

Program Checklist for PHILOSOPHY AND METHODOLOGY OF SCIENCE CERTIFICATE

Student Name: _____ Student Number: _____ Date: _____

General requirements (starting 2022):

a total of 21 units (at least), including:

- 4 core courses in p TETQq37.44 123.12 201.0 475.2 reW nBTtT0 1 Tf12 -0 0 12 117.36 587.88 Tm()TjETQq37.44 123

Calculus I for the Biological Sciences (3)

- MATH 155 - Calculus II for the Biological Sciences (3)
- MATH 157 - Calculus I for the Social Sciences (3)
- MATH 158 - Calculus II for the Social Sciences (3)

Sciences - two of:

- BISC 101 - General Biology (4)
- BISC 102 - General Biology (4)
- CHEM 121 - General Chemistry and Laboratory I (4)
- CHEM 122 - General Chemistry II (2)
- CMPT 120 - Introduction to Computing Science and Programming I (3)
- CMPT 125 - Introduction to Computing Science and Programming II (3)
- EASC 101 - Dynamic Earth (3)
- EASC 210 - Historical Geology (3)
- ENSC 100 - Engineering Technology and Society (3)
- ENSC 100W - Engineering, Science and Society (3)
- ENSC 105W - Process, Form, and Convention in Professional Genres (3)
- GEOG 111 - Earth Systems (3)
- GEOG 213 - Introduction to Geomorphology (3)
- GEOG 214 - Weather and Climate (3)
- GEOG 215 - Biogeography (3)
- LING 100 - Communication and Language (3)
- LING 111 - Introduction to English Vocabulary Analysis (3) or LING 110
- LING 220 - Introduction to Linguistics (3)
- LING 221 - Introduction to Phonetics and Phonology (3) – course discontinued
- MACM 101 - Discrete Mathematics I (3)
- MACM 201 - Discrete Mathematics II (3)
- PHYS 101 - Physics for the Life Sciences I (3)
- PHYS 102 - Physics for the Life Sciences II (3)
- PHYS 120 - Mechanics and Modern Physics (3)
- PHYS 121 - Optics, Electricity and Magnetism (3)
- PSYC 100 - Introduction to Psychology I (3)
- PSYC 102 - Introduction to Psychology II (3)