

# Program Checklist for PHILOSOPHY AND METHODOLOGY OF SCIENCE CERTIFICATE

Student Name: \_\_\_\_\_ Student Number: \_\_\_\_\_ Date: \_\_\_\_\_

## General requirements (starting with Fall 2018):

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

- 4 core courses in philosophy, as listed below (12 units)
- 1 elective course in mathematics (3-4 units)
- 2 elective courses in a science traditionally associated with natural philosophy (6-8 units)

a grade of C- or better in all courses used towards the Certificate

minimum SFU Cumulative GPA = **2.25**

## Philosophy Core courses:

all of:

- **PHIL 144 - Introduction to Philosophy of Science** (3) *B-Hum/Sci*
- **PHIL 201 - Epistemology** (3)  
*prerequisite: PHIL 144*
- **PHIL 203 - Metaphysics** (3)  
*prerequisite: PHIL 144*
- **PHIL 341 - Philosophy of Science** (3) \*  
*prerequisite: either one of PHIL 201 or PHIL 203*

\* Students may, but only after obtaining approval from the Certificate Advisor(s), replace PHIL 341 with another 300 or 400 level PHIL course on a suitable topic.

Note: PHIL 341 (or its replacement) has to be taken at SFU.

## Elective Courses:

### Mathematics - one of:

- MATH 125 - Intro to Mathematical Methods in the Physical Sciences-I (3)
- MATH 126 - Intro to Mathematical Methods in the Physical Sciences-II (3)
- MATH 150 - Calculus I with Review (4)
- MATH 151 - Calculus I (3)
- MATH 152 -