BACHELOR OF ARTS DEGREE

Each student must complete at least:

- One of the following:
  [See separate checklist for each program]
  - A major
  - A joint major
  - Two minors or extended minors

- And at least:
  - 120 units [Maximum of 60 transfer credits]
  - 45 UD units [With at least 30 UD units taken at SFU]
  - 65 units in FASS subjects [With at least 21 UD units in FASS]

DISCLAIMER
Each student is responsible for ensuring that their academic choices meet the requirements for graduation. All requirements are outlined in the SFU Calendar. Advisors are available to provide guidance. However, the student has ultimate responsibility for compliance with and completion of the program and degree requirements and for observing regulations and deadlines.

WRITING (W), QUANTITATIVE (Q), & BREADTH (B) UNITS

NOTES
- A grade of C- or better is required to earn W, Q, or B credit.
- A single course can count for W, Q, and B units (but only one B where two are possible).

Students must complete at least:

- 3 units of W
- 3 UD units of W [Taken at SFU]

- 3 units of Q
- 6 units of Q

- 6 units of B-Soc
  [Social Science]
- 6 units of B-Hum
  [Humanities]
- 6 units of B-Sci
  [Science]
- 6 units of Undesignated B
  [i.e. any course outside your major]

NOTE
Only courses outside of your major subject may count as a B – except for joint or double programs where courses from both can count towards Breadth requirements (e.g. double major or double minor).

ADDITIONAL REQUIREMENTS

Students must also have a:

- CGPA of 2.00 or higher
- UD GPA of 2.00 or higher

修订日期：2019年9月
COGNITIVE SCIENCE MAJOR CHECKLIST

Complete the Degree requirements, as well as the below program requirements. If you are in a B.A., see the Bachelor of Arts checklist.

DECLARATION REQUIREMENTS

To be declared into this program, students must complete:

- COGS 100 [3] Exploring the Mind

DISCLAIMER

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LOWER DIVISION REQUIREMENTS

Students must complete the following courses:

- Cognitive Science

- Computing Science
  - CMPT 120 [3] Intro CompSci & Programming I
  - CMPT 126 [3] Intro CompSci & Programming II
  - CMPT 125 [3] Intro CompSci & Programming II
  - CMPT 127 [3] Computing Laboratory

- Linguistics
  - LING 220 [3] Intro Linguistics

- Philosophy
  - PHIL 100W [3] Knowledge & Reality
  - PHIL 110 [3] Intro Logic & Reasoning

- Psychology
  - PSYC 100 [3] Intro Ψ I
  - PSYC 102 [3] Intro Ψ II
  - PSYC 201W [4] Intro Ψ Research
  - PSYC 221 [3] Intro to Cog Ψ
  - PSYC 280 [3] Intro to Bio Ψ

Students must complete the requirements for at least three of the four disciplines below:

- Computing Science

- Linguistics

- Philosophy
  - PHIL 201 [3] Epistemology

- Psychology
  - PSYC 201W [4] Intro Ψ Research
COGS 310 (3) Consciousness
PSYC 303 (3) Perception
PSYC 325 (3) Learning & Memory
PSYC 330 (3) Attention
PSYC 381 (3) Behavioral Endocrinology
PSYC 382 (3) Cognitive Neuroscience
PSYC 383 (3) Psychopharmacology
PSYC 385 (3) Evolution & Ψ
PSYC 387 (3) Human Neuro Ψ
PSYC 388 (3) Bio Rhythms & Sleep
PSYC 389 (3) Emotion & Motivation

Philosophy
PHIL 302 (3) Topics in Epistemology & Metaphysics*
PHIL 314 (3) Topics in Logic I*
PHIL 341 (3) Philosophy of Science
PHIL 343 (3) Philosophy of Mind
PHIL 344 (3) Philosophy of Language
PHIL 455W (4) Issues in Epistemology & Metaphysics*
PHIL 467W (4) Seminar II*

Linguistics
LING 321 (3) Phonology
LING 322 (3) Syntax
LING 323 (3) Morphology
LING 324 (3) Semantics
LING 330 (3) Phonetics
LING 350 (3) First Language Acquisition
LING 400 (3) Formal Linguistics
LING 415 (3) Neurolinguistics
LING 480 (3) Topics in Linguistics I*
LING 481 (3) Topics in Linguistics II*

Computing Science
CMPT 310 (3) Artificial Intelligence Survey
CMPT 363 (3) User Interface Design
CMPT 365 (3) Multimedia Systems
CMPT 383 (3) Comparative Programming Lang
CMPT 384 (3) Symbolic Computing
CMPT 411 (3) Knowledge Representation
CMPT 412 (3) Computational Vision
CMPT 413 (3) Computational Linguistics
CMPT 414 (3) Model-Based Computer Vision
CMPT 417 (3) Intelligent Systems
CMPT 419 (3) Special Topics in A.I.*

Psychology
PSYC 303 (3) Perception
PSYC 325 (3) Learning & Memory
PSYC 330 (3) Attention
PSYC 381 (3) Behavioral Endocrinology
PSYC 382 (3) Cognitive Neuroscience
PSYC 383 (3) Psychopharmacology
PSYC 385 (3) Evolution & Ψ
PSYC 387 (3) Human Neuro Ψ
PSYC 388 (3) Bio Rhythms & Sleep
PSYC 389 (3) Emotion & Motivation

Students must also have a:

Program GPA of 2.00 or higher
Program UD GPA of 2.00 or higher

NOTE
* Relevant topics include discourse analysis, functional linguistics, language and the brain, computational linguistics; consult the Cognitive Science Advisor for additional appropriate topic courses offered each term.