

## Dental Curriculum Equivalency Summary Form

*Once completed save this file with your name in the following format: "Last name, First Name DDS Equivalency Summary" and upload to your application.*

**Applicant Name (Last name, First Name) as indicated in application:** \_\_\_\_\_

**Current Dental School:** \_\_\_\_\_

Provide a summary, in the table below, of all courses you have taken that you wish to be considered for equivalency to meet each of Schulich Dentistry's 1<sup>st</sup> year courses.

Schulich Dentistry 1 <sup>st</sup> Year Courses	Course(s) for Equivalency Consideration
	List each course in this format: <b><i>Course Code_Course Name_ Institution</i></b> Example: DBS 8220 _Pharmacology I_ Detroit Mercy
<p><b>5102 Dental Pharmacology:</b> This course will cover key concepts in pharmacology primarily focusing on relevant drug classes for dental clinicians, such as those used in dental practice or often encountered in patients' drug histories. The mechanism(s) by which these drugs act, their adverse effects, and deleterious drug interactions will be emphasized.</p> <p>Lectures 34 hours; Labs 0 hours; Clinic 0 hours (Total 34 hours)</p>	
<p><b>5124 Growth &amp; Development:</b> This course will prepare students to understand details and the general concept of growth and development early embryology, skeletal development, general and very specific diet and nutrition from pregnancy, childhood, adults to seniors, timelines of growth and development from pre-natal to puberty, craniofacial growth and development and its influence to treatment planning of paediatric dentistry and orthodontic problems. Through milestones the students will learn when the best biological time is to get specific treatments.</p> <p>Lectures 24 hours; Labs 0 hours; Clinic 0 hours (Total 24 hours)</p>	

**5125 Operative Dentistry I:** An introduction in which students become familiar with basic instrumentation, the properties of common direct dental restorative materials, operative field management, conservative treatment, fundamentals of tooth preparation and restorative dental concepts. A variety of less complex operative procedures are covered and performed, with the aim of developing the requisite knowledge, clinical observation, judgment, and technical skill to prepare the student for more complex tasks in Year 2. A professional approach to dental treatment is emphasized.

Lectures 40.5 hours; Labs 81 hours; Clinic 0 hours (Total 121.5 hours)

**5130 Occlusion I:** Occlusion I introduces the student to the orientation of casts on a dental articulator, to basic concepts of occlusion, different jaw relationships, tooth contacts in both centric and eccentric jaw positions, and examines the functional relationships between opposing occlusal surfaces. Laboratory exercises reinforce the didactic concepts learned, further emphasizing how proper tooth form relates to achieving proper function.

Lectures 21.5 hours; Labs 44.25 hours; Clinic 0 hours (Total 66.75 hours)

**5131 Dental Anatomy:** Introduction to basic dental terminology, and to the morphological and positional characteristics of the permanent teeth. Knowledge of dental anatomy is fundamental to the study of dentistry, as well as in dental procedures that restore teeth to proper form and function. During the laboratory component, students will wax selected teeth to suitable morphology, developing appropriate positional relationships to the adjacent/surrounding teeth and supporting tissues, thus introducing the student to key restorative dental concepts, including that of self-evaluation.

Lectures 17.5 hours; Labs 36 hours; Clinic 0 hours (Total 53.5 hours)

**5140 Oral Histology:** This course provides students with an introduction to the composition, function and development of the various tissues and structures of the oral cavity and related structures. The goal of the course is to prepare the student to become competent in understanding the normal histological structures of the oral cavity and their function and be able to interpret histological tissues and relate them to clinical situations.

Lectures 18 hours; Labs 8 hours; Clinic 0 hours (Total 26 hours)

**5144 Biomaterials:** This course provides first year dentistry students with foundational knowledge associated with dental materials science. The goal of the course is to enable students to understand biomaterial concepts presented in other clinical courses such as Operative Dentistry, Clinical Procedure and Prosthodontics.

Lectures 17.5 hours; Labs 0 hours; Clinic 0 hours (Total 17.5 hours)

**5160 Systemic Anatomy:** Explores primary organ systems of the human body through gross anatomy and histological approaches. Providing an overview of these systems, the course equips students with the foundational knowledge to address patients. Incorporating lectures with hands-on gross anatomy laboratories, students will be equipped for the future.

Lectures 16 hours; Labs 5 hours; Clinic 0 hours  
(Total 21 hours)

**5161 Human Physiology:** This is a systems-based physiology course focusing on the normal function of various organs and organ systems, as well as common disorders and diseases you will encounter in your dental practice. We will also emphasize how organs contribute to maintaining relatively stable internal conditions, known as homeostasis.

Lectures 33 hours; Labs 0 hours; Clinic 0 hours  
(Total 33 hours)

**5162 Pathology:** This course teaches disease mechanisms with emphasis on systemic pathology relevant to dental care. Students study cellular injury, inflammation, neoplasia, and organ-specific conditions. Clinical correlations highlight oral implications, diagnostic reasoning, and pathology terminology. The course prepares students for safe treatment of medically complex patients and supports clinical decision-making.

Lectures 31 hours; Labs 0 hours; Clinic 0 hours  
(Total 31 hours)

**5165 Medicine:** This is a course in general medicine intended to instruct students in the content and process of application of general medicine to the practice of dentistry. A component of the General Medicine unit, this systems and case-based course runs sequentially with Systemic Anatomy, Pathology, Pharmacology and Human Physiology, and covers the management of medical conditions as they relate to dentistry.

Lectures 40 hours; Labs 0 hours; Clinic 0 hours  
(Total 40 hours)

**5170 Oral Diseases I:** An integrated course covering common diseases of teeth, periodontal and periapical tissues; specifically, caries, gingivitis, periodontitis, pulp disease, periapical inflammation, regressive dental conditions, and dental anomalies.

Lectures 22.5 hours; Labs 0 hours; Clinic 0 hours  
(Total 22.5 hours)

**5185 Core Biology:** The Core Biology course is a series of modules introducing the dental student to fundamental concepts related to the structure and function of the tissues and fluids within the oral cavity.

Lectures 44.5 hours; Labs 4 hours; Clinic 0 hours  
(Total 48.5 hours)

<p><b>5186 Head and Neck Anatomy:</b> A comprehensive gross anatomy course designed for students to learn anatomical structure, function, and spatial relationships specifically of the neurocranium, viscerocranium, and neck using prosected specimens, electronic models, and clinical examples. Weekly lectures and accompanying laboratories support practical understanding essential for clinical application in dentistry and related health sciences.</p> <p>Lectures 26 hours; Labs 16 hours; Clinic 0 hours (Total 42 hours)</p>	
<p><b>5187 Patient Assessment:</b> This course introduces the student to the method of conducting and recording an oral/dental examination. Attention will be given to the components of the comprehensive dental examination; history taking, extra and intraoral examinations, including a detailed examination of the teeth. This course has didactic and clinical components.</p> <p>Lectures 31 hours; Labs 0 hours; Clinic 13 hours (Total 44 hours)</p>	
<p><b>5188 Clinical Procedures I:</b> This is an introductory course to basic dental procedures including impressions and models, basic periodontal procedures, and intraoral radiography.</p> <p>Lectures 13.5 hours; Labs 28.5 hours; Clinic 7 hours (Total 49 hours)</p>	