

Bachelor of Oral Health in Oral Health Therapy Studies award major
School of Dentistry and Oral Health
Griffith University

Degree requirements

To be eligible for the award of *Bachelor of Oral Health in Oral Health Therapy Studies* (BOH) a student must acquire 240CP as prescribed below:

- gain 160CP of credit (recognised advanced standing awarded on the basis of recognised dental therapy or dental hygiene qualification)
- gain 80CP for the prescribed courses
- the grade of **Pass Conceded (PC)** will not be allowed for any DOH-coded courses within this program (a student who fails a DOH-coded course will be required to repeat that course in order to progress through the program)
- gain no more than 10CP for non DOH-coded courses in which a grade of **Pass Conceded (PC)** has been attained.

Bachelor of Oral Health in Oral Health Therapy Studies

- Students must gain 160CP of credit (recognised advanced standing awarded on the basis of recognised dental therapy or dental hygiene qualification) and complete 80CP of the following prescribed core course
- 1 year (2 semesters) for new Bachelor of Oral Health in Oral Health Therapy Studies award major for students eligible for 160CP advanced standing
- Yes – separate QTAC and UAC entry point required
- **QTAC:**
233822: Bachelor of Oral Health in Oral Health Therapy (existing)
New QTAC code: Bachelor of Oral Health in Oral Health Therapy Studies
- **UAC:**
283311 Bachelor of Oral Health in Oral Health Therapy (existing)
New UAC code: Bachelor of Oral Health in Oral Health Therapy Studies
- Note to BSS and Student Admin – students who are eligible to undertake the B Oral Health in Oral Health Therapy Studies award major will need to be manually enrolled; they will receive 160CP of advanced standing and only need to complete 80CP. (see 1161/1162/1165 for config on set-up for dummy plans; but please note these programs do not provide a different testamur title)

Contact:

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Course list

Year	Semester	Course code	Course title	Cr
1	I	<u>1013ENV</u>	Chemistry in Biological Systems 1	10
1	I	<u>1005MSC</u>	Cell Biology	10
1	I	<u>1014MSC</u>	Cells, Tissues and Regulation	10
1	I	<u>3023DOH</u>	Research Development	10
1	II	<u>1015MSC</u>	Chemistry in Biological Systems 2	10
1	II	<u>1016MSC</u>	Anatomy and Physiology Systems 1	10
1	II	<u>1017MSC</u>	Anatomy and Physiology Systems 2	10
1	II	<u>2008DOH</u>	Microbiology for Oral Health	10

Why choose this program?

The Bachelor of Oral Health in Oral Health Therapy Studies award major will provide students with the scientific foundations of the disciplines of dental therapy and/or dental hygiene as well as the theory and practice of research. Courses include chemistry, cell biology, anatomy, physiology, oral microbiology and research development. This scientific foundation enables graduates to be better prepared to meet the challenges of child and adult patients with complex dental and medical histories as well as be able to understand and interpret the properties of new restorative materials and products in dentistry. The research knowledge and skills will enable graduates to conduct research in the disciplines of dental therapy and/or dental hygiene.

Attendance

This program is offered full-time and part-time via on-campus delivery. For part-time/on-campus students, some classes are timetabled in the evening to allow students in full-time employment to undertake the program on a part-time basis. Students undertaking the program by full-time study may be required to attend some evening classes. Program resources are usually available via the internet.

Career Opportunities

The student profile will include senior clinicians, educators, administrators and leaders in the dental therapy and dental hygiene professions in Canada, Singapore, Malaysia and Hong Kong. Certificate, Associate Diploma, Diploma and Associate Degree qualified dental therapists and dental hygienists in Australia and overseas should be attracted to this program as it gives them a degree qualification and enables them to apply for study at the Honours and Masters level.

Professional recognition

Students who complete the Bachelor of Oral Health in Oral Health Therapy Studies award major will not complete clinical courses. As a non-clinical qualification, the Bachelor of Oral Health in Oral Health Therapy Studies award major cannot be used as a qualification for graduates to seek registration as a Dental Therapist or Dental Hygienist in Australia or New Zealand. Consequently, this program will NOT lead to registration with the Dental Board of Australia.

Year, Sem	Campus, Exist/New	Code, Title	Fees	Description	CP
1,1	GC, Exist	<u>1013ENV</u> Chemistry in Biological Systems 1	<u>FPUG Band 6</u> <u>INT_UG_3A</u>	This course introduces the basic physical and chemical principles that underlie biological systems. Upon completion of this course, students will be able to demonstrate knowledge of selected chemical concepts, principles and theories, with some application to biological phenomena. Laboratory sessions will develop competency in analytical laboratory skills and the application of chemical principles for solving problems. Topics covered are: measurement, atoms and elements, compounds and their bonds, energy and states of matter, chemical reactions, chemical quantities, solutions, acids and bases, gases and nuclear radiation. Emphasis will be given to basic bio-analytical and bio-inorganic chemistry.	10
1,1	GC, Exist	<u>1005MSC</u> Cell Biology	<u>FPUG Band 6</u> <u>INT_UG_3A</u>	This course provides essential knowledge and understanding of cell structure and function necessary for later studies in the biosciences. Students will explore the biological processes of cells, both microbial and those from the tissues of higher animals and plants. This course emphasises the development of both knowledge and understanding of core concepts such as cell anatomy, biochemical and physiological processes of the cell, cellular reproduction, and basic genetics. Students will participate in laboratory activities designed to enhance their understanding of the course material, as well as develop practical skills and knowledge required of a biologist. Procedures used to investigate biochemistry, and physiology and genetics at this level, and the strategy of exploiting biological processes clinically and commercially, provide a challenging opportunity to develop the practical and intellectual skills required of a biologist.	10
1,1	GC, Exist	<u>1014MSC</u> Cells, Tissues and Regulation	<u>FPUG Band 6</u> <u>INT_UG_3A</u>	William Harvey's discovery of the circulation of blood will illustrate the links between anatomy and physiology, and the power of rationale thinking and good experimentation. Characteristics of different cell types and how these construct the tissues of the body will then be discussed in some detail. How differing tissues making up a functional organ will be discussed broadly and the epidermis in more detail. Communication between tissues and cells will be emphasised, particularly membrane potentials and neural activity. This, together with an introduction to the endocrine system, will underpin discussion of homeostatic mechanisms and body regulation. The role of the epidermis in thermoregulation will be emphasised. This course will provide a necessary foundation for subsequent study of systems anatomy and physiology in semester II.	10
1,1	GC, Exist	<u>3023DOH</u> Research Development	<u>FPUG Band 9</u> <u>INT_UG_6B</u>	Research is fundamental in guiding decisions in the practice of health professions. This course focuses on further developing students' ability to prepare, conduct and evaluate	10

				research related to their practice. The student has the opportunity to pursue a detailed study in a chosen field and to enhance the skills and knowledge previous gained throughout the program. The course is designed to promote students ability to contribute to existing literature.	
1,2	GC, Exist	1015MSC Chemistry in Biological Systems 2	FPUG Band 6 INT_UG_3A	<p>This course builds on material presented in Chemistry of Biological Systems I, extending study of physical and analytical chemistry, but also introducing organic chemistry, which underpins all biochemical processes and the molecular basis of life. The knowledge obtained will provide a solid foundation for following courses in biomedical science, health science, oral health, physiotherapy & exercise science, and pharmaceutical science.</p> <p>The course has an emphasis on practical laboratory skills. This, with the other components of the course, will allow students to develop problem solving skills relevant to the scientific method, competency in laboratory methods, and an ability to interpret laboratory results. The course covers the following topics: introductory analytical and physical chemistry, organic chemistry, an overview of carbohydrate, lipid, amino acid and protein chemistry and fundamentals of bioenergetics, catabolic and biosynthetic pathways.</p>	10
1,2	GC Exist	1016MSC Anatomy and Physiological Systems 1	FPUG Band 6 INT_UG_3A	<p>A number of major body systems will be covered, integrating structure (anatomy) with function (physiology). This course includes lectures and laboratory experiences in the study of the musculoskeletal system, nervous system, endocrine and reproductive systems, it will provide foundational knowledge for students destined to undertake advanced studies in anatomy and physiology, and will develop analytical laboratory skills. This is a companion course to Anatomy and Physiology Systems II</p>	10
1,2	GC Exist	1016MSC Anatomy and Physiological Systems 2	FPUG Band 6 INT_UG_3A	<p>A number of major body systems will be discussed, integrating structure (anatomy) with function (physiology); this is a companion course to Anatomy and Physiology Systems I. With the cardiovascular, respiratory, renal and endocrine systems, description of human anatomy will precede physiological study, drawing on experience in laboratories as well as lectures. The functions of blood, and the anatomy and functions of the immune system will be covered. This course will provide the necessary experience and learning for students destined to undertake advanced studies in anatomy and in physiology, and will develop analytical laboratory skills.</p>	10
1,2	GC Exist	2008DOH Microbiology for Oral Health	FPUG Band 9 INT_UG_6B	<p>Microorganisms impinge on nearly every aspect of human existence, with beneficial or detrimental effects. The course will aim to contribute to the students' understanding of microbial taxonomy and biology, as well as host-microbe interactions, pathogenesis, diagnosis and prevention of infection. Microbiology for Oral Health introduces</p>	10

				<p>students to the study of microorganisms responsible for infectious diseases, with particular emphasis given to the oral environment. Students will acquire knowledge of the parasites, fungi, bacteria and viruses which cause infections in humans, and will be introduced to diagnostic techniques used in clinical situations. The pathogenesis, clinical presentations of infections as well as host defences and immune response will be studied. There will be particular reference to the oral microbial flora and the role of microorganisms in dental caries, periodontal diseases, oral mucosal and maxillo-facial infections. The laboratory sessions will focus on the practical application and expansion of the theoretical knowledge obtained in the lectures. This subject provides a foundation for the understanding of oral pathology, disease transmission, preventive measures and diagnostic techniques which will provide students with a knowledge base required for clinical practice.</p>	
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