



THE OHIO STATE UNIVERSITY

College of Dentistry

Office of Academic Affairs

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February 20, 2020

Vice Provost W. Randy Smith
Office of Academic Affairs
Columbus, OH 43210

RE: Curricular changes to the Bachelor of Science in Dental Hygiene Program

Dear Vice-Provost Smith,

This letter is to confirm the full support of the College of Dentistry for the revisions to the curriculum of the Bachelor of Science in Dental Hygiene Program as proposed by the Dental Hygiene Curriculum Committee. These revisions are important for reducing redundancy, adding content necessary for clinical practice as well as meeting accreditation standards, promoting student interest and participation in research, and enhancing student learning by dividing the content of a course on pathology/pharmacology/medicine into two courses with more coherent foci.

Thank you for your consideration of this request.

Sincerely,

Darryl Hamamoto, DDS, PhD
Associate Dean for Academic Affairs
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THE OHIO STATE UNIVERSITY

Vice Provost W. Randy Smith
Council on Academic Affairs
Office of Academic Affairs
203 Bricker Hall
190 North Oval Mall
Columbus, OH 43210

Dear Provost Smith,

We are writing to propose a curricular change in the Bachelor of Science in Dental Hygiene from the Division of Dental Hygiene within the College of Dentistry.

- 1- The addition of 1 credit hour course to SU semester, DENTHYG 3180 (Management of Medical Emergencies). This addition was based on an identified weakness in curricular content based on the Commission on Dental Accreditation standards in preparation for our April 2020 Accreditation site visit.
- 2- Replacement of 2 credit hour DENTHYG 4420 (Current Concepts in Dental Hygiene) with 1 credit hour DENTHYG 4250 (Senior Seminar).

Other curricular changes include a redistribution of credit hours by the separation two larger courses, each into two smaller courses.

- 3- The separation of 3 credit hour DENTHYG 3120 (Pathology/Pharmacology/Medicine) into 1 credit hour DENTHYG 3160 (Pharmacology for Dental Hygiene) and 2 credit hour DENTHYG 3110 (General Pathology and Medicine for Dental Hygiene).
- 4- The separation of 4 credit hour DENTHYG 3410 (Research Methods & Interpretation) into 1 credit hour DENTHYG 2400 (Scientific Inquiry) and 3 credit hour DENTHYG 3400 (Research Application & Analysis).

With careful consideration and support from our curriculum committee we identified ways to improve our learning experience for students. Please see the attached 'Dental Hygiene Program – Proposed Program Changes' document to view, in table format, the changes and their place in the overall curriculum. The OAA proposal includes an explanation of the rationale for these changes and the process our division went through for consideration of these changes.

Thank you,

Rebecca Henderson
Assistant Professor – Clinical
Chair, Dental Hygiene Curriculum Committee

CC: Darryl Hamamoto, Rachel Kearney, Patricia Gardner



Division of Dental Hygiene Curriculum Change Proposal

The division of dental hygiene in the College of Dentistry is proposing several curricular changes to the Bachelor of Science in dental hygiene. These proposals have been evaluated and approved by the division of dental hygiene curriculum committee as well as the College of Dentistry academic dean. The changes include:

- the replacement of one two credit hour course with a one credit hour course
- the addition of a new one credit hour course
- the separation of one 4 credit hour course into to a one credit hour and a three credit hour series
- the separation of one 3 credit hour course into a one credit hour and a two credit hour course

The first includes is a proposed one credit hour DENTHYG 4250 (Senior Seminar), to replace the existing two credit hour DENTHYG 4420 (Current Concepts in Dental Hygiene) course. The rationale for this change is through implementation of our curriculum management plan (e.g. end of course review forms and a full division curriculum retreat), content overlap and potential redundancy in concepts was discovered rather than the desired progression or advanced synthesis of curricular content. The DENTHYG 4420 course director submitted a division of dental hygiene *new course proposal form* to the division of dental hygiene curriculum committee for review and discussion. The curriculum committee agreed with the existing content overlap and lack of progressive content and approved the recommendation to eliminate the two credit hour DENTHYG 4420 and replace it with one credit hour DENTHYG 4250.

The next change is the proposed addition of a new, one credit hour, major required course, DENTHYG 3180 (Management of Medical Emergencies). This change would occur during a required summer semester, increasing major credit hours that semester from 5 to 6. The rationale for this change stems from preparation for an accreditation site visit. The Commission on Dental Accreditation curriculum standard requires *demonstration of content regarding patient management, clinical dental hygiene, provision of services for and management of patients with medical and dental emergencies*. This content occurred in small intervals dispersed throughout several courses, however the course director submitted a proposal for a standalone course for concentrated and more continuous content delivery. A division of dental hygiene *new course proposal form* with a proposed syllabus was submitted to the division of dental hygiene curriculum committee for review and discussion. The curriculum committee deliberated over the impact of adding one credit hour to the major course of instruction (thereby reducing an elective hour). The content was deemed necessary and relevant to incorporate into the curriculum. There does not appear to be an anticipated impact on any students, faculty or staff outside of our unit and the curricular content does not appear to overlap with interests outside our unit. The proposed change has been approved by our division's curriculum committee, the division faculty and the department chair of the Oral & Maxillofacial Surgery, which is the home college division for the DENTHYG 3180 course director. These two course changes would maintain our total major hours at 62 for the Bachelor of Science in dental hygiene.



The last two curricular change requests include the redistribution of credit hours by separation of two courses into four courses.

The first proposal includes a separation of 4 credit hour DENTHYG 3410 (Research Methods & Interpretation) into a research “series”, spread over two semesters. The first course, a one credit hour DENTHYG 2400 (Scientific Inquiry) followed by a three credit hour DENTHYG 3400 (Research Application & Analysis). The rationale stems from data collected as part of the curriculum management plan components from an internal & external peer review, end of course review, and full division curriculum retreat. Based on the information gathered in this process, the course director submitted a division of dental hygiene *new course proposal forms* along with proposed syllabi to the division of dental hygiene curriculum committee for both courses, outlining content for the research series. The separation of this course into two, would allow for delivery of foundational content within DENTHYG 2400 and allow for synthesis and analysis of scientific data in the second research course (DENTHYG 3400). Additionally, this change would idealize curricular sequencing to promote greater participation in original research and engagement in the dissemination of research through oral presentation at various local and national research and/or educational meetings. The curriculum committee considered the impact of moving one course into another semester and approved the dissemination of content and the separation of DENTHYG 3140 into two smaller courses as a research series.

The last proposed change includes the separation of one 3 credit hour DENTHYG 3120 (Pathology/Pharmacology/Medicine) into 1 credit hour DENTHYG 3160 (Pharmacology for Dental Hygiene) and 2 credit hour DENTHYG 3110 (General Pathology and Medicine for Dental Hygiene). The rationale for this change is that through implementation of our curriculum management plan (e.g. end of course review forms and a full division curriculum retreat) the course director identified a way for more sequential and digestible delivery of content for students. The course director identified a natural separation of content into two courses and worked with their division chair to identify an additional faculty expert to teach one of the courses. The two proposed course directors submitted division of dental hygiene *new course proposal forms* along with proposed syllabi to the division of dental hygiene curriculum committee for review and discussion. The curriculum committee approved the dissemination of content and separation of DENTHYG 3120 into two smaller courses within the same semester.

Dental Hygiene Program - Proposed Program Changes

GE and Program Prerequisites		Dental Hygiene Major - Current		Dental Hygiene Major - Proposed	
English 1110	3	Semester 1 (AU):	17	Semester 1 (AU):	17
Second Writing Course	3	2110 (4), 2130 (2), 2140 (2),		2110 (4), 2130 (2), 2140 (2),	
Math 1116 or above	3	2150 (2), 2220 (1), 2240 (2),		2150 (2), 2220 (1), 2240 (2),	
Anatomy 2300	4	2300 (4)		2300 (4)	
Biology 1101, 1110 or 1113	4	Semester 2 (SP):	15	Semester 2 (SP):	16
Chemistry 1110 or 1210	5	2170 (2), 2310 (3), 3120 (3),		2170 (2), 2310 (3), 2400 (1),	
EEOB 2520	3	3140 (2), 3150 (2), 3170 (1),		3110 (2), 3140 (2), 3150 (2),	
Human Nutrition 2210 / 2310	3	3230 (2)		3160 (1), 3170 (1), 3230 (2)	
Microbiology 4000	4	Semester 3 (SU):	5	Semester 3 (SU):	6
Psychology 1100	3	3210 (2), 3320 (3)		3180 (1), 3210 (2), 3320 (3)	
Sociology 1101	3	Semester 4 (AU):	13	Semester 4 (AU):	12
Historical Study	3	3130 (2), 3330 (4), 3410 (4),		3130 (2), 3330 (4), 3400 (3),	
Literature	3	4210 (1), 4530 (2)		4210 (1), 4530 (2)	
Visual and Performing Arts	3	Semester 5 (SP):	12	Semester 5 (SP):	11
Cultures and Ideas, Social Science or Historical Study	3	4220 (1), 4240 (2), 4340 (4), 4420 (2), 4430 (3)		4220 (1), 4240 (2), 4340 (4), 4420 (1), 4430 (3)	
Open Option	3	Total Current Major	62	Total Proposed Major	63
Total GE and Prerequisites	53	Total GE and Prerequisites	53	Total GE and Prerequisites	53
		Area of Specialization: Expanded Functions Dental Auxiliary: 4725 (4), 4740 (2), 4750 (1), 4760 (1) OR Dental Hygiene Education: 4620 (3), 4640 (3) OR Individualized specialization: 6 or more hours as approved by curriculum committee	6-8	Area of Specialization: Expanded Functions Dental Auxiliary: 4725 (4), 4740 (2), 4750 (1), 4760 (1) OR Dental Hygiene Education: 4620 (3), 4640 (3) OR Individualized specialization: 6 or more hours as approved by curriculum committee	6-8
		Electives	1-3	Electives	1-3
		DEGREE TOTAL	124	DEGREE TOTAL	124

Summary of Proposed Changes:

Add 3180 Management of Medical Emergencies (1)

Change 4420 Current Concepts in Dental Hygiene from 2 credit hours to 1 credit hour

Divide content of 3120 General Pathology, Pharmacology and Medicine for Dental Hygiene (3) to 3110 General Pathology and Medicine for Dental Hygiene (2) and 3160 Pharmacology for Dental Hygiene (1)

Divide content of 3410 Research Methods and Interpretation (4) to 2400 Scientific Inquiry (1) and 3400 Research Application and Analysis (3)