

BISHOP JAMES MAHONEY HIGH SCHOOL

Health & Sciences Academy Course Selection Card 2024-2025

Name:			† BISHOP JAMES MAHONEY
GRADE 9 HSA	GRADE 10 HSA Grade 10 Standing: Minimum 8 credits	GRADE 11 HSA Grade 11 Standing: Cumulative minimum 16 credits	GRADE 12 HSA Grade 12 Standing: Cumulative minimum 24 credits; 5 credits must be at 30 level
REQUIRED COURSES	REQUIRED COURSES	REQUIRED COURSES	REQUIRED COURSES
□ Catholic Studies 90 □ English Language Arts A90 □ English Language Arts B90 □ Social Studies 90 □ MathA 90	□ Catholic Studies 10 □ Financial Literacy 10 □ Science 10H □ Environmental Science and Toxicology 20H	☐ Catholic Studies 20 or ☐ Catholic Studies 20 & Band 20 (2 slots in schedule) ☐ English 20 or ☐ English 20 AP	□ Catholic Studies 30 <u>or</u> □□ Catholic Studies 30 & Band 30 (2 slots in schedule) □ English 30A <u>&</u> □ English 30B □ English 30A AP & □ Eng. 30B AF
 □ MathB 90 □ Science 90H □ Physical Education 90 □ General Practical Arts 90 (Construction & Carpentry, Food & Clothing) CHOOSE ONE ELECTIVE COURSE: 	■ Math Foundations & Pre-Calculus 10 Only one of: ■ English A10 ■ English B10 ■ English B10 Advanced-requires application	One additional Social Science credit in from the following: History 20	30
 □ Band 90 □ Arts Education 90 (Visual Arts, Drama, Graphic Arts, Music) □ Choral 90: an 11th class offered during the noon hour GRADE 9 – 12 PROGRAM SUPPORTS 	At least one of: History 10 Indigenous Studies 10 Choose one of: Wellness 10 or Band 10 & Wellness 10	At least one of: Math Foundations 20 Math Pre-calculus 20 Both HSA Courses □ Physical Science 20H □ Health Science 20H/ Medical Terminology 180 (SK Poly Credit)	At least one of the following: ☐ Anatomy & WellBeing 30H /Anatomy 100 (SK Poly Credit) ☐ Biology 30 or ☐ ☐ Biology 30H & Biology 120.3 ☐ Chemistry 30 ☐ Computer Science 30 ☐ Physics 30 30 LEVEL ELECTIVE COURSES
Learning Assistance Support LAT Tutorial Sem 1 (non-credit) LAT Tutorial Sem 2 (non-credit) English as an Additional Language Support EAL Tutorial Sem 1 (non-credit) EAL Tutorial Sem 2 (non-credit) EAL Language Course A10 (EAA10L)	(2 slots in schedule) Recommended to take in Gr.10 but not required Math Foundations 20 10-LEVEL ELECTIVE COURSES Band 10	20-LEVEL ELECTIVE COURSES Baking & Food Prep 20 Band 20 Cabinet Making 20 (IAR20) Choral 20 Computer Science 20* Construction & Carpentry 20	Cabinet Making 30 Chemistry 30* Choral 30 Clothing Textiles 30 Computer Science 30* Dance 30 Drafting 30* Drama 30 Financial Literacy 20
EAL Language Course A20 (EAA20L) EAL Language Course B20 (EAB20L) HSA ELECTIVE CONSIDERATIONS AND RECOMMENDATIONS *Courses designated with a star are recommended for students that may be interested in pursuing a career in engineering or other STEM related careers that are not Health Sciences. Students should refer to programs of interest for which courses that may be required for post-secondary programs (i.e., Physics 30).	Choral 10 Clothing Textiles 10 Commerical Cooking 10 Construction & Carpentry 10 Dance 10 Drafting 10* Drama 10 Guitar 10 Photography 10 Robotics 10* Visual Art 10 or	Creative Writing 20 Dance 20 Drafting 20* Drama 20 Graphic Arts 20 Guitar 20 Financial Literacy 20 History 20 Indigenous Studies 20 Journalism 20 Physical Education 20	Food Studies 30 Graphic Arts 30 Guitar 30 History 30 Indigenous Studies 30 Law 30 Math Foundations 30 Math Pre-Calculus 30* Apprenticeship 30 Math 110 HofS / Calculus 30*

HSA students as both courses contain outcomes that pertain to mental health and wellness. Both courses also involve personal projects that involve either researching or developing a psychological study.

- - Visual Art 10A

- Photography 30
- Physical Education 30
- Physics 30*
- Psychology 30*
- Studio Art
- Visual Art 30 or
 - Visual Art 30AP
- Wildlife and Habitat Studies 20

Math90A & Math 90B Math Pathways Science Pathways Computer Science 30 Includes 30 hours of Career Education Computer Science 20 Workplace & Apprenticeship 10 Foundations & Pre-Calculus Math 10 Biology 30 HSA students should Health Science 20 follow the Math Foundations and Pre-Pre-Calculus 20 Earth Science 30 Foundations of Math 20 Workplace & Apprenticeship 20 Calculus stream. **Environmental Science 20** One of Math Pre-Calculus Pre-Calculus 30 Physics 30 30 or Math Foundations **Physical Science 20** Workplace & Apprenticeship 30 30 is required for the HAS. Chemistry 30

Psychology 20*

Visual Art 20 or

Visual Art 20A

Wildlife and Habitat Studies 20