For entrants in FY 2019

Appended Form 1

Specifications for Major Program

Name of School (Program) [School of Dentistry, Program of Oral Health Sciences]

Program name (Japanese)	口腔保健学プログラム
(English)	Program of Oral Health Science

1. Degree to be obtained: Bachelor of Oral Health Sciences

2. Overview

The Program for Oral Health Science provides two courses (Course of Oral Science and Course of Oral Engineering) to educate students to become researchers, educators, or highly advanced medical staff in the area of oral health sciences while liaising with other areas such as medicine, engineering, and nursing in a manner based on scientific evidence. The Course of Oral Science educates medical care staff in fields of highly advanced oral healthcare, and researchers and educators in areas related to the work of dental hygienists. In addition, students who wish to are enabled to obtain the type 1 license for school nurses in order to develop as members of dental medical staff who can work in the area of school health.

- 3. Diploma policy (policy for awarding degrees and goal of the program)

 Course of Oral Science educates students to be able to work in the positions related to oral healthcare and school health listed below:
- · Medical staff in fields of highly advanced oral health care
- · Researchers and educators in areas related to the work of dental hygienists.
- Dental medical care staff who can work in the field of school health with the type 1 license for school nurses

Based on the aims above, this program will award the degree of bachelor of oral health sciences to students who have acquired the capabilities described below and earned the required credits for the educational course.

- (1) The ability to integrate and exercise comprehensive knowledge and skills related to basic intelligence, basic dental medicine, clinical dental medicine, specialized subjects for dental hygienists, and adjacent medicine;
- (2) A capability for establishing a good relationship with patients and staff and contributing to patient-oriented team dental medicine;
- (3) The ability to apply state-of-the-art knowledge, educational skills,

information collection skills, problem solving abilities, research capability, ethical thinking abilities, and an ability for lifelong study, in order to take a leading role in research in oral healthcare, education of dental hygienists, and clinical fields; and

- (4) The knowledge, skills, and attitude required of a school nurse who works for school health with expertise in the area of dentistry.
- 1. Curriculum policy (policy for arranging and executing education courses)
 To enable students to achieve the targets that are defined for the Course of Oral
 Science, the educational courses are organized and executed according to the
 following policies:
- (1) In the first year, students study liberal arts subjects, together with students in other schools, in order to acquire a wide-ranging intelligence and establish the intellectual foundation required for dental medical staff. In addition to this, through PBL (Problem Based Learning) in the liberal arts seminars, students also acquire the basic attitude, skills, and knowledge required for self-disciplined study. Furthermore, they acquire fundamental knowledge regarding specialized areas in order to establish the foundation for enhancing professional knowledge and skills.
- (2) From the second to the fourth year, students study specialized subjects to acquire expertise and specialized skills. The specialized subjects include not only those related to oral health care but also those regarding basic sciences such as life science, dentistry, and adjacent medicine.
- (3) In the third and fourth terms of the third year and in the fourth year, students take the subject "Clinical practice on oral health" to practice the specialized knowledge and skills that they have acquired up to that time in a clinical field. Students are expected to learn, through the practice, skills and knowledge regarding specialized dental medicine, general dental medicine, and team medicine, and to acquire communication abilities, the normative awareness and manner required of medical staff, social skills, a cooperative mindset, and sound judgment.
- (4) Students who choose the school nursing course take the subject "Yogo teacher practicum" to foster such things as a vocation for working as a school nurse, compassion in education, and the interpersonal relationship skills required for an educator in the field of school health.
- (5) In the third and fourth terms of the third year and in the fourth year, students take the subject "Special Study for Graduation" to join cutting-edge research activities in which the faculty is engaged, or to identify a problem regarding oral

health science by themselves and conduct the research to solve it. They are expected to acquire information gathering skills, problem solving abilities, research capability, and logical thinking skills through this process.

(6) This course provides a bio-dental education program that aims to educate students to foster their scientific, inquiring mind and acquire advanced scholarship and medical techniques that make them capable of cooperating with experts in various professions.

Academic achievement is evaluated based on the grade scores for the subjects and the achievement level against the target defined for each educational program.

5. Start time and acceptance conditions

In the first year (when the student enters the university)

In the Program for Oral Health Science, the entrance examination is held for each course. This course is organized only for students who enter the Course of Oral Science in the Program for Oral Health Science in the School of Dentistry.

6. Obtainable qualification

(2) Awarded qualification

Qualification for the national examination for dental hygienists (awarded when the student graduates.)

Students who have earned the credits specified separately are eligible to be awarded the type 1 license for school nurses.

2. Class subjects and their contents

Refer to Attachment 3.

- * For the class subjects, refer to the subject table in Attached Sheet 1.
- * For the details of the class subjects, refer to the syllabus that is published each academic year.

3. Academic Achievement

The evaluation criteria are specified for each evaluation item for academic achievement, and the achievement level against the criteria is designated at the end of the semester.

The evaluation score for each evaluation item is converted to a numerical value $(S=4,\ A=3,\ B=2,\ and\ C=1)$ and the evaluation standard for academic achievement, from the time the student entered the university to the end of the last semester, is determined using these values while applying weightings. The evaluation standards consist of three levels, i.e. Excellent, Very Good, and Good.

Achievement evaluation	Numerical co	onversion
S (Excellent: 90 or more poin	ts) 4	
A (Very good: 80 - 89 points)	3	3
B (Good: 70 - 79 points)	2	2
C (Passed: 60 - 69 points)	1	
Academic Achievement	Evaluation s	tandard
Excellent	3.00 - 4.	. 00
Very Good	2.00 - 2.	99
Good	1.00 - 1.	. 99

*Refer to the relationship between evaluation items and evaluation criteria described in Attached Sheet 2.

- * Refer to the relationship between evaluation items and class subjects described in Attached Sheet 3.
- * Refer to the curriculum map in Attached Sheet 4.

Study achievement in the course (specific knowledge, skills, and attitudes that students can obtain)

- Knowledge & understanding
- 1. Knowledge and understanding related to liberal arts, such as human and natural sciences
- 2. Knowledge and understanding related to foreign languages and culture
- 3. Knowledge and understanding related to principles of medicine
- 4. Knowledge and understanding related to the basic attitude required for dental medical staff
- 5. Knowledge and understanding related to the structure and function of the whole human body, teeth, and mouth
- 6. Knowledge and understanding related to disease processes and promotion of recovery processes
- 7. Knowledge and understanding of the mechanisms of human beings and society related to teeth, oral health, and disease prevention
- 8. Knowledge and understanding related to the specialized fields of dental hygienists (prevention of dental disease, assistance in dental treatment, and instruction for dental health care)
- 9. Knowledge and understanding related to school health

- O Abilities & skills
- 1. Abilities, skills, and attitude for communication as a dental medical staff
- 2. Abilities and skills for gathering and selecting, logically organizing, and presenting information
- 3. Abilities and basic skills required to practically apply techniques in the specialized fields of dental hygienists (prevention of dental disease, assistance in dental treatment, and instruction for dental health care)
- 4. Abilities and basic skills required for problem identification, research planning and promotion, results analysis, and presentation of results in a field related to oral health science
- 5. Abilities and basic skills required for working in the field of school health
 - O Comprehensive capability
- 1. Comprehensive capability for studying for one's whole life as a member of dental medical staff
- 2. Comprehensive capability that is basically required for prevention of dental disease, assistance in dental treatment, and instruction for dental healthcare in team dental medicine
- 3. Comprehensive capability, skills, and attitude fundamentally required for working in the field of school health
- 9. Graduation thesis (graduation research) (meaning, student allocation, timing, etc.)

Students are required to prepare their graduation theses.

① Meaning

Students join cutting-edge research activities in which the faculty is engaged, or identify a problem regarding oral health science by themselves and conduct the research to solve it. They are expected to acquire information collection skills, problem solving abilities, research capability, and of logical thinking abilities through this process.

② Student allocation method and timing

Students are allocated to a laboratory in the second semester of the third year. Although the allocation method is separately defined, much importance is attached to the wishes of the student.

10. Responsibility

The dental department headquarters council and the faculty council of the School

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

⟨Program of Oral Health Sciences. Course of Oral Science⟩

Type			Subject t	ype	Required No. of credits	Class Subject	No. of credits	Type of course registration	Term in which the subject is taken (※1)
			ace Science		2		2	Elective/ required	2nd grade 2 term
	Basic Courses in University Education		troduction to Educa	tion	2	Introduction to University Education	2	Required	1 term
	Basic C in Univ Fduc	Ir	ntroductory : First-Year		2	Introductory Seminar for First-Year Students	2	Required	1 term
					4	More than 2 subjects and 4 credit from Courses in Arts and Humanities/Social Sciences	1or2	Elective/ required	1, 3 term
			Area Co	ourses	2	General Health and Oral Sciences I	2	Required	2 term
					2	General Health and Oral Sciences II	2	Required	4 term
				Basic English	2	Basic English Usage I	1	· Required -	Intensive lecture
				Usage	2	Basic English Usage II	1	Nequired	Intensive lecture
	Subjects	ages	English	Communication	2	Communication IA	1	Required	1, 2 term
		Languages	(※2)	I	2	Communication IB	1	Nequired	i, z term
ects	Common	ign L		Communication	2	Communication IIA	1	Required	3, 4 term
Subj	Con	Foreign I		II	2	Communication IIB	1	Nequired	o, 4 term
Education Subjects				ish Foreign guages	4	Foreign Languages: Basic Studies I, II	1	Elective/	1, 2 term
∃duc≀			(Choose 1 langu	uage from German, Chinese)	4	Foreign Languages: Basic Studies III, IV	1	required	3, 4 term
			Information	Courses	2	Elements of Information Literacy	2	Elective/ required -	1 term
Liberal Arts			Information	Odurses	2	Exercise in Information Literacy	2	(% 3)	3 term
Libe		Нє	ealth and Spo	orts Courses	2		1or2	Elective/ required	1~4 term
						Psychology for Medical Care Workers	2	Required (※4)	4 term
					4	Development of International Collaboration in Medical Science	2	Required	1term
						Foundation biology for life science(※5)	2		1 term
		F	oundation C	Courses	0	Cell Science	2	Elective/	3 term
					2	Anatomy for Understanding Human Being I	1	required	3 term
						Anatomy for Understanding Human Being II	1		4 term
					0	Basic Concepts of Chemistry	2	Elective/	2 term
					2	General Chemistry	2	required	2term
			Total		36				

- *1 :If there is no annual statement in the table, you should take it in the first year. If they have failed to earn the credit in the term, it is allowed to take the subject after the term. It is required to confirm the semester in which the subject is provided in the class schedule for liberal arts education subjects that is published every academic year, because some subjects might be provided in a term other than that which is shown in this document.
- *2: The credit for "Field Research in the English-speaking World" that is earned through such activities as a short-term study abroad, and that for "Online English Seminar I·II·III" that is earned through a program of self-study, are accepted as the credit for English required for graduation (8 credits).

 Achievement in a foreign language skill test and language training might be accepted as a credit. For the details, refer to the description regarding English subjects in liberal arts education and the item "Credit based on Achievement in Foreign Language Skill Test" in the Students Handbook.
- *3: It is required to take the subject "Elements of Information Literacy" that is provided in the first semester of the first year. Only when failing to earn the credit for "Elements of Information Literacy" is it allowed to take the subject "Exercise in Information Literacy" that is provided in the second semester.
- 3.4 : Only when failing to earn the credit for "Psychology for Medical Care Workers" can the credit for the subjects "Psychology A" or "Psychology B" be accepted as that for the information subjects required for graduation (2 credits).
- ※5: The subjects for which the credit is required to be earned are specified in the School of Dentistry. The credit for any subject that is not specified is not accepted as the credit required for graduation.
- 36 : Students who want to obtain the license for school nurses are required to refer to "Subjects required for license for school nurse."

<Program of Oral Health Sciences Course of Oral Science>

				Minimum	mber	of ne	ecessa	ary cre	edits	by yea	ar and	d sem	
Subje			Class Subject	No. of				grade					
type	е			credits required	1	2	3		5		7	8	
T		0	Anatomy	2	2			-		Ŭ	•	Ü	
		0	Oral Anatomy	2			2						
		0	Practice on Oral Anatomy	1			1						
		0	Histology and Oral Histology	2			2						
		0	Physiology and Oral Physiology	2		2	_						
				2			2						
		0	Pharmacology and Dental Pharmacology	2			2						
	ß	0	Microbiology and Oral Microbiology	2			2						
	Courses	0	Immunology	1			1						
	Jou	0	Practice on Basic Dental Sciences	1			1	1					
) pe	0	Oral Health	2				2					
	Specialized												
	ial	0	Practicum of Oral Health	1				1					
	pec	0	Dental Statistics	1				1					
		0	Public Health Administration	1			1						
	Basic	0	Public Health	1				1					
	В	0	Interpersonal Communication	1				1					
		0	Health & Medical Communication	1				1					
		0	Clinical Psychology	1					1				
		0	Social Welfare	1						1			
		0	Medical ethics	1			1						
		0	Clinical Medicine	2					2				
		0	Basic Biochemistry	2			2						
		0	Seminar of Nourishment guidance	1				1					
		0	Outline of oral health science	1	1								
		0	Introduction to Ulinical Ural Health	1		1							
		0	Introduction to Dental Science	1		1							
		0	Orthodontics	2					2				
		0	Pediatric Dentistry and Orthodontics	2					2				
		0	Crown Restoration and Health Engineeri	1				1					
		0	Crown Restoration and Health Engineeri						2				
		0	Endodontology	1				1					
		_	Periodontology	1				1					
	ŀ	0	Oral Surgery and Anesthesiology I	1				-	1				
	ŀ	0	Oral Surgery and Anesthesiology II	1					1				
		0	Oral Radiology	1				1	_				
	ł	0	Dentistry for Persons with Disabilitie					1	2				
		0	Lifestyle-related Dentistry /Geriatric	2					2				
		0	Dental Material	1			1		4				
S C		0	Dental Anesthesiology	1			1	1					
ject		_						1	1				
qn		0	Oral Health Management A	1					1				
E S		0	Oral Health Management B	1					1				
Specialized Education Subjects		0	Team Care for Oral Health	1	<u> </u>				1			<u> </u>	
uca	ļ	0	Basic training for assistant work in d				1						
Ed		0	Basic training for assistant work in d		<u> </u>			1					
zed		0	Basic training for assistant work in d						1				
ali		0	Basic training for assistant work in de							1			
eci.		0	Basic training for assistant work in d							1			
Spe		0	Oral health education	1				1					
		0	Practice of Oral health behavior	1			1						
		0	Practice of Oral health behaviorI	1				1					
		0	Practice of Oral health behaviorII	1				1					
	es	0	Practice of Oral health behavior	1				1					
	Courses	0	Practice of Oral health behavior	1					1				
		_								1			
	zed Cc	0	Practice of Oral health behaviorI	1					1				

ali	○ Practice of oral Health Management 1	1			1						
Speciali	○ Practice of oral Health Management 2	1			1						
Sp	○ Practice of oral Health Management 3	1				1					
	○ Practice of oral Health Management 4	1				1					
	○ Practice of oral Health Management 5	1					1				
	○ Practice of oral Health Management 6	1					1				
	○ Practice of oral Health Counseling	1						1			
	◎ Education Act for School Dental Health	1					1				
	○ Principles of Rehabilitation	1						1			
	○ Dysphagia Rehabilitation	1						1			
	○ Practice of Oral rehabilitation I	1						1			
	○ Practice of Oral rehabilitation II	1						1			
	◎ Nursing I	1			1						
	◎ Nursing II	2				2					
	Nursing III	2					2				
	Fundamentals of Nursing Skill	1				1					
	Nursing Practice in Hospital(Yogo Teach	1						1			
	Outline of health promotion by Yogo tea	2					2				
	Health consultation	1						1			
	Seminar on school health	2						2			
	Pediatrics	1					1				
	Psychiatry	1					1				
	Mental Health	1					1				
		1					1				
	Curriculum design of dental hygienists	1						1			
	○ Disaster Dentistry and Forensic Odontol	1						1			
	○ Clinical practice on oral health	20						5		.5	
	Clinical practice on oral health manage	5								5	
		3						1		2	
	◎ Research Start-Up	1			1	L					
	◎ Practice of Biodental English	2					2				excluding elective
	合 計	114	3	4	22	26	28	14	1	.7	excluding elective

[©] indicates required subjects

Necessary credits for graduation : 150 credits

Liberal Arts Education Subjects		Specialized Education Subject	S
Peace Science Courses	2credits	Basic Specialized Courses	33credits
Basic Courses in University Education	4credits	Specialized Courses	81credits
Common subjects			
Area Courses	8credits		
Foreign Languages			
English	6credits		
Non-English Foreign Languages	4credits		
Information Courses	2credits		
Health and Sports Courses	2credits		
Foundation Courses	8credits		
Liberal Arts Education Subjects	36credits	Specialized Education Subject	114credits

Academic achievements of Course of Oral Science Relationships between the evaluation items and evaluation criteria

		Academic achievements		Evaluation criteria	
		Evaluation items	Excellent	Very Good	Good
	(1)	Knowledge and understanding of liberal arts such as humanities and natural science	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)	The knowledge and understanding on foreign languages and culture	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
ling	(3)	Knowledge and understanding on 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
Understanding	(4)	Knowledge and understanding of basic behavior as a dental profession	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 and understanding of structure and function of human body, teethes, and oral	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
edge and	(6)	Knowledge and understanding of the development of diseases and promotion of the recovery process	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
Knowledge	(7)	Knowledge and understanding of social systems related to oral health and prophylactics	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
	(8)	Knoweldge and understanding of specialities related to dental hygienist (dental disease prevention, dental treatment assist, detal health guidance)	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
	(9)	The knowledge and understanding on physical education in school	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)	Abilities and skills to communicate as a dental profession	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	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)	Comprehensive ability to separate necessary and unnecessary information, summarize and output it	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.
Abilities and Skills	(3)	Knoweldge and understanding that are required to serve as a dental hygienist (dental disease prevention, dental treatment assist, detal health guidance)	ability to objectively assess future tasks. 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 and other exercises	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.
Ak	(4)	The ability and basic skills necessary to discover the issues on oral education and conduct research planning • promotion • result analysis • result presentation	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.
	(5)	The intellectual knowledge and basic skills necessary for relating to physical education in school	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.
Abilities	(1)	Comprehensive ability to learn over a course of life as a dental profession	Being able to always keep patients in mind as a medical professional, and keep projecting, planning and studying for life voluntarily.	Being able to always keep patients in mind as a medical professional, and keep studying for life voluntarily.	Being able to always keep patients in mind as a medical professional, and keep studying for life.
Comprehensive Al	(2)	The comprehensive basic capacity of dental prophylaxes, dental care supports and dental health guidance as a dental team	Being able to conduct medicine thinking of necessary needs and encouraging appropriately based on understanding each professional roles.	Being able to conduct medicine encouraging appropriately based on understanding each professional roles.	Being able to conduct acknowledging being a member of a team
Compre	(3)	The general power of conducting basic physical education in school	Having fully acquired teacher quality and ability such as a sense of responsibility to teaching, educational affection and interpersonal skills as an educator conducting physical education in school.	Having acquired teacher quality and ability such as a sense of responsibility to teaching, educational affection and interpersonal skills as an educator conducting physical education in school.	Having partially acquired teacher quality and ability such as a sense of responsibility to teaching, educational affection and interpersonal skills as an educator conducting physical education in school.

Students are expected to form the academic foundation required for specialized education, study a wide range of subjects regarding human and social sciences and foreign languages to acquire knowledge, and foster intellectual curiosity and the ability to take action. In addition, they are expected to acquire communication skills, a cooperative mindset, and information gathering abilities in order to establish the basis for developing themselves as a medical staff.

Relationships between the evaluation items and class subjects

					Τ																F	Evalua	tion it	ems																Total
										_		Kn	owled	ge and	d Und	ersta	nding	_				_				•	Abi	lities	and S	kills						prehe	nsive	Abilit		weight
Subject			Гуре of course		Woigh	(1)	ight V	(2	2)	Weight	(3)	Woigh	(4)		(5)	Weight	(6)	+ Woigh	(7)	+ Woigh	(8)	at Woig	(9)	(Woight	1)	Weight	2)	Woight.	(3)	Woight.	(4)	Woight	(5)	t Woig	(1)	at Wois	(2)	rht Wois	(3)	d value
type		credits re	egistrati	emeste		ie edv	alue e	dvalue	edvalue	edvalu	edvalu	e edvalu	e edvalu	edvalu	edvalue	e dvalu	e edvalu	ie edvali	e edvalu	ie edvalu	ie edval	ue edval	ue edvalu	e edvalue	e edvalu	e edvalu	e edvalu		ue edval	ue edva			lue edval	_{tht} of lue evalua						
			on		s of evalua	s of at eva	f s luat e			s of evalua	s of evalua	s of t evalua	s of t evalua	s of evaluat	s of evaluat	s of evalua	s of t evalua	s of t evalua	s of evalua	s of evalua	s of at evalu	s of at evalu	s of at evalua	s of t evaluat	s of evaluat	s of evalua	s of t evalua	s of t evalua	s of evalu	s of at evalu	s of at evalu	s of uat evalu	s of uat evalu	s of uat evalu	on					
					ion items	ion			ion items	ion items	ion items	ion items	ion items	ion items	ion items	ion items	ion items	ion	ion	ion	ion	ion	ion	ion	ion	ion items	ion	ion items	ion items	ion items	ion items	ion items	ion items	ion	ion	ion	ion	ion	ion	items 1
	Peace Science Courses	2 R	equired	3	100	1001	1	ocino i	1001110	1001116	Tocino	Items	Items	licins	Items	licino	Tocing	1001115	Tucing	Items	Tecino	Tocino	1001115	Tocins	TUCITIO	licino	Tocing	licins	TUCITIO		Tocins	licing	Tocing	Tocino	Tocino	Tocino	, 100111	, Tooms	, Tocins	100
ion	Basic Courses in University Education	4 R	equired	1	100		1																																	100
Educati	Foreign Languages	10 R		1,2				100	1																											+				100
ts Ed	Information Courses		equired		100	,	1																																	100
ral Arts Subje	Area Courses		equired		100		1																													+				100
ibera	Health and Sports Courses		equired		100		1																													+		_		100
T	Foundation Courses		equired		100		1																													+				100
	Anatomy		equired		100		1									100	1																			+				100
	Oral Anatomy		equired		+											100	1		+							+				+						+	+		+	100
	Practice on Oral Anatomy															70	1		+					+		30	1			+						_		_		100
			equired		+												1		+							30	1									+-				
	Histology and Oral Histology		equired		<u> </u>					-						100	1									-				+						+		_		100
	Physiology and Oral Physiology		equired							-						100	1	100	1							-				-						+		_		100
	Pathology and Oral Pathology Pharmacology and Dental		equired															100	1	100										-						+	+		+	100
	Pharmacology		equired													100	-		+	100				+		-				-						_	+			100
	Microbiology and Oral Microbiology		equired		+											100	1																			4				100
	Immunology		equired	3	-											100	1		+							-				-						+	+	_	+	100
	Practice on Basic Dental Sciences		equired	4												70	1		+									30	1	-						_	+			100
	Oral Health		equired	4																100	1															4				100
	Practicum of Oral Health	1 R	equired	4																						50	1	50	1							4		4		100
	Statisitics on Dental Hygiene		equired	4										50	1											50	1									4	\perp	4		100
	Public Health Administration	1 R	equired	3										100	1											-				-						4				100
100	Public Health	1 R	equired	4										100	1															-						4				100
)jects	Interpersonal Communication	1 R	equired	4																				100	1											4				100
Subje	Health & Medical Communication	1 R	equired	4																				100	1											4				100
atior	Clinical Psychology	1 R	equired	5																100	1																			100
Educ	Social Welfare	1 R	equired	6										100	1																					4				100
zed]	Medical ethics	1 R	equired	3						100	1																													100
ciali	Clinical Medicine	2 R	equired	5	<u> </u>											50	1	50	1																	4				100
Spe	Basic Biochemistry	2 R	equired	3												50	1											50	1											100
	Seminar of Nourishment guidance(食品学を含む)	1 R	equired	4																								100	1											100
	Outline of oral health science		equired	1								100	1																											100
	Introduction to Clinical Oral Health Science	1 R	equired	2																100	1																			100
	Introduction to Dental Science	1 R	equired	2																100	1																			100
	Pediatric Dentistry and Orthodontics	2 R	equired	5																100	1																			100
	Pediatric Dentistry and Orthodontics	2 R	equired	5																100	1																			100
	Crown Restoration and Health Engineering	1 R	equired	4																100	1																			100
	Endodontology	1 R	equired	4																100	1																			100
	Periodontology	1 R	equired	4																100	1																			100
	Crown Restoration and Health Engineering	2 R	equired	5																100	1																			100
	Oral Surgery and Anesthesiology I	1 R	equired	5																100	1																			100
	Oral Surgery and Anesthesiology II	1 R	equired	5																100	1																			100
	Oral Radiology	1 R	equired	4																100	1																			100
	Dentistry for Persons with Disabilities	2 R	equired	5																100	1																			100
	Lifestyle-related Dentistry /Geriatric Dentistry	2 R	equired	5																100	1																			100

Relationships between the evaluation items and class subjects

The series of th		lonsnips between the ev		1201011	T 100		iiiu	Clas	<u>s su</u>	bject	- G											Ext	aluati	on ite	me															Total
The shelpe of th													Kno	wled	ge and	l Und	erstar	nding	,			1340	aiuati	011 166				Abi	lities	and S	Skills				T	Com	prehen	sive A	bilities	weight
See	Subject	l N	No of				(1))	((2)		(3)	T (4)	<u> </u>	5)		$\overline{(6)}$		(7)	(8)	(5	9)	(1)	(2)	()	3)	((4)		(5)		(1)		(2)	(3)	d value
The content of the					eme	ster Wei	ght V alue e	Weight edvalue	Weight edvalu	t Weigh e edvalu	t Weigh e edvalu	Weight e edvalue	Weight edvalue	Weight edvalue	Weight edvalue	Weight edvalue	Weight e edvalue	Weigh e edvalu	t Weigh ie edvalu	t Weight ie edvalue	Weight e edvalue	Weight edvalue	Weight e edvalu	t Weigh e edvalu	t Weight e edvalu	e edvalu	t Weigh e edvalu	t Weigh le edval	nt Weight ue edvalu	Weight e edvalue	Weight Weight edvalue	alue evalua								
March Marc				on		s of	s	of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of	s of s of	on luat
Mart						ion iten				ion items			ion items			ion items												ion items		_	ion items		ion	ion items		ion items	ion	ion items	ion ion	items i
Column C		Dental Material	1	Required	1 :	3	10 1	ocino .	1001115	TUCHIS	Tocins	Techno	Items	1001115	licing	Items	Items	Items	Techno	1001115		1	TUCING	1001115	Tocins	1001115	licins	TUCTIO	Ticing	1001115	licins	1001115	Tocing	TOCTIO	Tocing	Tocins	Techno	Toems	Tierris Tierr	100
Part		Dental Anesthesiology	1	Required	l 4	Į.															100	1																		100
For the Control of New York (1997) A 1997 A		Oral Health Management A	1	Required	l 4	ļ.															100	1																		100
Note that the property of th		Oral Health Management B	1	Required	l 8	;															50	1							50	1										100
No. Control		Team Care for Oral Health	1	Required	l 8	;					50	1	50	1																										100
March Control of C		· ·	1	Required	1 :	3																							50	1							50	1		100
Fig.		Basic training for assistant work in																											50	1							50	1		100
The second of the content of the con		Basic training for assistant work in				;																															100	1		100
Fig. 1. Section 1. Sec		Basic training for assistant work in			+	;	7																						50	1								1		100
Fig. 1. September 1. 1. Septembe		Basic training for assistant work in			 	;																								1								1		100
Process of Control Schemen 1 Secure					-																		100	1																100
Minimal Continue Co					+	3																			 						100	1								100
Particle Cost handle belower 1 Repair 4 Repair 5 Repair		-	1																						50	1			50	1										100
Application Control of Contro			1																							1				_										100
Marcine of Marcine o					+																					1			50	1										100
The first of the filted hallsholded in the f					+	;																			-	1				1										100
March The Property Fig.						;																				1				_										100
Programme of March Management 1 Register 2 Register 3		+			1																						100	1												100
Parameter of mail Excells (Management) 1 Required 2						-															100	1																		100
Recinited of Hischilds Management 1 Required 4	jects	Practice of oral Health Management				,																			100	1														100
The first of the first Management of the first Managem	Sub	Practice of oral Health Management			-																					1														100
Protection of the New Service of	atior	Practice of oral Health Management			+																								100	1										100
Production of cond Belanda Basementers 2 Required 5 Security	Educ	Practice of oral Health Management			+	;																								1										100
Processor for earl Health Connecting 1 Required 6 1 Required 5 1 Required 6 1 1 1 1 1 1 1 1 1	zed]	Practice of oral Health Management			+	;																								1										100
Foliante net for School Barrais 1 Required 5	eciali	Practice of oral Health Counseling			+	;																								1										100
Principles of Remainification 1 Recurse 6	S_{po}		-		+	;	1																100	1																100
Desplayara Rehabilitation 1 Required 5					+	;															100	1																		100
Practice of Oral rehabilitation II		Dysphagia Rehabilitation			1	;	1																						100	1										100
Practice of Oral rehabilitation II		+			1	;																								1										100
Nursing II			1			;																								1										100
Nursing III 2 Required 4					+	3															100	1																		100
Nursing III 2 ree electi 5		<u> </u>			1																	1																		100
Pediatrics					+	;	1																50	1									50	1						100
Paychiatry 1 ree electiv 5					+	;																		1																100
Mental Health						;																		1																100
Nursing Practice in Hospital(Yogo 1 ree electiv 6					+	;																		1																100
Seminar on school health 2 ree electiv 6 50 1 100		Nursing Practice in Hospital(Yogo			+	;																					50	1									50	1		100
Fundamentals of Nursing Skill 1 ree electiv 4 1 100 Outline of health promotion by Yogo teacher teacher Health Science on Sports Dentistry and Temporomandibular Health consultation 1 ree electiv 6 1 100 Curriculum design of dental hydienists and dental technicians 1 ree electiv 6 1 100 Disaster Dentistry and Forensic 1 Province 6 1 100 1 100 Disaster Dentistry and Forensic 1 Province 6 1 100 1 100 The selectiv 6 1 100 1 100 The selectiv 6 1 100 1 100 The selectiv 6 1 100 1 100 1 100 The selectiv 6 1 100 1 100 1 100 1 100 The selectiv 6 1 100 1 100 1 100 1 100 1 100 The selectiv 6 1 100 1 100 1 100 1 100 1 100 100 The selectiv 6 1 100 1 100 1 100 1 100 1 100 100 100					+	;																											50	1					50	1 100
Outline of health promotion by Yogo teacher Health Science on Sports Dentistry and Temporomandibular Health consultation 1 ree electiv 6 Curriculum design of dental hygienists and dental technicians Disaster Dentistry and Forensic 1 Required 5 1 ree electiv 6 1 100 1 1					+																													1						100
Health Science on Sports Dentistry and Temporomandibular Health Science on Sports Dentistry and Temporomandibular 1 Required 5 100 1		Outline of health promotion by Yogo	+		+	;																												1						100
Health consultation 1 ree electiv 6 100 1		Health Science on Sports Dentistry				;															100	1																		100
Curriculum design of dental hygienists and dental technicians Disaster Dentistry and Forensic 1 Paramired C 100 1 100						;																											100	1						100
Disaster Dentistry and Forensic 1 Premind C 20 1 20 1 20 1 20 1 1 20 1 2		Curriculum design of dental			+	;																									100	1								100
$10.1 + 1 \qquad \qquad \text{ 1 } \text{ 1 } \text{ 1 } \text{ 20 } \text{ 1 } \text{ 1 } \text{ 20 } \text{ 1 } \text{ 1 } \text{ 20 } \text{ 1 } \text{ 1 } \text{ 20 } \text{ 1 } \text{ 1 } \text{ 20 } \text{ 1 } \text{ 20 } \text{ 2 } $		Disaster Dentistry and Forensic Odontology	-	Required	+	;					20	1	20	1	20	1			20	1	20	1																		100

Relationships between the evaluation items and class subjects

																				Ev	aluat	ion ite	ems																Total
											Kno	wledg	ge and	d Und	erstai	nding										Abil	ities a	and S	kills					Comp	rehens	sive Ab	ilities	· I	weighte
			Type of			(1)	((2)	((3)		4)		(5)		(6)	(7)		8)		(9)	` `	1)		(2)		3)	(4	4)		5)	((1)	(9	2)	(3)	<i>'</i>	d values
Subje	Class Subject	No. of	course	. emest	erWeigh	nt Weigh	t Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight	Weight			Weight V			
type		credit	s registrati	1	edvalı	ue edvalu	ie edvalu	e edvalue	e edvalue	edvalue	edvalue	edvalue	edvalue	e edvalue	e edvalu	e edvalue	edvalue	edvalue	edvalue	edvalue	edvalue	edvalue	edvalue	edvalue	edvalue	edvalue	edvalue	edvalue	edvalue	edvalue	edvalue	edvalue	edvalu	e edvalue	edvalue	edvalue e	dvalue e	dvalue	evaluati
			011		s or	s or	s or it evalua	s or	s or	s or evaluat	s or	s or evaluat	s or	t evaluat	s or	s or evaluat	s or	s oi evaluat	s of evaluat	s or evaluat	s or evaluat	s or evaluat	s or evaluat	s oi evaluat	s or evaluat	s or evaluat	s oi evaluat	s oi evaluat	s or evaluat	s or evaluat	s or evaluat	s or evaluat	s or	s 01 t levaluat	s or	evaluat e	valuat le	valuat (on
					ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion	ion io	on i	on	items in
					items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items	items it	tems i	tems	the
tion	Clinical practice on oral health	20	Required	d 6-8																							50	1							50	1			100
duca	Clinical practice on oral health management	5	ree electi	iv 7,8																															100	1			100
ed E	Special Study for Graduation	3	Required	d 6-8																													100	1					100
cializ Sı	Research Start-Up	1	Required	d 4																							100	1											100
Spe	Practice of Biodental English	2	Required	d 5			70	1															30	1															100

Curriculum Map of Course of Oral Science

Academic achievements	1st g	grade	2nd	grade	3rd g	grade	4th ş	grade
Evaluation items	Spring semester	Fall semester	Spring semester	Fall semester	Spring semester	Fall semester	Spring semester	Fall semeste
	Basic Courses in University I	Information Courses(O)	Peace Science Courses(©)					
77 1 1 1 1 1 1	Information Courses(O)	Area Courses(O)						
Knowledge and understanding	Area Courses(O)	Health and Sports Courses(O)					
of liberal arts such as	Health and Sports Courses(C	Foundation Courses(©)						
humanities and natural science	Foundation Courses(◎)							
The knowledge and	Foreign Languages(©)	Foreign Languages(©)	Foreign Languages(©)	Foreign Languages(©)		Practice of Biodental English(©)		
understanding on foreign languages and culture								
					Team Care for Oral Health(◎)	Disaster Dentistry and Forensic O	lontology(©)	
Knowledge and understanding			Medical ethics(◎)					
on principles of medicine								
Knowledge and understanding	Outline of oral health science	<mark>.</mark> (⊚)			Team Care for Oral Health(©)	Disaster Dentistry and Forensic O	lontology(©)	
of basic behavior as a dental profession								
Knowledge and understanding			Public Health Administration(©)	Dental Statistics(©)		Social Welfare()		
			Tubile Health Hummistration(@)	Public Health(©)		Disaster Dentistry and Forensic O	dontology (10)	
human body, teethes, and oral				Tublic Health(@)		Disaster Dentistry and Porensic O	tontology (@)	
of structure and function of human body, teethes, and oral	Anatomy(©)	Physiology and Oral Physiol	Oral Anatomy(@)	Practice on Basic Dental Science	os(Clinical Madicina(Q)			
	matomy (@)	1 hysiology and Orai I hysiol	Microbiology and Oral Microbiology		es (Chinical Medicine (G)			
Knowledge and understanding of the development of diseases			Immunology(©)					
of the development of diseases			Basic Biochemistry(©)					
and promotion of the recovery			Histology and Oral Histology(©)					
process								
and promotion of the recovery process Knowledge and understanding			Practice on Oral Anatomy(⊚)					
Knowledge and understanding			Pathology and Oral Pathology(©)		Clinical Medicine(O	Disaster Dentistry and Forensic O	antalogy (O)	
of social systems related to oral			Tathology and Oral Lathology (e)		omnear medicine (@)	Disaster Dentistry and Forensic O	ontology (@)	
health and prophylactics								
incaren ana propriy laceles		Introduction to Clinical Oral	Pharmacology and Dantal Pharmac	co Crown Restoration and Health l	Eng Pediatric Dentistry and Orthodontic	Principles of Rehabilitation		
		Introduction to Dental Se		Endodontology(©)	Pediatric Dentistry and Orthodontic		dontology (O)	
		introduction to Dental St	Practice of oral Health Managemer		Dentistry for Persons with Disabilit		iontology (@/	
Vacanaldas and a dante 1			Nursing I(©)	Oral Radiology(©)	Lifestyle-related Dentistry /Geriatri			
Knoweldge and understanding			Transing I(e)	Dental Anesthesiology(©)	Clinical Psychology(©)	Delition y (197		
of specialities related to dental hygienist (dental disease		1		Nursing II(©)	Health Science on Sports Dentistry	and Tomporomandibular (@)		
prevention, dental treatment		1		Oral Health(©)	Oral Health Management B(©)	ana remporomananunuar (<i>©)</i>		
assist, detal health guidance)				Oral Health(@)	Crown Restoration and Health Engi	nooving(@)		
desire, devar nearen gundance/					Oral Surgery and Anesthesiology I			
					Oral Surgery and Anesthesiology I			
						(<i>⊌)</i>		
				One 1 h = 14 1 4 (6)	Oral Health Management A(©)	141.(@		
(D) 1 1 1 1				Oral health education(©)	Education Act for School Dental He	aitn(@		
The knowledge and					Pediatrics(Δ)			
understanding on physical					Psychiatry(Δ)		-	
education in school					Mental Health(△)			
I	1				看護学III(△)		1	

Curriculum Map of Course of Oral Science

Academic achievements	1st g	rade	2nd g	grade	3rd g	rade	4th g	grade
Evaluation items	Spring semester	Fall semester	Spring semester	Fall semester	Spring semester	Fall semester	Spring semester	Fall semester
			Practice of oral Health Management	Interpersonal Communication()	Practice of Oral health behavior(©)	Practice of Biodental English(©)		
A1:1:4: 1 1:11 4				Health & Medical Communication	(Practice of Oral health behaviorI(©)			
Abilities and skills to communicate as a dental				Practice of Oral health behaviorI(6	9			
profession				Practice of Oral health behaviorII((©)			
profession				Practice of Oral health behavior(©				
				Practice of oral Health Manageme	nt 3(◎)			
Comprehensive ability to			Seminar on Oral Anatomy(⊚)	Medical Informatics(⊚)		Nursing Practice in Hospital (△)		
separate necessary and				Practicum of Oral Health (©)				
unnecessary information, summarize and output it				Dental Statistics(©)				
			Basic Biochemistry(⊚)	Practicum of Oral Health(◎)	Oral Health Management B(©)	Clinical practice on oral health(©)	Clinical practice on oral	health(©)
Skills			Basic training for assistant work in	Practice of Oral health behaviorI (Practice of Oral health behavior()	Practice of oral Health Counseling	·(©	
Knoweldge and understanding that are required to serve as a				Practice of Oral health behavior(©	Practice of oral Health Management	Practice of Oral rehabilitation I(©)	
				Basic training for assistant work is	n Practice of oral Health Management	Practice of Oral rehabilitation II(@		
dental hygienist (dental disease				Practice of oral Health Manageme	n Dysphagia Rehabilitation(©)	Basic training for assistant work i	n dental treatment 4(©)	
dental hygienist (dental disease prevention, dental treatment assist, detal health guidance)				Research Start-Up (©)		Basic training for assistant work i	n dental treatment 5(©)	
assist, detal health guidance)				Practice on Basic Dental Sciences	<mark>©</mark>)	Clinical practice on oral health(©)		
				Seminar of Nourishment guidance	<mark>e</mark> (©)			
The ability and basic skills			D :: 45 11 111 1 (0)					1 (4)
necessary to discover the issues			Practice of Oral health behavior(©))		Curriculum design of dental hygie	nists and dental technicia	ins education(△)
on oral education and conduct								
research planning • promotion •								
result analysis • result								
nresentation								
The intellectual knowledge and				Fundamentals of Nursing Skill(Δ)	Outline of health promotion by Yogo			
basic skills necessary for relating					Nursing III(△)	Seminar on school health(Δ)		
to physical education in school								
to physical education in school Comprehensive ability to learn over a course of life as a dental						Special Study for Graduation(©)	Special Study for Gradu	Special Study for Gradu
over a course of life as a dental								
profession								
			Basic training for assistant work in	Basic training for assistant work in	Basic training for assistant work in			
						Basic training for assistant work i	n Clinical practice on oral	health management (Δ)
health guidance as a dental						Clinical practice on oral health(©))	
Thealth guidance as a dental						Nursing Practice in Hospital (Δ)		
The general power of conducting						Seminar on school health(Δ)		
dental care supports and dental health guidance as a dental team The general power of conducting basic physical education in								
School								
	(/Fil)	T 1 1 A 4 To 1 4	i Racic Specialized Courses	0 1 1 0	Special Study for Graduat	(⊜\D : 1	(O) Elective/requ	(A)E 1

⁽例) Liberal Arts Education Basic Specialized Courses Specialized Courses Special Study for Graduat (②) Required

⁽O) Elective/requ (Δ) Free elective

Teacher list (Course of Oral Science)

Name	Position	Department	TEL	E-mail
Hideo Shigeishi	Associate Professor or Lecturer	Public Oral Health	5945	shige@hiroshima-u.ac.jp
Maki Nosou	Associate Professor or Lecturer	Public Oral Health	5957	nosou@hiroshima-u.ac.jp
Keiko Tsuruda	Assistant Professor	Maxillofacial Functional Development	5795	turuda@hiroshima-u.ac.jp
Rumi Nishimura	Assistant Professor	Maxillofacial Functional Development	5795	r-nishimura@hiroshima-u.ac.jp
Toshinobu Takemoto	Professor	Oral Health Management	5796	takefn@hiroshima-u.ac.jp
Atsue Matsumoto	Associate Professor or Lecturer	Oral Health Management	5956	atu@hiroshima-u.ac.jp
Yoshie Niitani	Assistant Professor	Oral Health Management	5794	kakiura@hiroshima-u.ac.jp