

## The Adelaide Core Curriculum Outcome Objectives for Undergraduate Dentistry

### University Graduate Attributes

- GA 1. Has a knowledge and understanding of the content and techniques of dentistry at levels that are internationally recognised.
- GA 2. Demonstrates the ability to locate, analyse, evaluate and synthesise information from a wide variety of sources in a planned and timely manner.
- GA 3. Is able to apply effective, creative and innovative solutions, both independently and cooperatively, to current and future problems.
- GA 4. Has skills of a high order in interpersonal understanding, teamwork and communication.
- GA 5. Is proficient in the appropriate use of contemporary technologies.
- GA 6. Has a commitment to continuous learning and the capacity to maintain intellectual curiosity throughout life.
- GA 7. Is committed to the highest standards of professional endeavour and the ability to take a leadership role in the community.
- GA 8. Has an awareness of ethical, social and cultural issues within a global context, and their importance in the exercise of professional skills and responsibilities.
- GA 9. Is an effective teacher/mentor

## Clinical Competencies

<u>Clinical Exam, Diagnostic and Management Skills</u>	<u>Interpersonal Skills</u>	<u>Professional Behaviours</u>	<u>Practical/Technical Skills</u>
Gathers relevant information on presenting problems from patient or third party (CS1)	Communicates effectively with patients, their family / friends / carers, irrespective of their age, gender, background or culture (IS1)	Adopts a questioning and evidence-based approach to own work and that of others (PB1)	Ensures optimal patient comfort and privacy (PS1)
Obtains relevant psychosocial and general medical history (CS2)	Communicates and works effectively as a member of a multidisciplinary health team (IS2)	Works within limits of competence and refers patients appropriately (PB2)	Prepares patient for, and explains, technical and practical procedures (PS2)
Obtains comprehensive history of patient's oral and dental state (CS3)	Able to educate patients, their family/friends/carers and other members of the health care team (IS3)	Maintains patient confidentiality (PB3)	Ensures informed consent is obtained for all investigations and treatments (PS3)
Performs a comprehensive oral and dental examination and relevant extra oral examination (CS4)	Identifies potential danger for self and others and takes appropriate action to limit impact (IS4)	Responds appropriately to changes health care, policy and to advances in scientific knowledge and technology (PB4)	Undertakes appropriate tests and imaging investigations (PS4)
Makes an accurate assessment of patient's problems & formulates a differential diagnosis (CS5)	Able to manage pain, stress and other health issues in self, patients and members of the health care team (IS5)	Maintains an ethical approach (PB5)	Produces and maintains an accurate, complete and confidential record of patient's care (PS5)
Selects & requests appropriate investigations (CS6)		Complies with legal and regulatory requirements (PB6)	Performs preventive, diagnostic, restorative and surgical oral procedures (PS6)
Interprets and evaluates data from history, physical examination and other investigations to formulate diagnosis (CS7)		Demonstrates respect for the role and function of all involved in patient care (PB7)	Manages complications of oral health procedures (PS7)
Develops and implements comprehensive management plan and monitors its effectiveness (CS8)		Demonstrates a patient-centred approach (PB8)	Implements appropriate health and safety procedures including infection control (PS8)
Participates in health promotion and in prevention of oral disease within and outside traditional practice settings (CS9)		Ensures a safe working environment (PB9)	Applies effective practice management skills (PS9)
		Takes advantage of opportunities to teach (PB10)	Recognises and manages dental and systemic life threatening emergencies (PS10)
		Fulfills professional obligations at work and in contexts outside work (PB11)	Writes appropriate prescriptions and referrals to other health professionals and dental technicians (PS11)
		Recognises patient neglect or abuse and knows how to report it to relevant authorities (PB12)	Safely administers anaesthesia and sedation (PS12)

## Under-pinning Dental Sciences

### Bio-Dental Sciences

Understands and applies knowledge of the relevant aspect of the relevant aspect of the basic sciences that have a direct impact on present and future dental practice.

*(includes input from disciplines such as anatomy, physiology, genetics, cellular and molecular biology, biochemistry and embryology – and also includes developments in bio-technology, pharmacology, dental materials and genomics)*

### Clinical Sciences

Understands and applies knowledge of the relevant aspect of a wide range of clinical and laboratory sciences and dental health sciences within the context of present and future dental practice.

*(includes input from disciplines such as clinical chemistry, histology, microbiology, anaesthetics, dental hygiene, clinical pathology, dental surgery and its subspecialties, and relevant aspects of general internal medicine)*

### Behavioural Sciences

Understands and applies knowledge of the determinants of communication, behaviour, attitudes and beliefs

*(includes input from disciplines such as psychology, sociology, anthropology, psychobiology, ethics and law)*

### Population Health Sciences

Understands and applies knowledge of the determinants of dental and general health in individuals and human populations (including indigenous groups) across the life-span..

Understands and applies knowledge of the range of interventions leading to improvements in health care.

*(includes input from disciplines such as epidemiology, social sciences, public health, biostatistics and health services research))*