# For entrants in FY 2024

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)	Bachelor's Program in Oral Health Science

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

#### 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 oral health.
- 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 team dental medicine;
- (3) The ability to apply state-of-the-art knowledge, educational skills, information collection skills,

problem solving abilities, research capability, logical 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.
- 4. 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 and IPE 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, in addition to the result

of the Objective Structured Clinical Examination (OSCE)), conducted before starting practical clinical exercises.

#### 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.

#### 7. 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.

#### 8. 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 conversion
S (Excellent: 90 or more points)	4
A (Very good: 80 - 89 points)	3
B (Good: 70 - 79 points)	2
C (Passed: 60 - 69 points)	1
Academic Achievement	Evaluation standard
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
  - 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.

#### Table of Registration Standards for Liberal Arts Education Subjects, School of Dentistry

Т	neior's	Prog	ram in Ora	l Health Science>	ъ				Year	in which the sul	oiect is taken (No	ote 1)
у			Subject	type	Required No. of	Class subjects, etc.	No. of	Type of course	1st g		•	grade
p e			,	J1	credits	,	credits	registration	1st semester	2nd semester	3rd semester	4th semester
		Pe	ace Science	Courses	2		2	Elective/ required			0	
	es in ucation	Intro	duction to I	Jniversity Education	2	Introduction to University Education	2	Required	0			
	Basic Courses in University Education		Liberal A	rts Education	2	Introductory Seminar for First-Year Students	2	Required	0			
	Bas		Advano	ed Seminar	0	Advanced Seminar	1	Freeelective	0	0		
					2	General Health and Oral Sciences I	2	Required	0			
			Area	Courses	2	General Health and Oral Sciences II	2	Required		0		
					4	From Courses in Arts and Humanities / Social Sciences (Note 2) (Note 3)	1 or 2	Elective/ required	0	0		
				Communication Basic	2	Communication Basic I Communication Basic II	1 1		0	0		
						Communication IA	1	Required	0	0		
			English	Communication I	2	Communication IB	1	(Note 4)	0			
		cts				Communication IIA	1	(Note 5)	0	0		
		Subje		Communication II	2	Communication IIB	1			0		
		Foreign Language Subjects				Basic Foreign Language Subjects I	1		0			
sts	cts	n La							_			
n Subjec	Common subjects	Foreig	(You h	ogram Languages ave to select one	4	Basic Foreign Language Subjects II	1	Elective/ required	0			
ducation	Comm			ge from German, h and Chinese.)	4	Basic Foreign Language Subjects III	1	(Note 6)		0		
Liberal Arts Education Subjects						Basic Foreign Language Subjects IV	1			0		
Libe		In	formation a	nd Data Sciences	2	Introduction to Information and Data Sciences	2	Required (Note 7)	0			
		111		bjects	2	From courses in Information and Data Sciences Subjects	2	Elective/ required		0		
						Health and Sports Sciences	2	roquirou	0	0		
			II 141 1	Sports Subjects	2	Practicum in Sports A	1	Elective/	0	0		
		-	rieaith and	Sports Subjects	2	Practicum in Sports B	1	required	0	0		
						Sports Theory and Exercise	1		0	0		
		5	Social Coop	eration Courses	0		1 or 2	Free elective	0	0		
						Psychology for Medical Care Workers	2	Required (Note 8)		0		
					4	Development of International Collaboration in Medical Science	2	Required	0	_	_	
			Basic Sub	pjects	2	Foundation biology for life science(Note 9)	2	Elective/	0			_
				•		Cell Science	2	required		0		
					2	Basic Concepts of Chemistry	2	Elective/	0			
					2	General Chemistry	2	required	0			
			Total	l	38							

- Note 1: Semesters marked with O are the standard semesters for taking related subjects. If you failed to obtain the credit(s) in said semester, you may take the subject again in later semesters. Since the semester in which the subject is actually provided may be changed, you should confirm the accurate semesters by the relevant documents such as annual class tables for Liberal Arts Education.

  Note 2: If you acquire excessive credits from Elective/required subjects of Information and Data Sciences Subjects, within 4 credits of them will be considered as credits of Courses in Arts and Humanities / Social Sciences in Area Courses.
- $Note \ 3: In \ order \ to \ acquire \ the \ license \ of "Yogo \ teacher" \ Class \ 1, students \ need \ to \ take \ two \ credits \ in "Japanese \ Constitution".$
- Note 4: If you have obtained more than the required credits by taking the classes of Area Courses and Social Cooperation subjects which the Language of Instructions are [E: English] on Syllabus, you can substitute for English credits (6 credits) necessary for graduation. For details, see the items related to Liberal Arts Education in the Hand book for Students.
- Note 5: You can substitute the credits which you have obtained by taking the "Online English Seminar I, II & III" based on self-learning for English credits (6 credits) necessary for graduation. Also, there is a Credit Transfer System based on foreign language proficiency tests and language training. For details, see the items related to English in Liberal Arts Education and "Handling of Credit Accreditation Based on Foreign Language Proficiency Tests, etc." in the Hand book for Students.
- Note 6: There is a Credit Transfer System based on foreign language proficiency tests. For details, see the items related to English in Liberal Arts Education in the Hand book for Students.
- Note 7: When failing to earn the credit for "Introduction to Information and Data Sciences" is it allowed to take the subject from courses in Information and Data Sciences Subjects.
- Note 8 : Only when failing to earn the credit for "Psychology for Medical Care Workers" is the credit for the subject "Psychology A" or "Psychology B" accepted as that for the information subjects required for randation (2 credits).

  Note 9: Students who did not take the subject "Biology" in the Common Test for University Admissions are required to take the subject "Foundation biology for life science."

Table of Registration Standards for Specialized Education Subjects, School of Dentistry

< Bachelor's Program in Oral Health Science>

			Program in Oral Health Science>	Minimum		,	Year in	which th	e subjec	t is take	n		
Subj			Class Subject	No. of	1st s	grade	2nd	grade	3rd s	grade	4th s	grade	Note
typ	e		3	credits	1st semester		3rd semester	4th semester	5th semester	6th semester	7th semester	8th semester	
		0	10.14	required		2nd semester	3rd semester	4th semester	5th semester	otn semester	/tn semester	sin semester	
		0	Anatomy and Oral Anatomy	2	2		1						
		0	Tooth Morphology	1			1						
		0	Basic Class of Oral Science	1			1						
		0	Technical Training for Tooth Carving	1			1						
		0	C.	2		2	2						
		0	Physiology and Oral Physiology	2		2	2						
		0	Pathology and Oral Pathology	2			2						
	S	0	Pharmacology and Dental Pharmacology	2			2						
	Basic Specialized Courses	0	Microbiology and Oral Microbiology  Immunology	1			1						
	1 Cc	0	Practice on Basic Dental Sciences				1	1					
	izec	0	Dental Health	1			2	1					
	cial	0	Practicum of Oral Health	2			2	1					
	Spe	0		1				1					
	asic	0	Social Dentistry  Public Health Administration	1			1	1					
	В	0	Environmental and Public Health	1			1	1					
		0		1				1					
		0	Interpersonal Communication	1				1					
		0	Health and Medical Communication	1				1	1				
		0	Clinical Psychology	1					1	1			
		0	Social Welfare	1			1			1			
		0	Medical Ethics	1			1			2			
ts		0	Clinical Medicine	2			2			2			
bjec 		0	Basic Biochemistry (included Food Science)	1	1		2						
ı Su		0	Outline of Oral Health Science		1	1							
atior		0	Introduction to Clinical Oral Health Science	1		1							
duce		0	Introduction to Dental Science	1		1			2				
ъ Б		0	Orthodontics	2					2				
Specialized Education Subjects		0	Pediatric Dentistry	2				1	2				
ecia		0	Crown Restoration and Health Engineering I	1				1	2				
Sp		0	Crown Restoration and Health Engineering II	2				1	2				
		0	Endodontology	1				1					
		0	Periodontology	1				1	1				
		0	Oral Surgery and Anesthesiology I	1					1				
		0	Oral Surgery and Anesthesiology II	1				1	1				
	es	0	Oral Radiology	1				1	2				
	ours	0	Dentistry for Persons with Disabilities	2					2				
	d C	0	Lifestyle-related Dentistry and Geriatric Dentistry	2			1		2				
	Specialized Courses	0	Dental Material	1			1	1					
	ecia	0	Dental Anesthesiology	1				1	1				
	Sp	0	Oral Health Management	1					1				
		0	Quality and Safety Management in Dentistry  Team Care for Oral Health	1					1				
		0		1			1		1				
		0	Basic Training for Assistant Work in Dental Treatment I	1			1	1					
		0	Basic Training for Assistant Work in Dental Treatment II	1				1	1				
		0	Basic Training for Assistant Work in Dental Treatment III	1					1	1			
		0	Basic Training for Assistant Work in Dental Treatment IV	1						1			
		0	Basic Training for Assistant Work in Dental Treatment V	1			1			1			
		0	Practice of Oral Health Behavior I	1			1						
		0	Practice of Oral Health Behavior II	1			-	1					
		0	Practice of Oral Health Behavior III	1				1					
		0	Practice of Oral Health Behavior IV	1					1				
		0	Medical Informatics	2				2					

<Bachelor's Program in Oral Health Science>

			Minimum		•	Year in v	vhich th	e subjec	t is taker	1		
Subj		Class Subject	No. of credits	1st g	grade	2nd g	grade	3rd g	grade	4th g	grade	Note
typ	JC		required	1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester	7th semester	8th semester	
		Practice of Oral Health Management I	1				1					
		Practice of Oral Health Management II	1				1					
		Practice of oral Health Management III	1					1				
		Practice of oral Health Management IV	1					1				
		Principles of Rehabilitation	1						1			
		Dysphagia Rehabilitation	1					1				
		Practice of Oral Rehabilitation	1						1			
		Nursing I	1			1						
		Nursing IIA	1				1					
		Nursing IIB	1				1					
		Nursing III	2					2				
		Fundamentals of Nursing Skill	1				1					
		Nursing Practice in Hospital (Yogo Teacher)	1						1			
cts		Outline of Health Promotion by Yogo Teacher	2					2				
ıbje	S	Health Consultation	1						1			
Specialized Education Subjects	Specialized Courses	Seminar on School Health I	1						1			
atio	Ω̈	Seminar on School Health II	1						1			
duc	zeq	Pediatrics	1					1				
ed E	ciali	Psychiatry	1					1				
alize	Spe	Mental Health	1					1				
eci		Health Science on Sports Dentistry and Temporomandibular	1					1				
S		Disaster Dentistry and Forensic Odontology	1						1			
		Clinical Practice on Oral Health	20						5	1	.5	
		Clinical Practice on Oral Health Management	5								5	
		Special Study for Graduation	3						1	2	2	
		Research Start-Up	1				1					
		Seminar of International Dentistry A	1									Offered in od numbered semesters.Can be taken repeatedly.
		Seminar of International Dentistry B	1									Offered in evnumbered semesters.Cabe taken repeatedly.
				3	4	22	21	22	14	0	17	
		Total	103	l '	7	4	3	3	6	1	7	

indicates required subjects

#### Necessary credits for graduation: 141 credits

Liberal Arts Education Subjects		Specialized Education Subjects	
Peace Science Courses	2 credits	Basic Specialized Courses	32 credits
Basic Courses in University Education	4 credits	Specialized Courses	71 credits
Common subjects			
Area Courses	8 credits		
Foreign Languages			
English	6 credits		
Non-English Foreign Languages	4 credits		
Information and Data sciences Subjects	4 credits		
Health and Sports Courses	2 credits		
Foundation Courses	8 credits		
Liberal Arts Education Subjects	38 credits	Specialized Education Subjects	103 credits

## Academic achievements of Bachelor's Program in Oral Health Science

Relationships between the evaluation items and evaluation criteria

		Academic achievements	on items and evaluation enteria	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
gı	(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
standir	(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
Knowledge and Understanding	(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 an	(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
Knowl	(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)	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.
Ab	(4)	The ability and basic skills necessary to discover the issues on oral education and conduct research planning • promotion • result analysis • result presentation	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.
	(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.
lities	(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 Abilities	(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
Compreh	(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.

Placement of the Liberal Arts Education in the Major Program

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.

											IZ	1 . 1	1	I I1 4	1'					Evaluat	ion ite	ms			A 1.	11141	1 (1-11	_				C			A 1. '1		Total
						(1)		2)	(3)		(4)		ge and (5)	Underst	anding (6)		(7	<u> </u>	(8)	1 (	9)	(	1)	(2)		llities a	nd Skill	(4)		(5)		(1)	omprer	(2)	ve Abili	(3)	
Subjec		No. of	Type of	Semester	Wajahta	Í	Wajahta	ľ v	Vojekto	We	ighta	,	Wajahta	Wa	ighta		Wajahta	Wait	rhta	Wajahta	Í	Waighta	l e	Wajahta		Wajahta	Wa	ighta	Wei	ahta		Waighta	We	ichto	Wa	oighta	values of
t type		credits	course registration	S	dvalues	Weighte dvalues	dvalues of	Weighte d	lvalues Wei	thte dva	lues W	/eighte o	dvalues V	Veighte dva	lues We	eighte alues	dvalues V	Veighte dvalues of	ies Weigh dvalue	te dvalues s of	Weighte dvalues	dvalues	Weighte dvalues	dvalues W	eighte alues	dvalues of	Weighte dva	lues Wei	ghte dval	ues W	eighte alues	dvalues We	ighte dva	lues W	eighte dva	ılues We	Veighte evaluation n items
					evaluati on items	of	evaluati on items	of e	valuati of on items eval	eva	luati of	f	evaluati o on items e	f eva	luati of		evaluati on items	f evalu	ati of ems evalua	evaluati	of evaluati	evaluati	of	evaluati of on items ev		evaluati on items	of eva	luati of items eval	eval	uati of tems ev		evaluati of on items eva	eval	luati of	f eva	aluati of	in the
					in the		in the	on items in	n the on it	ems in t	ne or	n items i		n items in t	ne on	items	in the	n items in the	e on iten	ns in the	on items	s in the	on items		items	in the	on items in t	he on it	ems in th	e on	items		items in th	he on	n items in t	the on	subject
	Peace Science Courses	2	Required	3	subject 100	1	subject	S	ubject	sub	ject	1	subject	sub	ject		subject	subje	ect	subject		subject		subject		subject	sub	gect	subj	ect		subject	subj	ect	sub	bject	100
lbject	Basic Courses in University Education	4	Required	1	100	1																												+		+	100
nS uc	Area Courses	8	Required	1,2	100	1																											_	+		-+	100
ucati	Foreign Language Subjects	10	Required	1,2	100	1	100	1					-				-																	+		-+	100
Arts Ed	Information and Data Sciences Subjects	4	Required	1,2	100	1	100	1																										$\overline{}$			100
al Aı	Health and Sports Subjects	2	Required	1,2	100	1																												$\overline{}$			100
Liber	Basic Subjects	8	Required	1,2	100	1							-																					+		+	100
	Anatomy and Oral Anatomy	2	Required	1,2	100	1							-	1	00	1																		+		+	100
				2							-		100	1	00	1	-																	+		+	
	Tooth Morphology  Basic Class of Oral Science	1	Required	3							+		100	1	-	1																	_	+		_	100
	Basic Class of Oral Science Technical Training for Tooth Carving	1	Required Required	3							+		50 70	1 ;	50	1						10	1	10	1	10	1						_	+		_	100
		1									-		/0	1	00	1	-					10	1	10	1	10	1							+		+	100
	Oral Histology Physiology and Oral Physiology	2	Required	2							-		+		00	1	-																	+		+	100
	Pathology and Oral Pathology	2	Required Required	2							-		+	1	00	1	100	1																+		+	100
-		2		3							-		+				100	1	10 1															+		+	
-	Pharmacology and Dental Pharmacology		Required												00	1		10	1															+		-	100
	Microbiology and Oral Microbiology	2	Required	3											00	1																		+		-	
	Immunology	1	Required	3									-		00	1	-									20	1							$\rightarrow$		+	100
	Practice on Basic Dental Sciences	1	Required	-											70	1		10	100							30	1						_	_			100
	Dental Health	2	Required	3														10	1					50	1	50	1							+		$\rightarrow$	100
	Practicum of Oral Health	1	Required	4									50	1										50	1	50	1							+		$\rightarrow$	100
sts	Social Dentistry  Public Health Administration	1	Required										50	1										50	1									+		-	100
Subjec		1	Required	3									100	1																				+		-	100
tion S	Environmental and Public Health	1	Required	4									100	1								100	1											+		$\rightarrow$	100
Educai	Interpersonal Communication	1	Required	4									-				-					100	1											$\rightarrow$		+	100
zed E	Health and Medical Communication	1	Required	4														1/	100			100	1										_	_			100
Specialized	Clinical Psychology	1	Required	5									100	1				10	1															+		$\rightarrow$	100
Sp	Social Welfare	1	Required	6					100				100	1																				-		-	100
	Medical Ethics  Clinical Medicine	2	Required	3					100		+				50	1	50	1															+	+		-	100
	Basic Biochemistry (included Food Science)		Required Required	3	-										50	1	50	1								50	1						+	+		-	100
-	Outline of Oral Health Science	1	Required	1	-					-	00	1			00	1										30	1						+	+		-	100
	Introduction to Clinical Oral Health Science	1	Required	2							UU	1						10	1															+		+	100
	Introduction to Chincal Oral Health Science	1		2									-																					+		+	
	Orthodontics	2	Required Required	5														10																+		_	100
		2		5														10																+		+	100
	Pediatric Dentistry  Crown Restoration and Health Engineering I		Required Required	4																														+		-	100
	Crown Restoration and Health Engineering I Crown Restoration and Health Engineering	2		5														10															$\blacksquare$	+		-	100
	II	1	Required	4							+																						_	+		_	
	Endodontology	1	Required															10																-		-	100
	Periodontology	1	Required	4														10																_		_	100
-	Oral Surgery and Anesthesiology I	1	Required	5														10																+			100
	Oral Surgery and Anesthesiology II	1	Required	5														10	1																		100

## Relationships between the evaluation items and class subjects of Bachelor's Program in Oral Health Science

																				Eva	luation	items																	
							1		1					d Und			ı		1								ilities a										bilities		Total weighted
			Tymo of			(1)		(2)	,	(3)		(4)		(5)		(6)	(7)	/	(8	,	(9)	***	(1)		(2	/	(3	3)		1)		5)		1)		2)	(3)		values of
Subject t type		No. of credits	Type of course registration		dvalues of evaluati	Weighte dvalues of	evaluat	Weighte dvalues	evaluati	Weight dvalues of	evaluati	Weight dvalues of	evaluati	Weighte dvalues of	evaluati	Weighte dvalues of	evaluati o	Weighte Ivalues of	evaluati o	Weighte dva dvalues of of eva	aluati of	ghte dvalues of evalu	uati of	eighte alues	evaluati	Weighte Ivalues of	evaluati	of	evaluati	of	evaluati	of	evaluati	Weighte dvalues of	evaluati	Weighte dvalues of	Weighte dvalues V of devaluati on items e	Weighte dvalues of	evaluatio n items in the
					in the subject	on items	s in the subject		in the subject		ns in the subject	on item	s in the subject	on items	s in the subject	on items	in the o	on items	in the subject	on items in sul	the on it	ems in the subje		items	in the subject	on items	in the subject	on items	in the subject	on items	in the subject	on items	in the subject	on items	in the subject	on items	s in the o	on items	subject
	Oral Radiology	1	Required	4															100	1																			100
	Dentistry for Persons with Disabilities	2	Required	5															100	1																			100
	Lifestyle-related Dentistry and Geriatric Dentistry	2	Required	5															100	1																			100
	Dental Material	1	Required	3															100	1																			100
	Dental Anesthesiology	1	Required	4															100	1																			100
	Oral Health Management	1	Required	5															100	1																			100
	Quality and Safety Management in Dentistry	1	Required	5															50	1							50	1											100
	Team Care for Oral Health	1	Required	5					50	1	50	1																											100
	Basic Training for Assistant Work in Dental Treatment I	1	Required	3																							50	1							50	1			100
	Basic Training for Assistant Work in Dental Treatment II	1	Required	4																							50	1							50	1			100
	Basic Training for Assistant Work in Dental Treatment III	1	Required	5																															100	1			100
	Basic Training for Assistant Work in Dental Treatment IV	1	Required	6																							50	1							50	1			100
	Basic Training for Assistant Work in Dental Treatment V	1	Required	6																							50	1							50	1			100
cts	Practice of Oral Health Behavior I	1	Required	3																									100	1									100
Subject	Practice of Oral Health Behavior II	1	Required	4																		5	50	1			50	1											100
tion S	Practice of Oral Health Behavior III	1	Required	4																		10	00	1															100
Educa	Practice of Oral Health Behavior IV	1	Required	5																		5	50	1			50	1											100
ized I	Medical Informatics	2	Required	4																					100	1													100
ecial	Practice of Oral Health Management I	1	Required	4															100	1																			100
Sr	Practice of Oral Health Management II	1	Required	4																		10	00	1															100
	Practice of oral Health Management III	1	Required	5																		10	00	1															100
	Practice of oral Health Management IV	1	Required	5																							100	1											100
	Principles of Rehabilitation	1	Required	6															100	1																			100
	Dysphagia Rehabilitation	1	Required	5																							100	1											100
	Practice of Oral Rehabilitation	1	Required	6																							100	1											100
	Nursing I	1	Required	3															100	1																			100
	Nursing IIA	1	Required	4															100	1																			100
	Nursing IIB	1	Required	4															100	1																			100
	Nursing III	2	Free elective	5																	50	1									50	1							100
	Fundamentals of Nursing Skill	1	Free elective	4																											100	1							100
	Nursing Practice in Hospital (Yogo Teacher)	1	Free elective	6																					50	1									50	1			100
	Outline of Health Promotion by Yogo Teacher	2	Free elective	5																											100	1							100
	Health Consultation	1	Free elective	6																											100	1							100

## Relationships between the evaluation items and class subjects of Bachelor's Program in Oral Health Science

																			I	Evaluati	on iter	ns																
											Kı	nowled	lge and	Unde	rstandi	ng									Abi	lities a	nd Sk	ills					Comp	orehen	sive Al	bilities		Γotal
					(	(1)	(	(2)	(.	3)	(4	4)	(.	5)	(6	5)	(7)		(8)	(	9)	(1)	)	(2)	)	(3	)	(4	4)	(:	5)	(	1)	(	(2)	(3	<i>J</i> 1	weighted
Subjec t type	Class Subject	No. of credits	Type of course registration	Semester s	Weighte dvalues of evaluati on items in the subject	Weighte dvalues of evaluati	evaluati	Weighte dvalues	evaluati on items	Weighte dvalues of evaluati	evaluati on items	Weighte dvalues	evaluati on items	Weighte dvalues of evaluati on items	evaluati on items	Weighte dy dvalues of of ev evaluati or on items in	valuati of n items eval	evaluat	Weight dvalues of s evaluati	evaluati on items	Weighte dvalues of evaluati	evaluati o on items e	Veighte dva values of f eva	luati of items ev he or	Veighte of values of evaluati of items i	evaluati on items	Weighte dvalues of evaluati on items	evaluati on items	of	evaluati on items	Weighte dvalues of	evaluati on items	Weighte dvalues	evaluati on items	Weighte dvalues of evaluati on items	evaluati on items	Weighte every dvalues of in	n the
	Seminar on School Health I	1	Free elective	e 6																										50	1					50	1	100
	Seminar on School Health II	1	Free elective	e 6																										50	1					50	1	100
	Pediatrics	1	Free elective	e 5																100	1																	100
ts	Psychiatry	1	Free elective	e 5																100	1																	100
ubjec	Mental Health	1	Free elective	5																100	1																	100
tion S	Health Science on Sports Dentistry and Temporomandibular	1	Required	5														100	1																			100
duca	Disaster Dentistry and Forensic Odontology	1	Required	6					20	1	20	1	20	1			20	1 20	1																			100
zed E	Clinical Practice on Oral Health	20	Required	6-8																						50	1							50	1			100
eciali	Clinical Practice on Oral Health Management	5	Free elective	7,8																														100	1			100
$S_{\mathbf{I}}$	Special Study for Graduation	3	Required	6-8																												100	1					100
	Research Start-Up	1	Required	4																						100	1											100
	Seminar of International Dentistry A	1	Free elective	1,3,5,7,9,1			60	1																40	1													100
	Seminar of International Dentistry B	1	Free elective	2,4,6,8,10,			60	1																40	1													100

		st grade		nd grade		grade		grade
Evaluation items	1st semester	2nd semester  ((**) Information and Data Sciences Subjects	3rd semester	4th semester	5th semester	6th semester	7th semester	8th semester
	Basic Courses in University Education     Information and Data Sciences Subjects	(©) Information and Data Sciences Subjects (©) Area Courses	(©) Peace Science Courses		+ +	+ +		
owledge and understanding of liberal arts	Area Courses	(©) Health and Sports Subjects						
h as humanities and natural science	(D) Health and Sports Subjects	(©) Basic Subjects						
<u>(</u>	Basic Subjects							
	Foreign Language Subjects	(©) Foreign Language Subjects	(△) Seminar of International Dentistry A	(△) Seminar of International Dentistry B	(△) Seminar of International Dentistry A	(△) Seminar of International Dentistry B	(△) Seminar of International Dentistry A	(△) Seminar of International Dentistry
. 1 1			(2) Schillar of International Defitistry A	(2) Schillar of International Dentistry B	(△) Seminar of International Dentistry A	(a) Schillar of International Defitistry B	Schinar of International Dentistry A	(2) Seminar of international Dentistry
eign ianguages and culture	△) Seminar of International Dentistry A	( $\Delta$ ) Seminar of International Dentistry B						
owledge and understanding on principles			(©) Medical Ethics		(©) Team Care for Oral Health	(©) Disaster Dentistry and Forensic Odontology		
medicine			+ +					
nowledge and understanding of basic	Outline of Oral Health Science				(®) Team Care for Oral Health	(©) Disaster Dentistry and Forensic Odontology		
havior as a dental profession								
*			(©) Tooth Morphology	(©) Social Dentistry		(©) Social Welfare		
nowledge and understanding of structure			(©) Basic Class of Oral Science	(©) Environmental and Public Health		(©) Disaster Dentistry and Forensic Odontology		
d function of human body, teethes, and			(©) Technical Training for Tooth Carving			, , , , , , , , , , , , , , , , , , ,		
		(0) N	(©) Public Health Administration	(0) P		(0) (0) (1) (1)		
owledge and understanding of the	Anatomy and Oral Anatomy	(©) Physiology and Oral Physiology	(©) Basic Class of Oral Science (©) Oral Histology	(©) Practice on Basic Dental Sciences		(©) Clinical Medicine		
velopment of diseases and promotion of			(©) Microbiology and Oral Microbiology	<del>-</del>				
recovery process			(©) Immunology (©) Basic Biochemistry (included Food Science					
			(©) Basic Biochemistry (included Food Science	e <mark>) </mark>				
owledge and understanding of social stems related to oral health and			(©) Pathology and Oral Pathology			(©) Clinical Medicine (©) Disaster Dentistry and Forensic Odontology	<u> </u>	
ophylactics		+ +	+ +	++	+ +	(S) Disaster Defitistry and Pofensic Odontology	+	
		(©) Introduction to Clinical Oral Health Science				(⊚) Principles of Rehabilitation		
		(©) Introduction to Dental Science	(©) Dental Health	(©) Endodontology	(©) Orthodontics	(©) Disaster Dentistry and Forensic Odontology		
<u> </u>		++	(©) Dental Material	(©) Periodontology	(©) Pediatric Dentistry		+ +	
., , <u>, , , , , , , , , , , , , , , , , </u>		+	(©) Nursing I	(©) Oral Radiology (©) Dental Anesthesiology	Crown Restoration and Health Engineering I     Oral Surgery and Anesthesiology I		+ +	
oweldge and understanding of specialities				(©) Nursing IIA	(©) Oral Surgery and Anesthesiology II			
ated to dental hygienist (dental disease evention, dental treatment assist, detal				(©) Nursing IIB	(©) Dentistry for Persons with Disabilities			
alth guidance)				(©) Practice of Oral Health Management I	(©) Lifestyle-related Dentistry and Geriatric			<u> </u>
· ·		+	+ +		Dentistry  (©) Oral Health Management			
<del> </del>				1	(©) Quality and Safety Management in Dentistry			
					Health Science on Sports Dentistry and			
					Temporomandiodiai			
<u> </u>		++		+ +	(△) Nursing III (△) Pediatrics			
e knowledge and understanding on		+ +	1 1	1 1	(△) Psychiatry		<del>   </del>	
ysical education in school					(△) Mental Health			
<u> </u>			(©) Technical Training for Tooth Carving	(©) Interpersonal Communication (©) Health and Medical Communication	(©) Practice of oral Health Management III			
				(©) Practice of Oral Health Management II				
oilities and skills to communicate as a ntal profession				(©) Practice of Oral Health Behavior II				
mai profession				(©) Practice of Oral Health Behavior III				
<u> </u>				(©) Practice of Oral Health Behavior IV				
(	△) Seminar of International Dentistry A	(△) Seminar of International Dentistry B	(©) Technical Training for Tooth Carving	(©) Practicum of Oral Health	(△) Seminar of International Dentistry A	(△) Nursing Practice in Hospital (Yogo Teacher)	(A) Seminar of International Dentistry A	(△) Seminar of International Dentistr
emprehensive ability to separate necessary	,	(-)	(△) Seminar of International Dentistry A	(©) Social Dentistry	(-)	( $\triangle$ ) Seminar of International Dentistry B	(	
d unnecessary information, summarize				(©) Medical Informatics				
d output it				(Δ) Seminar of International Dentistry B				
						Basic Training for Assistant Work in Dental		(2)
			(©) Technical Training for Tooth Carving	(©) Practice on Basic Dental Sciences	(©) Quality and Safety Management in Dentistry	(©) Basic Training for Assistant Work in Dental Treatment IV	(©) Clinical Practice on Oral Health	(©) Clinical Practice on Oral Health
			(©) Basic Biochemistry (included Food Science	e) (③) Practicum of Oral Health	(©) Dysphagia Rehabilitation	(©) Basic Training for Assistant Work in Dental		
oweldge and understanding that are		+	Pagio Training for Aggistant Worls in Donts			Treatment V		
puired to serve as a dental hygienist			(©) Treatment I		(©) Practice of oral Health Management IV	(©) Practice of Oral Rehabilitation		
ental disease prevention, dental treatment				Basic Training for Assistant Work in Denta	ıl	(©) Clinical Practice on Oral Health		
sist, detal health guidance)				Treatment II		(e) Chilical Fractice of Oral Ficaltii	<b> </b>	
<u> </u>		++		(©) Practice of Oral Health Behavior II (©) Practice of Oral Health Behavior IV				
H		+ +	1	( ) Fractice of Oral Ficality Bellavior IV		+ +	+ +	1
				(©) Research Start-Up				
			(©) Practice of Oral Health Behavior I					
e ability and basic skills necessary to		++	Other Federal Deliation 1		+ +	+ +	+ +	
cover the issues on oral education and induct research planning • promotion •								
ult analysis • result presentation		+ +	1 1	1 1	+ +	+ +	<del>   </del>	
-			<u>                                     </u>		<u>                                     </u>	<u>                                     </u>	<u>                                     </u>	<u> </u>
e intellectual knowledge and basic skills				(△) Fundamentals of Nursing Skill	(△) Nursing III	(△) Health Consultation		
essary for relating to physical education chool		+ +	1	1	(△) Outline of Health Promotion by Yogo	(△) Seminar on School Health I (△) Seminar on School Health II	<del>                                     </del>	
DIOOI		+ +	+ +	++	+ +	(△) Semmar on School Health II (◎) Special Study for Graduation	(©) Special Study for Graduation	(©) Special Study for Graduation
nprehensive ability to learn over a course		++	+ +	+ +	+ +	Special Study for Graduation	Special Study for Graduation	(S) Special Study for Graduation
ife as a dental profession		+	+ +					
		<del>-   -  </del>	Basic Training for Assistant Work in Denta	Basic Training for Assistant Work in Denta	Basic Training for Assistant Work in Dental	Basic Training for Assistant Work in Dental		
			(©) Basic Training for Assistant Work in Denta Treatment I	(©) Basic Training for Assistant Work in Denta	(©) Basic Training for Assistant Work in Dental Treatment III	(©) Basic Training for Assistant Work in Dental Treatment IV	(©) Clinical Practice on Oral Health	(©) Clinical Practice on Oral Health
e comprehensive basic capacity of dental		1		Treatment II	Transition III	Pagia Training for Aggistant Worls in Dontal	(A) Clinical Practice on Oral II 11 24	(A) Clinical Provider C. 111 11
phylaxes, dental care supports and dental lth guidance as a dental team						Treatment V	(△) Clinical Practice on Oral Health Management	(△) Clinical Practice on Oral Health
mi gardanec as a dentai team						(A) Nursing Practice in Hospital (Yogo Teacher)		
		++	+	++	+ +	(©) Clinical Practice on Oral Health	<del>                                     </del>	
e general power of conducting basic		+	1			(△) Seminar on School Health I		
sical education in school						(△) Seminar on School Health II		
Lear education in sensor	i	i I	i 1	i I	1 1	i 1	i 1	1 1

## Program member list of Bachelor's Program in Oral Health Science

04/01/2024

Mail: Please add "@hiroshima-u.ac.jp"

Name	Position	Laboratory name	Mail
OOTA KOUJI	Professor	Public Oral Health	otkouji
SHIGEISHI HIDEO	Associate Professor	Public Oral Health	shige
MAEHARA TOMOKO	Assistant Professor	Public Oral Health	tmaehara
KANEYASU YOSHINO	Assistant Professor	Public Oral Health	yoshi-kane
NAITO MARIKO	Professor	Maxillofacial Functional Development	naitom
NISHIMURA RUMI	Assistant Professor	Maxillofacial Functional Development	r-nishimura
TAKEMOTO TOSHINOBU	Professor	Oral Health Management	takefn
NIITANI YOSHIE	Assistant Professor	Oral Health Management	kakiura