For entrants in FY 2019

Appended Form 1

Specifications for Major Program

Name of School (Program) [School of Dentistry, Program of International Dentistry]

Program name (Japanese)	
(English)	Program of International Dentistry

Degree: Bachelor (Dentistry)

Outline

The School of Dentistry provides the "Program for International Dentistry" based on a foundational philosophy that aims to educate dental medical staff to acquire cross-disciplinary, general, creative, and international capabilities. To enable students to achieve the targets defined for this program, education is provided according to the contents described below:

(1) Biodental education in the newly established academic framework that fuses life science and dental medicine and teaches the latest research methods, knowledge, and skills while respecting the existing academic frameworks of life science and dental medicine;

(2) Education for developing dental medical staff who are able to collect and analyze required knowledge and information, update their thinking based on such knowledge and information in order to find comprehensive solutions to problems from a variety of points of view, and who possess a mindset that leads them to attempt to judge and act on their own responsibility and with deep humanity; and

(3) Education that fosters expressiveness, comprehension, and a rich sensitivity for Japanese and foreign languages, and that develops capabilities for communication with and presentation to persons from different cultures and/or academic realms.

Diploma policies (degree conferment policy & program attainment goals)

The Program for International Dentistry will award a degree of Bachelor of Dentistry to students who, in addition to earning the required credits defined for the educational course, have acquired the capabilities described below:

(1) Deep humanity, an understanding of the professional responsibilities of a dentist, and the fundamental knowledge, skills, and attitude required for putting such responsibilities into practice;

(2) Recognition of the importance of research, as well as possession of a scientific intelligence and creativity;

(3) The ability to think critically and solve problems, as well as the ability to study continuously throughout life;

(4) The ability to communicate appropriately with patients, their families, and the other medical staff;

(5) A capability for coping with change in society and progress in science related to dental medicine;

Program for International Dentistry and evaluation of the achievement level against the target defined for this program, in order to develop dentists with the superior capabilities that are required in society and by citizens.
Start of the program / Admission conditions First year (at the time of admission)
Qualification(s) Qualification for the National Board Dental Examination (obtainable on graduation)
Class subjects and class content * See the Table of Registration Standards on Attached Sheet 1 for your class subjects. * See the syllabus announced in each fiscal year for class content.

Academic achievements

At the end of each semester, evaluation criteria will be shown with a clear indication of attainment levels according to the evaluation items for academic achievements.

Students' learning outcomes from admission to the current semester will be indicated as one of three levels: “Excellent,” “Very Good,” and “Good,” based on evaluation criteria calculated by adding the weighted values to numerically converted evaluations of their academic achievements (S = 4, A = 3, B = 2, and C= 1) in each subject being evaluated.

Evaluation of academic achievement	Converted values

○Abilities & skills

1 Basic skills for prevention, examination, inspection, diagnosis, and treatment of diseases in areas of dental medicine
2 Basic skills required for conducting experiments and presentations
3 Skills for appropriately collecting, selecting, organizing, and presenting information regarding life science and dental medicine

○Comprehensive abilities

1 Rich humanity, understanding of professional responsibilities of a dentist, and general capabilities including basic knowledge, skills, and attitude required for putting such responsibilities into practice
2 Recognition of the importance of research, scientific intelligence, and creativity
3 Ability to think critically, solve problems, and engage in lifelong learning
4 Skills for appropriately communicating with patients, their families, and other medical staff
5 Ability for coping with change in society and progress in science related to dental medicine
6 Capabilities for coexisting and cooperating with persons from various cultures and regions, and for international communication

Graduation thesis (graduation research) (placement and method & time of assignment)

Students are not required to prepare a graduation theses.

Responsibility system

The dean room council and the faculty council of the School of Dentistry are engaged in planning for and execution of this course. For the processes of evaluation and action for improvement, the dean of the School of Dentistry consults with the dean room council and the faculty council of the School of Dentistry, and carries out the required actions while taking the results of the consultations into consideration.

2term

3term

1term

2term

1term

3term

4term

2term

4term

3term

n the term,
the class
ided in a

bject that

<Program of International Dentistry>

Subject type		Class Subject	Minimum No. of credits required	A number of necessary credits by year and semester												
				1		2		3		4		5		6		
				1	2	3	4	5	6	7	8	9	10	11	12	
Fundamental subjects	Basic Specialized Courses	Medical Ethics	1			1										
		Interpersonal Communication	1				1									
		Health & Medical Communication	1				1									
		Medical Informatics	2				2									
		Clinical Psychology	1					1								
		Team Care for Oral Health	1					1								
		Practice of Biodental English	2					2								
		Special Subject	1						1							
		Quality and Safety Management in Dentistry	1							1						
		Disaster Dentistry and Forensic Odontology	1								1					
	Subjects of life sciences	Gross Anatomy	2	2												
		Basic Practice of Anatomy	2		2											
		Basic Practice of Anatomy	2		2											
		Embryology	2			2										
		Oral Histology	2			2										
		Basic Practice of Histology	1			1										
		Basic Practice of Histology	1			1										
		Oral Anatomy	1			1										
		Practice on Oral Anatomy	1			1										
		Human Genetics	2			2										
		Oral biochemistry	2			2										
		Oral biochemistry	2			2										
		Practice of Oral Biochemistry	1				1									
		Oral Physiology	2			2										
		Oral Physiology	2			2										
		Laboratory Work in Oral Physiology	1				1									
		Dental Materials and Devices	1			1										
		Dental Materials and Devices	2			2										
		Dental Materials and Devices Practice	1				1									
		Dental Materials and Devices Practice	1				1									
		Microbiology	2				2									
		Microbiology	2				2									
		Immunology	2				2									
		Basic technique for microbiology & immunology	1					1								
		Dental Pharmacology	2				2									
		Dental Pharmacology	2				2									
		Practice of Pharmacology	1					1								
		Basic Oral Pathology	2				2									
		Basic Oral Pathology	2				2									
		Slide Practice for Oral Pathology	1					1								
		Slide Practice for Oral Pathology	1					1								
		Molecular Biology in Medicine	2					2								
		Radiation Biology & Radiation Health Risk Sciences	2					2								
	Medical subjects	Internal Medicine I	2					2								
		Internal Medicine	2					2								
		Surgery I	2					2								
		Surgery II	1					1								
		Ophthalmology	1					1								
		Otorhinology	1					1								
		Dermatology	1					1								
		Psychiatry	1					1								
		Pediatrics	1					1								
	Subjects of interdisciplinary dentistry	Oral Radiology	1					1								
		Oral Radiology	2						2							
		Basic Seminar of Oral Radiology	1						1							
		Examination and Diagnosis	2						2							
		Dental Health	2						2							
		Practice of General Health and Dental Heaith	1								1					
		Practice of General Health and Dental Heaith	1								1					
		Dental Anesthesiology	2						2							
		Basic Seminar of Dental Anesthesiology	1						1							
		Endodontics	2						2							
		Operative Dentistry	2						2							

Fundamental subjects	Subjects of interdisciplinary dentistry	Basic Practice of Endodontics and Operative Dentistry	1					1				
		Basic Practice of Endodontics and Operative Dentistry	1					1				
		PeriodontologyI	1				1					
		PeriodontologyII	2				2					
		Basic Practice of Periodontics	1					1				
		Basic Practice of Periodontics	1					1				
		Stomatognathic Function	2				2					
		Prosthetic DentistryI	1				1					
		Prosthetic DentistryII	2				2					
		Removable ProsthodonticsI	2				2					
		Removable ProsthodonticsII	1				1					
		Oral Implantology	2					2				
		Basic Practice of Functional and Regenerative Oral Medicine	1					1				
		Basic Practice of Functional and Regenerative Oral Medicine	1					1				
		Basic Practice of Dental Prosthesis	1						1			
		Basic Practice of Dental Prosthesis	1						1			
		Practice of Prosthodontic Treatment for Edentulous Patients	1					1				
		Practice of Prosthodontic Treatment for Edentulous Patients	1					1				
		Practice of Prosthodontic Treatment for Partial Edentulous Patients	1						1			
		Practice of Prosthodontic Treatment for Partial Edentulous Patients	1						1			
		Oral & Maxillofacial Surgery I	2					2				
		Oral & Maxillofacial Surgery I	2					2				
		Oral & Maxillofacial Surgery II	2					2				
		Oral & Maxillofacial Surgery II	2					2				
		Basic Practice of Oral and Maxillofacial Medicine	1						1			
		Basic Practice of Oral and Maxillofacial Medicine	1						1			
		Basic Practice of Oral and Maxillofacial Medicine	1						1			
		Basic Practice of Oral and Maxillofacial Medicine	1						1			
		Orthodontics	2					2				
		OrthodonticsI	2					2				
		Basic Practice of Orthodontics	1						1			
		Basic Practice of Orthodontics	1						1			
		Pediatric Dentistry	2					2				
		Pediatric DentistryI	2					2				
		Basic Practice of Pediatric Dentistry	1						1			
		Basic Practice of Pediatric Dentistry	1						1			
		Dentistry for Persons with Disabilities	2					2				
		Lifestyle-related Dentistry /Geriatric Dentistry	2					2				
		Dysphagia Rehabilitation	1					1				
		Oral and Maxillofacial Topographic Anatomy	1						1			
		Oral and Maxillofacial Topographic Anatomy	1						1			
		General DentistryI	1						1			
	Community entistry	Public Health Administration	1		1							
		Environmental and Public Health	1			1						
		Social Dentistry	1				1					
		Social Welfare	1				1					
	Subjects of Dental	Research Start-Up	1			1						
		Topics in Denral Research	1				1					
		Topics in Denral Research	2				2					
Advanced subjects		English for Clinical Bio-Dentistry	2							2		
		International Future Dentistry with the Outcomes of Researches	1							1		
		Advanced Course in Functional and Regenerative Oral Medicine	1							1		
		Advanced Course in Applied Oral Biology and Medicine	1							1		
		Advanced Course in Oral and Maxillofacial Medicine	1							1		
		Advanced Course in Growth and Development of Occlusion	1							1		
		General Seminar on Clinical Dentistry	2							2		
		General DentistryII	1							1		
		General DentistryIII	1							1		
		Integrated lecture of basic and clinical dentistry	4							4		
		Emergency and Critical Care Medicine	1								1	
		Dental research ractices	8					2	4	2		

Subjects of clinical	Early Clinical Exposure	4		1	2		1	
	Clinical Practice	39					39	
Total		226	2 4 6	24 24 48	28 30 58	34 22 56	18 40 58	

indicates required subjects

Necessary credits for graduation :264credits

Liberal Arts Education Subjects		Specialized Education Subjects	
Peace Science Courses	2credits	Fundamental subjects	
Basic Courses in University Education	4credits	Basic Specialized Courses	12 credits
Common subjects		Subjects of life sciences	53 credits
Area Courses	8credits	Medical subjects	12 credits
Foreign Languages		Subjects of interdisciplinary de	74 credits
English	7credits	Community dentistry	4 credits
Non-English Foreign Languages	4credits	Subjects of Dental research	4 credits
Information Courses	2credits	Advanced subjects	24 credits
Health and Sports Courses	2credits	Subjects of clinical practice	
Foundation Courses	10credits	Early Clinical Exposure	4 credits
		Subjects of clinical practice	39 credits
Liberal Arts Education Subjects	39credits	Specialized Education Subjects	226 credits

Academic achievements of Program of International Dentistry

Relationships between the evaluation items and evaluation criteria

		Excellent	Very Good	Good
(1)	Knowledge & understanding of liberal arts including the humanities and natural sciences	Being able to correctly explain all contents of each subject, and develop them deepening the learning.	Being able to correctly explain all contents of each subject.	Being able to explain almost all contents of each subject.
(2)	Knowledge of the principles of medicine	Being able to correctly explain all contents of each subject, and develop them deepening the learning.	Being able to correctly explain all contents of each subject.	Being able to explain almost all contents of each subject.
(3)	Knowledge regarding basic and clinical dental medicine	Being able to correctly explain all contents of each subject, and develop them deepening the learning.	Being able to correctly explain all contents of each subject.	Being able to explain almost all contents of each subject.
(4)	Knowledge regarding related areas of medicine	Being able to correctly explain all contents of each subject, and develop them deepening the learning.	Being able to correctly explain all contents of each subject.	Being able to explain almost all contents of each subject.
(5)	Knowledge of life sciences	Being able to correctly explain all contents of each subject, and develop them deepening the learning.	Being able to correctly explain all contents of each subject.	Being able to explain almost all contents of each subject.
(6)	Knowledge & understanding of foreign languages and foreign cultures	Being able to correctly explain all contents of each subject, and develop them deepening the learning.	Being able to correctly explain all contents of each subject.	Being able to explain almost all contents of each subject.
(1)	Basic skills for prevention, examination, inspection, diagnosis, and treatment of diseases in areas of dental medicine	To attend hands-on training and other exercises with basic knowledge which is learned ahead of time. Also, participate proactively in these activities, intending to further develop studies. In addition, with regard to reports, to be able to consider phenomenon objectively and to have the ability to objectively assess future tasks.	To attend hands-on training with good attitudes. Also, to further develop what students learn in the training based on principles. In addition, to be able to consider phenomena subjectively in reports.	To be able to develop what students learn in hands-on training. Also, to attend these activities with good attitudes. Also, to be able to describe phenomena subjectively.
(2)	Basic skills required for conducting experiments and presentations	To attend hands-on training and other exercises with basic knowledge which is learned ahead of time. Also, participate proactively in these activities, intending to further develop studies. In addition, with regard to reports, to be able to consider phenomenon objectively and to have the ability to objectively assess future tasks.	To attend hands-on training with good attitudes. Also, to further develop what students learn in the training based on principles. In addition, to be able to consider phenomena subjectively in reports.	To be able to develop what students learn in hands-on training. Also, to attend these activities with good attitudes. Also, to be able to describe phenomena subjectively.
(3)	Skills for appropriately collecting, selecting, organizing, and presenting information regarding life science and dental medicine	Has sufficient capabilities, and finding and studying by himself/herself problems that need to be solved.	Has sufficient capabilities.	Has capabilities.
(1)	Rich humanity, understanding of professional responsibilities of a dentist, and general capabilities including basic knowledge, skills, and attitude required for putting such responsibilities into practice	Has sufficient capabilities for providing appropriate medical care as a dentist under supervision of a clinical instructor, and finding and studying by himself/herself problems that need to be solved.	Has sufficient capabilities for providing appropriate medical care as a dentist under supervision of a clinical instructor.	Has capabilities for providing appropriate medical care as a dentist under supervision of a clinical instructor.
(2)	Recognition of the importance of research, scientific intelligence, and creativity	Is capable of finding a problem related to life science that needs to be solved, and solving it using scientific methodologies.	Is capable of finding a problem related to life science that needs to be solved, and sufficiently explaining its importance and the process needed to solve it using scientific methodology.	Is capable of finding a problem related to life science that needs to be solved, and explaining its importance and the process needed to solve it using scientific methodology.
(3)	Ability to think critically, solve problems, and engage in lifelong learning	Is able to select and study an appropriate dental treatment by himself/herself based on scientific evidence.	Is able to sufficiently explain the importance and process of selecting and studying an appropriate dental treatment by himself/herself based on scientific evidence.	Is able to explain the importance and process of selecting and studying an appropriate dental treatment by himself/herself based on scientific evidence.
(4)	Skills for appropriately communicating with patients, their families, and other medical staff	Is capable of holistically communicating in a dignified manner with a patient and his/her family, and collaborating with medical staff, to establish an appropriate relationship of trust as a dentist.	Is sufficiently capable of holistically communicating in a dignified manner with a patient and his/her family, and collaborating with medical staff.	Is capable of holistically communicating in a dignified manner with a patient and his/her family, and collaborating with medical staff.
(5)	Ability fo			

Relationships between the evaluation items and class subjects

Subject type	Class Subject	No. of credits	Type of course registration	Semester	Evaluation items																														Total weighted values of evaluation items in the
					Knowledge and Understanding												Abilities and Skills						Comprehensive Abilities													
					(1)		(2)		(3)		(4)		(5)		(6)		(1)		(2)		(3)		(1)		(2)		(3)		(4)		(5)		(6)			
					Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	Weightedvalues of evaluation items	
Liberal Arts Education Subjects	Peace Science Courses	2	Required	3	50	1																	50	1											100
	Basic Courses in Universit	4	Required	1																	50	1					50	1							100
	Foreign Languages	11	Required	1-4											50	1																	50	1	100
	Information Courses	2	Required	1,2	50	1																									50	1			100
	Area Courses	8	Required	1,2					30	1			30	1									40	1											100
	Health and Sports Courses	2	Required	1,2	50	1																	50	1											100
	Foundation Courses	10	Required	1,2	50	1																	50	1											100
	Medical Ethics	1	Required	3			50	1															50	1											100
	Interpersonal Communication	1	Required	4																									100	1					100
	Health & Medical Communication	1	Required	4																									100	1					100
	Medical Informatics	2	Required	4			30	1													30	1	40	1											100
	Clinical Psychology	1	Required	5			30	1					30	1															40	1					100
	Team Care for Oral Health	1	Required	5			50	1																					50	1					100
	Practice of Biodental English	2	Required	5											50	1																	50	1	100
	Special Subject	1	Required	6			50	1															50	1											100
	Quality and Safety Management in Dentistry	1	Required	7			50	1															50	1											100
	Disaster Dentistry and Forensic Odontology	1	Required	8			50	1															50	1											100
	Gross Anatomy	2	Required	1					30	1			30	1									40	1											100
	Basic Practice of Anatomy	2	Required	2					25	1			25	1					25	1			25	1											100
	Basic Practice of Anatomy	2	Required	2					25	1			25	1					25	1			25	1											100
	Embryology	2	Required	3					30	1			30	1									40	1											100
	Oral Histology	2	Required	3					30	1			30	1									40	1											100
	Basic Practice of Histology	1	Required	3					25	1			25	1					25	1			25	1											100
	Basic Practice of Histology	1	Required	3					25	1			25	1					25	1			25	1											100
	Oral Anatomy	1	Required	3					30	1			30	1									40	1											100
	Practice on Oral Anatomy	1	Required	3					25	1			25	1					25	1			25	1											100
	Oral Anatomy	1	Required	3					30	1			30	1									40	1											100
	Practice on Oral Anatomy	1	Required	3					25	1			25	1					25	1			25	1											100
	Human Genetics	2	Required	3					30	1			30	1									40	1											100
	Oral biochemistry	2	Required	3					30	1			30	1									40	1											100
	Oral biochemistry	2	Required	3					30	1			30	1									40	1											100
	Practice of Oral Biochemistry	1	Required	4					25	1			25	1					25	1			25	1											100
	Oral Physiology	2	Required	3					30	1			30	1									40	1											100
	Oral Physiology	2	Required	3					30	1			30	1									40	1											100
	Laboratory Work in Oral Physiology	1	Required	4					25	1			25	1					25	1			25	1											100
	Dental Materials and Devices	1	Required	3					30	1			30	1									40	1											100
	Dental Materials and Devices	2	Required	3					30	1			30	1									40	1											100
	Dental Materials and Devices Practice	1	Required	4					25	1			25	1					25	1			25	1											100
	Dental Materials and Devices Practice	1	Required	4					25	1			25	1					25	1			25	1											100
	Microbiology	2	Required	4					30	1			30	1									40	1											100
	Microbiology	2	Required	4					30	1			30	1									40	1											100
	Immunology	2	Required	4					30	1			30	1									40	1											100
	Basic technique for microbiology & immunology	1	Required	5					25	1			25	1					25	1			25	1											100
	Dental Pharmacology	2	Required	4					30	1			30	1									40	1											100
	Dental Pharmacology	2	Required	4					30	1			30	1									40	1											100
	Practice of Pharmacology	1	Required	5					25	1			25	1					25	1			25	1											100
	Basic Oral Pathology	2	Required	4					30	1			30	1									40	1											100
	Basic Oral Pathology	2	Required	4					30	1			30	1									40	1											100
	Slide Practice for Oral Pathology	1	Required	5					25	1			25	1					25	1			25	1											100
	Slide Practice for Oral Pathology	1	Required	5					25	1			25	1					25	1			25	1											100
	Molecular Biology in Medicine	2	Required	5					30	1			30	1									40	1											100
	Radiation Biology & Radiation Health Risk	2	Required	5							30	1	30	1									40	1											100
	Internal Medicine I	2	Required	5							30	1	30	1									40	1											100
	Internal Medicine	2	Required	5							30	1	30	1									40	1											100
	Surgery I	2	Required	5							30	1	30	1									40	1											100
	Surgery II	1	Required	5							30	1	30	1									40	1											100
	Ophthalmology	1	Required	5							30	1	30	1									40	1											100
	Otorhinology	1	Required	5							30	1	30	1									40	1											100

					Evaluation items																														Total weighted values
					Knowledge and Understanding													Abilities and Skills						Comprehensive Abilities												
			Type of		(1)		(2)		(3)		(4)		(5)		(6)			(1)		(2)		(3)		(1)		(2)		(3)		(4)		(5)		(6)		
	Dermatology	1	Required	5							30	1	30	1									40	1											100
	Psychiatry	1	Required	5							30	1	30	1									40	1											100
	Pediatrics	1	Required	5							30	1	30	1									40	1											100
	Oral Radiology	1	Required	5					30	1			30	1									40	1											100
	Oral Radiology	2	Required	6					30	1			30	1									40	1											100
	Basic Seminar of Oral Radiology	1	Required	6					25	1			25	1			25	1					25	1											100
	Examination and Diagnosis	2	Required	6					30	1			30	1									40	1											100
	Dental Health	2	Required	6					30	1			30	1									40	1											100
	Practice of General Health and Dental Health	1	Required	8					25	1			25	1			25	1					25	1											100
	Practice of General Health and Dental Health	1	Required	8					25	1			25	1			25	1					25	1											100
	Dental Anesthesiology	2	Required	6					30	1			30	1									40	1											100
	Basic Seminar of Dental Anesthesiology	1	Required	6					25	1			25	1			25	1					25	1											100
	Endodontics	2	Required	6					30	1			30	1									40	1											100
	Operative Dentistry	2	Required	6					30	1			30	1									40	1											100
	~~Basic Practice of Endodontics and~~	1	Required	7					25	1			25	1			25	1					25	1											100
	~~Basic Practice of Endodontics and~~	1	Required	7					25	1			25	1			25	1					25	1											100
Specialized Education	PeriodontologyI	1	Required	6					30	1			30	1									40	1											100
	PeriodontologyII	2	Required	6					30	1			30	1									40	1											100
	Basic Practice of Periodontics	1	Required	7					25	1			25	1			25	1					25	1											100
	Basic Practice of Periodontics	1	Required	7					25	1			25	1			25	1					25	1											100
	Stomatognathic Function	2	Required	6					30	1			30	1									40	1											100
	Prosthetic DentistryI	1	Required	6					30	1			30	1									40	1											100
	Prosthetic DentistryII	2	Required	6					30	1			30	1									40	1											100
	Removable ProsthodonticsI	2	Required	6					30	1			30	1									40	1											100
	Removable ProsthodonticsII	1	Required	6					30	1			30	1									40	1											100
	Oral Implantology	2	Required	7					30	1			30	1									40	1											100
	Basic Practice of Functional and	1	Required	7					25	1			25	1			25	1					25	1											100
	Basic Practice of Functional and	1	Required	7					25	1			25	1			25	1					25	1											100
	Basic Practice of Dental Prosthesis	1	Required	8					25	1			25	1			25	1					25	1											100
	Basic Practice of Dental Prosthesis	1	Required	8					25	1			25	1			25	1					25	1											100
	Practice of Prosthodontic Treatment for Edentulous	1	Required	7					25	1			25	1			25	1					25	1											100
	Practice of Prosthodontic Treatment for Edentulous	1	Required	7					25	1			25	1			25	1					25	1											100
	Practice of Prosthodontic Treatment for Partial	1	Required	8					25	1			25	1			25	1					25	1											100
	Practice of Prosthodontic Treatment for Partial	1	Required	8					25	1			25	1			25	1					25	1											100
	Oral & Maxillofacial Surgery I	2	Required	7					30	1			30	1									40	1											100
	Oral & Maxillofacial Surgery I	2	Required	7					30	1			30	1									40	1											100
	Oral & Maxillofacial Surgery II	2	Required	7					30	1			30	1									40	1											100
	Oral & Maxillofacial Surgery II	2	Required	7					30	1			30	1									40	1											100
	Basic Practice of Oral and Maxillofacial Medicine	1	Required	8					25	1			25	1			25	1					25	1											100
	Basic Practice of Oral and Maxillofacial Medicine	1	Required	8					25	1			25	1			25	1					25	1											100
	Basic Practice of Oral and Maxillofacial Medicine	1	Required	8					25	1			25	1			25	1					25	1											100
	Basic Practice of Oral and Maxillofacial Medicine	1	Required	8					25	1			25	1			25	1					25	1											100
	Orthodontics	2	Required	7					30	1			30	1									40	1											100
	OrthodonticsI	2	Required	7					30	1			30	1									40	1											100
	Basic Practice of Orthodontics	1	Required	8					25	1			25	1			25	1					25	1											100
	Basic Practice of Orthodontics	1	Required	8					25	1			25	1			25	1					25	1											100
	Pediatric Dentistry	2	Required	7					30	1			30	1									40	1											100
	Pediatric DentistryI	2	Required	7					30	1			30	1									40	1											100
	Basic Practice of Pediatric Dentistry	1	Required	8					25	1			25	1			25	1					25	1											100
	Basic Practice of Pediatric Dentistry	1	Required	8					25	1			25	1			25	1					25	1											100
	Dentistry for Persons with Disabilities	2	Required	7					30	1			30	1									40	1											100
	Lifestyle-related Dentistry /Geriatric Dentistry	2	Required	7					30	1			30	1									40	1											100
	Dysphagia Rehabilitation	1	Required	7					30	1			30	1									40	1											100
	Oral and Maxillofacial Topographic Anatomy	1	Required	8					25	1			25	1			25	1					25	1											100
	Oral and Maxillofacial Topographic Anatomy	1	Required	8					25	1			25	1			25	1					25	1											100
	General DentistryI	1	Required	8					30	1			30	1									40	1											100
	Public Health Administration	1	Required	3					30	1			30	1									40	1											100
	Environmental and Public Health	1	Required	4					30	1			30	1									40	1											100
	Social Dentistry	1	Required	6					30	1			30	1									40	1											100
	Social Welfare	1	Required	6					30	1			30	1									40	1											100

			Type of		Evaluation items																								Total weighted values
					Knowledge and Understanding												Abilities and Skills						Comprehensive Abilities												
					(1)		(2)		(3)		(4)		(5)		(6)		(1)		(2)		(3)		(1)		(2)		(3)		(4)		(5)		(6)		
	Research Start-Up	1	Required	4					30	1			30	1											40	1								100
	Topics in Denral Research	1	Required	5					30	1			30	1											40	1								100
	Topics in Denral Research	2	Required	5					30	1			30	1											40	1								100
	English for Clinical Bio-Dentistry	2	Required	9											30	1			30	1													40	1	100
	International Future Dentistry with the Outcomes of Researches	1	Required	9					30	1			30	1																			40	1	100
	Advanced Course in Functional and Regenerative Oral Medicine	1	Required	9					30	1			30	1									40	1											100
	Advanced Course in Applied Oral Biology and Medicine	1	Required	9					30	1			30	1									40	1											100
	Advanced Course in Oral and Maxillofacial Medicine	1	Required	9					30	1			30	1									40	1											100
	Advanced Course in Growth and Development of Occlusion	1	Required	9					30	1			30	1									40	1											100
	General Seminar on Clinical Dentistry	2	Required	9					30	1			30	1									40	1											100
	General DentistryII	1	Required	9													30	1					30	1					40	1					100
	General DentistryIII	1	Required	9													30	1					30	1					40	1					100
	Integrated lecture of basic and clinical dentistry	4	Required	9			15	1	15	1	15	1	15	1									20	1			20	1							100
	Emergency and Critical Care Medicine	1	Required	5							30	1	30	1									40	1											100
	Dental Research Prac	8	Required	7-9					15	1			15	1					15	1	15	1			20	1	20	1							100
	Early Clinical Exposure	4	Required	3, 6, 9			25	1	25	1							25	1					25	1											100
	Clinical Practice	39	Required	9-12													10	1			10	1	15	1	10	1	15	1	15	1	15	1	10	1	100

term
term
term
term
term
term
term
term
Basic Courses in University Education

Curriculum Map of (

Academic achievements	Evaluation items	grade	term	term	grade	term	term	term	term	term	term
Knowledge and Understanding	Knowledge & understanding of liberal arts including the humanities and natural sciences										
	[redacted]		Practice of Biodental English								
	[redacted]		Team Care for Oral Health			Special Subject				Disaster Dentistry and Forensic Odontology(◎)	
	[redacted]		Practice of Pharmacology	Slide Practice for Oral Pathc	Operative Dentistry	Endodontics	Orthodontics	OrthodonticsI	Practice of Prosthodontic Treatment for Parti	General DentistryI	
			Basic technique for microbiology & in	Team Care for Oral Health(◎)	Removable ProsthodonticsI	Removable ProsthodonticsII	Pediatric Dentistry	Pediatric DentistryI	Basic Practice of Dental Prosthesis	Practice of Prosthodontic Treatment for Parti	
			Slide Practice for Oral Pathology	Oral Radiology	Prosthetic DentistryI	Prosthetic DentistryII	Oral & Maxillofacial Surgery I	Oral & Maxillofacial Surgery I	Basic Practice of Oral and Maxillofacial Medic	Basic Practice of Dental Prosthesis	
			Clinical Psychology		PeriodontologyI	PeriodontologyII	Oral & Maxillofacial Surgery II	Oral & Maxillofacial Surgery II	Basic Practice of Oral and Maxillofacial Medic	Basic Practice of Oral and Maxillofacial Medic	
					Basic Seminar of Oral Radiology	Basic Seminar of Dental Anesthesiology	Basic Practice of Endodontics and Operative	Basic Practice of Endodontics and Operative	Basic Practice of Orthodontics	Basic Practice of Oral and Maxillofacial Medic	
			[redacted]		Dental Anesthesiology	Special Subject	Basic Practice of Functional and Regenerativ	Basic Practice of Functional and Regenerativ	Basic Practice of Pediatric Dentistry	Basic Practice of Orthodontics	
					Stomatognathic Function	Soci al Wel f are	Practice of Prosthodontic Treatment for Ede	Practice of Prosthodontic Treatment for Ede	Dysphagia Rehabilitation	Basic Practice of Pediatric Dentistry	
					Dental Health		Basic Practice of Periodontics	Basic Practice of Periodontics	Practice of General Health and Dental Heaith		
					Oral Radiology		Oral Implantology	Lifestyle-related Dentistry /Geriatric Dentistr	Disaster Dentistry and Forensic Odontology(◎)	Practice of General Health and Dental Heaith	
					Examination and Diagnosis		Quality and Safety Management in Dentistry	Dentistry for Persons with Disabilities			
	[redacted]		Radiation Biology & Radiation Health Risk Sciences		Early Clinical Exposure						
			Molecular Biology in Medicine			Social Dentistry					
			Topics in Denral Research	Topics in Denral Research							
	[redacted]		Internal Medicine I				Dental Research Practices	Dental Research Practices	Dental Research Practices	Dental Research Practices	
			Internal Medicine								
			Surgery I								
			Dermatology	Surgery II							
			Psychiatry	Pediatrics							
			Ophthalmology	Otorhinology							
			ergency and Critical Care Medicine								
Abilities and Skills	[redacted]		Practice of Pharmacology		Early Clinical Exposure		Dental Research Practices	Dental Research Practices	Dental Research Practices	Dental Research Practices	
			Basic technique for microbiology & immunology						Oral and Maxillofacial Topographic Anatomy	Oral and Maxillofacial Topographic Anatomy	
			Slide Practice for Oral Pathology	Slide Practice for Oral Pathology							
	[redacted]								Practice of General Health and Dental Heaith	Practice of General Health and Dental Heaith	
							Dental Research Practices	Dental Research Practices	Dental Research Practices	Dental Research Practices	
	[redacted]				Early Clinical Exposure		Basic Practice of Endodontics and Operative	Basic Practice of Endodontics and Operative	Practice of Prosthodontic Treatment for Parti	Practice of Prosthodontic Treatment for Parti	
					Basic Seminar of Oral Radiology	Basic Seminar of Dental Anesthesiology	Basic Practice of Functional and Regenerativ	Basic Practice of Functional and Regenerativ	Basic Practice of Dental Prosthesis	Basic Practice of Dental Prosthesis	
							Practice of Prosthodontic Treatment for Ede	Practice of Prosthodontic Treatment for Edentulous Patients		General DentistryI	
			Practice of Biodental English				Basic Practice of Periodontics	Basic Practice of Periodontics	Basic Practice of Oral and Maxillofacial Medic	Basic Practice of Oral and Maxillofacial Medic	
									Basic Practice of Oral and Maxillofacial Medic	Basic Practice of Oral and Maxillofacial Medic	
									Basic Practice of Orthodontics	Basic Practice of Orthodontics	
									Basic Practice of Pediatric Dentistry	Basic Practice of Pediatric Dentistry	
									Practice of General Health and Dental Heaith	Practice of General Health and Dental Heaith	
Comprehensive Ability	[redacted]										
	solve problems, and engage in lifelong learning										
	Skills for appropriately communicating with patients, their families, and other medical staff										
	Ability for coping with change in society and progress in science related to dental medicine										
	Capabilities for coexisting and cooperating with persons from various cultures and regions, and for international communication										

Curriculum Map of

		Academic achievements	grade			grade			
		Evaluation items	term	term	term	term	term	term	term	term
Knowledge and Understanding	Knowledge & understanding of liberal arts including the humanities and natural sciences									
	[illegible]		English for Clinical Bio-Dentistry							
	[illegible]		International Future Dentistry with the Outcomes of Researches							
	[illegible]				Clinical Practice					
	[illegible]		International Future Dentis	Advanced Course in Applied Ora	Clinical Practice					
	[illegible]		al Edentulous Patients	Advanced Course in Functional and Regenerative Oral Medicine						
	[illegible]			General DentistryII						
	[illegible]		ine	General DentistryIII						
	[illegible]		ine	Advanced Course in Oral and Maxillofacial Medicine						
	[illegible]			Advanced Course in Growth and Development of Occlusion						
	[illegible]			General Seminar on Clinical Dentistry						
	[illegible]			Integrated lecture of basic and clinical dentistry						
	[illegible]		International Future Dentis	Integrated lecture of basic and	Clinical Practice					
	[illegible]		Dental Research Practices	Dental Research Practices	Clinical Practice					
	[illegible]									
Abilities and Skills	[illegible]		Dental Research Practices	Dental Research Practices	Clinical Practice					
	[illegible]		English for Clinical Bio-Dent	General Seminar on Clinical Den	Clinical Practice					
	[illegible]		Dental Research Practices	Dental Research Practices						
	[illegible]		al Edentulous Patients	General DentistryII	Clinical Practice					
	[illegible]			General DentistryIII						
	[illegible]		Early Clinical Exposure							
	[illegible]		ine							
	[illegible]		ine							
Comprehensive Abilities	Rich humanity, understanding of professional responsibilities of a dentist, and general capabilities including basic knowledge, skills, and attitude required for putting such responsibilities into practice				Clinical Practice					
	Recognition of the importance of research, scientific intelligence, and creativity				Clinical Practice					
	Ability to think critically, solve problems, and engage in lifelong learning			Advanced Course in Applied Ora	Clinical Practice					
				Advanced Course in Functional and Regenerative Oral Medicine						
				Advanced Course in Oral and Maxillofacial Medicine						
				Advanced Course in Growth and Development of Occlusion						
				General Seminar on Clinical Dentistry						
	Skills for appropriately communicating with patients, their families, and other medical staff				Clinical Practice					
	Ability for coping with change in society and progress in science related to dental medicine			Advanced Course in Applied Ora	Clinical Practice					
				Advanced Course in Functional and Regenerative Oral Medicine						
				Advanced Course in Oral and Maxillofacial Medicine						
				Advanced Course in Growth and Development of Occlusion						
	Capabilities for coexisting and cooperating with persons from various cultures and regions, and for international communication		English for Clinical Bio-Dentistry							

name	Position	Laboratory name	tel	mail
YOSHIKO YUJI	Professor	Calcified Tissue Biology	5620	yyuji@hiroshima-u.ac.jp
MINAMIZAKI TOMOKO	Assistant Professor	Calcified Tissue Biology	5621	tatsu3@hiroshima-u.ac.jp
TERAYAMA RYUJI	Professor	Maxillofacial Anatomy and Neuroscience	5623	ryujit@hiroshima-u.ac.jp
SUGITA MAKOTO	Professor	Physiology and Oral Physiology	5626	sugisan@hiroshima-u.ac.jp
KITAGAWA MITINORI	Assistant Professor	Physiology and Oral Physiology	5626	ktgw@hiroshima-u.ac.jp
SHUKUNAMI CHISA	Professor	Molecular Biology and Biochemistry	5628	shukunam@hiroshima-u.ac.jp
FUJIMOTO KATSUMI				

Faculty member list

name	Position	Laboratory name	tel	mail
KAKU MASATO	Associate Professor or Lecturer	Division of Oral Health and Development	6268	mkaku@hiroshima-u.ac.jp
KUNIMATSU RYO	Associate Professor or Lecturer	Division of Oral Health and Development	5686	ryoukunimatu@hiroshima-u.ac.jp
YOSHIMI YUKI	Assistant Professor（Hospital）	Division of Oral Health and Development	6268	yukimihsoy@hiroshima-u.ac.jp
KAIHARA YASUTAKA	Assistant Professor	Division of Oral Health and Development	5696	kaihara@hiroshima-u.ac.jp
TACHIKAKE MEIKO	Assistant Professor（Hospital）	Division of Oral Health and Development	5696	meikosan@hiroshima-u.ac.jp
OKADA　YOSHIYUKI	Professor	Division of Oral Health and Development	5753	okay@hiroshima-u.ac.jp
ODA YUKI	Assistant Professor（Hospital）	Division of Oral Health and Development	3103	ykado@hiroshima-u.ac.jp
SUZUKI SHIGEKI	Associate Professor or Lecturer	Division of Preventive and Restorative Dentistry	5656	suzukis@hiroshima-u.ac.jp
SHINDO SATORU	Assistant Professor	Division of Preventive and Restorative Dentistry	5656	sshindo@hiroshima-u.ac.jp
MIZUNO NORIYOSHI	Associate Professor or Lecturer	Division of Preventive and Restorative Dentistry	5661	mizuno@hiroshima-u.ac.jp
IWATA TOMOYUKI	Assistant Professor	Division of Preventive and Restorative Dentistry	5661	iwatat@hiroshima-u.ac.jp
MATSUDA SHINJI	Assistant Professor（Hospital）	Division of Preventive and Restorative Dentistry	5661	matsudas@hiroshima-u.ac.jp
KUREMOTO KOH-ICHI	Associate Professor or Lecturer	Division of Preventive and Restorative Dentistry	5683	kuremoto@hiroshima-u.ac.jp
KUBO TAKAYASU	Associate Professor or Lecturer	Division of Preventive and Restorative Dentistry	5676	kubocky@hiroshima-u.ac.jp
OKAZAKI YOHEI	Assistant Professor	Division of Preventive and Restorative Dentistry	5677	okazaki-yoh@hiroshima-u.ac.jp
OKADA SHINSUKE	Assistant Professor（Hospital）	Division of Preventive and Restorative Dentistry	5677	shinsuke0517@hiroshima-u.ac.jp
ABEKURA HITOSHI	Associate Professor or Lecturer	Division of Preventive and Restorative Dentistry	5682	abekura@hiroshima-u.ac.jp
MORITA KOJI	Assistant Professor	Division of Preventive and Restorative Dentistry	5677	moritak@hiroshima-u.ac.jp
TSUKA HIROKI	Assistant Professor（Hospital）	Division of Preventive and Restorative Dentistry	5677	tsuka311@hiroshima-u.ac.jp
HAYASHIDOU YASUTAKA	Associate Professor or Lecturer	Division of Oral and Maxillofacial Surgery and Oral Medicine	5668	hayashiy@hiroshima-u.ac.jp
KANDA TAKU	Assistant Professor	Division of Oral and Maxillofacial Surgery and Oral Medicine	5668	kantaku@hiroshima-u.ac.jp
TANI RYOUJI	Assistant Professor	Division of Oral and Maxillofacial Surgery and Oral Medicine	5668	ryouji@hiroshima-u.ac.jp
SAKAUE TAISHI	Assistant Professor（Hospital）	Division of Oral and Maxillofacial Surgery and Oral Medicine	5668	taishisakaue@hiroshima-u.ac.jp
YAMASAKI SACHIKO	Assistant Professor（Hospital）	Division of Oral and Maxillofacial Surgery and Oral Medicine	5668	sayamasaki@hiroshima-u.ac.jp
HIGASHIKAWA KOICHIRO	Associate Professor or Lecturer	Division of Oral and Maxillofacial Surgery and Oral Medicine	5673	khigashi@hiroshima-u.ac.jp
OOTA KOUJI	Assistant Professor	Division of Oral and Maxillofacial Surgery and Oral Medicine	5673	otkouji@hiroshima-u.ac.jp
SHIMASUE HIROSHI	Assistant Professor	Division of Oral and Maxillofacial Surgery and Oral Medicine	5673	hiro30@hiroshima-u.ac.jp
NINOMIYA YOSHIAKI	Assistant Professor	Division of Oral and Maxillofacial Surgery and Oral Medicine	5673	yn@hiroshima-u.ac.jp
FUKUI AKIKO	Assistant Professor	Division of Oral and Maxillofacial Surgery and Oral Medicine	5673	fukuko-fukufuku@hiroshima-u.ac.jp
SUEI YOSHIKAZU	Associate Professor or Lecturer	Division of Oral and Maxillofacial Surgery and Oral Medicine	5693	suei@hiroshima-u.ac.jp
NAKAMOTO TAKASHI	Associate Professor or Lecturer	Division of Oral and Maxillofacial Surgery and Oral Medicine	5693	tnk@hiroshima-u.ac.jp
KONISHI MASARU	Assistant Professor（Hospital）	Division of Oral and Maxillofacial Surgery and Oral Medicine	5693	mkonishi@hiroshima-u.ac.jp
YOSHIDA MITSUHIRO	Associate Professor or Lecturer	Division of Oral and Maxillofacial Surgery and Oral Medicine	5733	mh-yoshida@hiroshima-u.ac.jp
YOSHIDA KEITA	Assistant Professor（Hospital）	Division of Oral and Maxillofacial Surgery and Oral Medicine	5733	nori9015@hiroshima-u.ac.jp
YASUHARA YUKIMI	Assistant Professor（Hospital）		5729	yasuhara@hiroshima-u.ac.jp
KITAGAWA MASAE	Assistant Professor	Center for Oral Clinical Examination	5726	mhiraoka@hiroshima-u.ac.jp
SHINTANI TOMOAKI	Assistant Professor	Center for Oral Clinical Examination	5726	tshintan@hiroshima-u.ac.jp
OGAWA IKUKO	Associate Professor or Lecturer	Center for Oral Clinical Examination	5726	dlabo@hiroshima-u.ac.jp
TANAKA TAKESHI	Assistant Professor		5273	tanakat@hiroshima-u.ac.jp