowledge in biological, basic sciences, and technique to clinical fixed and removable prosthodontics procedures.

PROS:8369 Introduction to Clinical Prosthodontics I 4 s.h.

Introduction to application of knowledge in principal, biological, basic sciences, and techniques to clinical fixed, removable, and implant prosthodontics procedures; clinical prosthodontics experience supplemented by individual supervision, demonstration.

PROS:8370 Introduction to Clinical Prosthodontics 8 s.h.

Application of knowledge in principal, biological, basic sciences, and techniques to clinical fixed, removable, and implant prosthodontics procedures; clinical prosthodontics experience supplemented by individual supervision, demonstration.