

MEDPREP Curriculum Overview (Pre-DENTAL; Traditional or Master's degree tracks)

Y1 Summer	Y1 Fall	Y1 Spring
<p>Core:</p> <p>MEDP 401A Academic Enrichment (1 cr.) MEDP 401I Career Development (1 cr.) MEDP 401C/501C Quantitative Skills (1 cr.) MEDP 402A Behavioral Sciences Appl. (1 cr.) MEDP 403G/503G Biology Applications (1 cr.) MEDP 404A/504A Chemistry Applications (1 cr.)</p> <p><i>6 credits total</i></p>	<p>Core:</p> <p>MEDP 400A Orientation Seminar (1 cr.) MEDP 401A Academic Enrichment (1 cr.) MEDP 401E/501E Convocation/Colloquium (1 cr.)</p> <p>Required:</p> <p>MEDP 401G CARS (2 cr.) MEDP 403G/503G Biology Apps. (3 cr.) MEDP 404A/504A Inorganic Chemistry Apps. (2 cr.) MEDP 401C/501C Quant Apps.(1 cr.) Dental Hygiene (2-3 cr.)</p> <p>Plus one "campus" course:</p> <ul style="list-style-type: none"> • TRAD: BIOL 305 (Genetics) recommended • MBS: <u>Required</u>: MBBS 554A Adv. Biochemistry (but this may be taken in Y2) <p><i>16-19 credits total</i></p>	<p>Core:</p> <p>MEDP 400B Medical Seminar (1 cr.) MEDP 401E/501E Convocation/Colloquium (1 cr.)</p> <p>Required:</p> <p>MEDP 401H CARS (2 cr.) MEDP 403G/503G Biology Apps. (2 cr.) MEDP 404C/504C Organic Chemistry Apps. (2 cr.) MEDP 401C/MEDP 501C Quant Apps. (1 cr.) Dental Hygiene (2-3 cr.)</p> <p>Plus one-two "campus/elective" courses:</p> <ul style="list-style-type: none"> • TRAD: BIOL 409 (dev. Biology) recommended • MBS: <u>Required</u>: MBBS 554B Adv. Biochemistry II (but this may be taken in Y2) <p><i>14-16 credits total</i></p>

Y2* Summer	Fall	Spring
<p><i>Summer courses are optional for both TRAD and Master's Track.</i></p> <p>TRAD: Summer coursework not required. To apply for a MP summer tuition waiver, you must take 6 credits, including at least one MEDP credit if offered.</p> <p>MBS: Summer coursework not required. To apply for a graduate school summer tuition waiver, you must take a minimum of 3 GR level credits.</p> <p><i>(Up to 6 credits)</i></p>	<p>Core:</p> <p>MEDP 401E/501E Convocation/Colloquium (1 cr.)</p> <p>Required:</p> <p>BCHM 451A Biochemistry I (3 cr.) (Trad) or MBBS 554A Adv. Biochemistry I (3 cr.) (BMS) PHSL 402 Functional Neuroanatomy (4 cr.) (Trad) Or PHSL 502 Advanced Neuroanatomy (MBS) Additional Masters level course (MBS)</p> <p>Recommended – choose at least 1: Physiology 310 Intro Human Physiology (5 cr.) Dental Health Course (offerings vary)(2-3 cr.) PHSL 420A Pharmacology (3 cr.)</p> <p>MBS: courses as required to complete the Master's Degree</p> <p><i>12-15 credits total</i></p>	<p>Core:</p> <p>MEDP 401E/501E Convocation/Colloquium (1 cr.)</p> <p>Required:</p> <p>BCHM 451B Biochemistry II (Trad) (3 cr.) or MBBS 554B Adv. Biochemistry II (3 cr.) MBS) PHSL 409 Histology (Trad & MBS) (4 cr.) Additional Masters level course (MBS)</p> <p>Recommended – choose at least 1: PHSL 403/503 Embryology (3 cr.) PHSL 420B Pharmacology (3 cr.)</p> <p>MBS: courses as required to complete the Master's Degree</p> <p><i>12-15 Credits total</i></p>

*Students should double-check matriculation requirements for dental schools of interest and complete any outstanding required coursework in Y2. Most medical/dental schools require 1 FULL year each of English, Physics with Lab, Biology with Lab, Chemistry with Lab, and Organic Chemistry with Lab (or Orgo I + BCHM sequence). Many schools also require one course each in Biochemistry and Statistics.