






### Knowledge & understanding

1. Knowledge and understanding related to liberal arts, such as hu
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,
6. Knowledge and understanding related to disease processes and promotion of recovery processes
7. Knowledge and understanding of the mechanisms
8. Knowledge and understanding related to the specialized fields of dental hygienists (prevention
9. Knowledge and understanding related to school health

### Abilities & skills

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

<Program of Oral Health Science>

Type	Subject type	Required No. of credits	Class subjects, etc.	No. of credits	Type of course registration	Year in which the subject is taken (Note 1)					
						1st grade		2nd grade			
						1st semester	2nd semester	3rd semester	4th semester		
Liberal Arts Education Subjects	Peace Science Courses	2		2	Elective/required						
	Basic Courses in University Education	Introduction to University Education	2	Introduction to University Education	2	Required					
		Liberal Arts Education	2	Introductory Seminar for First-Year Students	2	Required					
		Advanced Seminar	0	Advanced Seminar	1	Freeelective					
	Common subjects	Area Courses	2	General Health and Oral Sciences I	2	Required					
			2	General Health and Oral Sciences II	2	Required					
			4	From Courses in Arts and Humanities / Social Sciences (Note 2) (Note 3)	1 or 2	Elective/required					
		Foreign Language Subjects	English	Communication Basic	2	Communication Basic I Communication Basic II	1 1	Required (Note 4) (Note 5)			
	Communication I			2	Communication I Communication I	1 1					
	Communication II		2	Communication II Communication II	1 1						
	Initial Program Languages (You have to select one language from German, French and Chinese.)		4	Basic Foreign Language Subjects I	1	Elective/required (Note 6)					
		Basic Foreign Language Subjects II		1							
		Basic Foreign Language Subjects III		1							
		Basic Foreign Language Subjects IV		1							
	Information and Data Sciences Subjects	2	Introduction to Information and Data Sciences	2	Required (Note 7)						
		2	From courses in Information and Data Sciences Subjects	2	Elective/required						
	Health and Sports Subjects	2	Health and Sports Sciences	2	Elective/required						
			Practicum in Sports A	1							
			Practicum in Sports B	1							
			Sports Theory and Exercise	1							
	Social Cooperation Courses	0		1 or 2	Free elective						
	Basic Subjects	4	Psychology for Medical Care Workers	2	Required (Note 8)						
			Development of International Collaboration in Medical Science	2	Required						
2		Foundation biology for life science (Note 9)	2	Elective/required							
		Cell Science	2								
		Anatomy for understanding human being I	1								
		Anatomy for understanding human being II	1								
2	Basic Concepts of Chemistry	2	Elective/required								
	General Chemistry	2									
Total	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 "Field Research in the English-speaking World" based on short term language study abroad or other relevant program, or by taking the "Online English Course 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 graduation (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."







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

Academic achievements		Evaluation criteria		
Evaluation items		Excellent	Very Good	Good
Knowledge and Understanding	(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
	(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
	(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
	(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
	(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) Knowledge 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
Abilities and Skills	(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.
	(3) Knowledge 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.
	(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.
Comprehensive 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.
	(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
	(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 of Program of Oral Health Science

Subject type	Class Subject	No. of credits	Type of course registration	Semesters	Evaluation items																														Total weighted values of evaluation items in the subject
					Knowledge and Understanding															Abilities and Skills										Comprehensive Abilities					
					(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(1)	(2)	(3)	(4)	(5)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)					
Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject	Weighted values of evaluation items in the subject							
Liberal Arts Education Subjects	Peace Science Courses	2	Required	3	100	1																													100
	Basic Courses in University Education	4	Required	1	100	1																													100
	Area Courses	8	Required	1,2	100	1																													100
	Foreign Language Subjects	10	Required	1,2			100	1																											100
	Information and Data Sciences Subjects	4	Required	1,2	100	1																													100
	Health and Sports Subjects	2	Required	1,2	100	1																													100
	Basic Subjects	8	Required	1,2	100	1																													100
Specialized Education Subjects	Anatomy and Oral Anatomy	2	Required	1									100	1																				100	
	Tooth Morphology	1	Required	3								100	1																					100	
	Basic Class of Oral Science	1	Required	3								50	1	50	1																			100	
	Technical Training for Tooth Carving	1	Required	3								70	1							10	1	10	1	10	1									100	
	Oral Histology	2	Required	3										100	1																			100	
	Physiology and Oral Physiology	2	Required	2										100	1																			100	
	Pathology and Oral Pathology	2	Required	3											100	1																		100	
	Pharmacology and Dental Pharmacology	2	Required	3												100	1																	100	
	Microbiology and Oral Microbiology	2	Required	3										100	1																			100	
	Immunology	1	Required	3										100	1																			100	
	Practice on Basic Dental Sciences	1	Required	4											70	1																		100	
	Dental Health	2	Required	3																	100	1												100	
	Practicum of Oral Health	1	Required	4																		50	1	50	1									100	
	Social Dentistry	1	Required	4																		50	1											100	
	Public Health Administration	1	Required	3																														100	
	Environmental and Public Health	1	Required	4																														100	
	Interpersonal Communication	1	Required	4																		100	1											100	
	Health and Medical Communication	1	Required	4																		100	1											100	
	Clinical Psychology	1	Required	5																														100	
	Social Welfare	1	Required	6																														100	
	Medical Ethics	1	Required	3																														100	
	Clinical Medicine	2	Required	6																														100	
	Basic Biochemistry	2	Required	3																														100	
	Seminar of Nourishment Guidance (included Food Science)	1	Required	4																														100	
	Outline of Oral Health Science	1	Required	1																														100	
	Introduction to Clinical Oral Health Science	1	Required	2																														100	
	Introduction to Dental Science	1	Required	2																														100	
Orthodontics	2	Required	5																														100		
Pediatric Dentistry	2	Required	5																														100		
Crown Restoration and Health Engineering I	1	Required	4																														100		
Crown Restoration and Health Engineering II	2	Required	5																														100		
Endodontology	1	Required	4																														100		
Periodontology	1	Required	4																														100		
Oral Surgery and Anesthesiology I	1	Required	5																														100		
Oral Surgery and Anesthesiology II	1	Required	5																														100		





Curriculum Map of Program of Oral Health Science

Academic achievements		1st grade		2nd grade		3rd grade		4th grade	
Evaluation items		1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester	7th semester	8th semester
Knowledge and Understanding	Knowledge and understanding of liberal arts such as humanities and natural science	( ) Basic Courses in University Education ( ) Information and Data Sciences Subjects ( ) Area Courses ( ) Health and Sports Subjects ( ) Basic Subjects	( ) Information and Data Sciences Subjects ( ) Area Courses ( ) Health and Sports Subjects ( ) Basic Subjects	( ) Peace Science Courses					
	The knowledge and understanding on foreign languages and culture	( ) Foreign Language Subjects ( ) Seminar of International Dentistry A	( ) Foreign Language Subjects ( ) Seminar of International Dentistry B	( ) 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 B
	Knowledge and understanding on principles of medicine			( ) Medical Ethics		( ) Team Care for Oral Health	( ) Disaster Dentistry and Forensic Odontology		
	Knowledge and understanding of basic behavior as a dental profession	( ) Outline of Oral Health Science				( ) Team Care for Oral Health	( ) Disaster Dentistry and Forensic Odontology		
	Knowledge and understanding of structure and function of human body, teeth, and oral			( ) Tooth Morphology ( ) Basic Class of Oral Science ( ) Technical Training for Tooth Carving ( ) Public Health Administration	( ) Social Dentistry ( ) Environmental and Public Health		( ) Social Welfare ( ) Disaster Dentistry and Forensic Odontology		
	Knowledge and understanding of the development of diseases and promotion of the recovery process	( ) Anatomy and Oral Anatomy	( ) Physiology and Oral Physiology	( ) Basic Class of Oral Science ( ) Oral Histology ( ) Microbiology and Oral Microbiology ( ) Immunology ( ) Basic Biochemistry	( ) Practice on Basic Dental Sciences		( ) Clinical Medicine		
	Knowledge and understanding of social systems related to oral health and prophylactics			( ) Pathology and Oral Pathology			( ) Clinical Medicine ( ) Disaster Dentistry and Forensic Odontology		
	Knowledge and understanding of specialties related to dental hygienist (dental disease prevention, dental treatment assist, dental health guidance)		( ) Introduction to Clinical Oral Health Science ( ) Introduction to Dental Science	( ) Pharmacology and Dental Pharmacology ( ) Dental Health ( ) Dental Material ( ) Practice of Oral Health Management I ( ) Nursing I	( ) Crown Restoration and Health Engineering I ( ) Endodontology ( ) Periodontology ( ) Oral Radiology ( ) Dental Anesthesiology ( ) Nursing IIA ( ) Nursing IIB	( ) Clinical Psychology ( ) Orthodontics ( ) Pediatric Dentistry ( ) Crown Restoration and Health Engineering II ( ) Oral Surgery and Anesthesiology I ( ) Oral Surgery and Anesthesiology II ( ) Dentistry for Persons with Disabilities ( ) Lifestyle-related Dentistry and Geriatric Dentistry ( ) Oral Health Management A ( ) Quality and Safety Management in Dentistry ( ) Health Science on Sports Dentistry and Temporomandibular	( ) Principles of Rehabilitation ( ) Disaster Dentistry and Forensic Odontology		
		The knowledge and understanding on physical education in school				( ) Oral Health Education	( ) Education Act for School Dental Health ( ) Nursing III ( ) Pediatrics ( ) Psychiatry ( ) Mental Health		
		Abilities and skills to communicate as a dental profession			( ) Technical Training for Tooth Carving ( ) Practice of Oral Health Management II	( ) Interpersonal Communication ( ) Health and Medical Communication	( ) Practice of Oral Health Behavior V ( ) Practice of Oral Health Behavior VI		
Comprehensive ability to separate necessary and unnecessary information, summarize and output it			( ) Seminar of International Dentistry A	( ) Seminar of International Dentistry B	( ) Technical Training for Tooth Carving ( ) Seminar of International Dentistry A	( ) Practicum of Oral Health ( ) Social Dentistry ( ) Medical Informatics ( ) Seminar of International Dentistry B	( ) Seminar of International Dentistry A ( ) Nursing Practice in Hospital (Yogo Teacher) ( ) Seminar of International Dentistry B	( ) Seminar of International Dentistry A ( ) Seminar of International Dentistry B	( ) Seminar of International Dentistry B
Abilities and Skills	Knowledge and understanding that are required to serve as a dental hygienist (dental disease prevention, dental treatment assist, dental health guidance)		( ) Technical Training for Tooth Carving ( ) Basic Biochemistry ( ) Basic Training for Assistant Work in Dental Treatment I	( ) Practice on Basic Dental Sciences ( ) Practicum of Oral Health ( ) Seminar of Nourishment Guidance (included Food Science) ( ) Basic Training for Assistant Work in Dental Treatment II ( ) Practice of Oral Health Behavior II ( ) Practice of Oral Health Behavior IV ( ) Practice of oral Health Management IV ( ) Research Start-Up	( ) Quality and Safety Management in Dentistry ( ) Practice of Oral Health Behavior V ( ) Practice of Oral Health Management V ( ) Practice of Oral Health Management VI ( ) Dysphagia Rehabilitation	( ) Basic Training for Assistant Work in Dental Treatment IV ( ) Basic Training for Assistant Work in Dental Treatment V ( ) Practice of Oral Health Counseling ( ) Practice of Oral Rehabilitation I ( ) Practice of Oral Rehabilitation II ( ) Clinical Practice on Oral Health	( ) Clinical Practice on Oral Health ( ) Clinical Practice on Oral Health		
		The ability and basic skills necessary to discover the issues on oral education and conduct research planning • promotion • result analysis • result presentation		( ) Practice of Oral Health Behavior I					
	The intellectual knowledge and basic skills necessary for relating to physical education in school				( ) Fundamentals of Nursing Skill	( ) Nursing III ( ) Outline of Health Promotion by Yogo	( ) Health Consultation ( ) Seminar on School Health I ( ) Seminar on School Health II		
Comprehensive Abilities	Comprehensive ability to learn over a course of life as a dental profession					( ) Special Study for Graduation	( ) Special Study for Graduation	( ) Special Study for Graduation	
	The comprehensive basic capacity of dental prophylaxes, dental care supports and dental health guidance as a dental team			( ) Basic Training for Assistant Work in Dental Treatment I	( ) Basic Training for Assistant Work in Dental Treatment II	( ) Basic Training for Assistant Work in Dental Treatment III ( ) Basic Training for Assistant Work in Dental Treatment IV ( ) Basic Training for Assistant Work in Dental Treatment V ( ) Nursing Practice in Hospital (Yogo Teacher) ( ) Clinical Practice on Oral Health	( ) Clinical Practice on Oral Health ( ) Clinical Practice on Oral Health Management ( ) Clinical Practice on Oral Health	( ) Clinical Practice on Oral Health ( ) Clinical Practice on Oral Health Management	
	The general power of conducting basic physical education in school					( ) Seminar on School Health I ( ) Seminar on School Health II			

(Ex) Liberal Arts Education Subjects

Basic Specialized Courses

Specialized Courses

Special Study for Graduation

(◎) Required

(○) Elective/required

(△) Free elective

Program member list of Program of Oral Health Science

04/01/2023

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

Name	Position	Laboratory name	Mail
OTA KOUJI	Professor	Public Oral Health	otkouji
SHIGEISHI HIDEO	Lecturer	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