MAJOR PROGRAM CHECKLIST
INTERACTIVE ARTS + TECHNOLOGY

Name: .......................................................... Student Number: ..........................................................
Date: ..........................................................

DISCLAIMER
Each student is responsible for ensuring that his or her academic choices meet the requirements for graduation. All requirements are outlined in the SFU Calendar available online (http://students.sfu.ca/calendar). Please note that the SFU Calendar is considered the authority for official information, therefore students should refer to the calendar for information pertaining to Program Requirements, including course prerequisites.

PROGRAM REQUIREMENTS: OVERVIEW

- A minimum of 120 credit hours, made up of:
  - WQB → BA/B.Sc. LOWER DIVISION (6) → IAT LOWER DIVISION (39) → UPPER DIVISION (45) → GENERAL ELECTIVES

- An SFU CGPA and UDGPA of 2.00 is required for continuance and graduation from the program.

NOTE: Students may use a MAXIMUM of five course repeats in their undergraduate degree. Students may attempt one course up to two times (one repeat). If a student requires a third and final attempt (second repeat) at a course, they are required to seek departmental permission. Please go to students.sfu.ca/calendar for further information. If you have any questions, please contact siat_advising@sfu.ca.

WQB REQUIREMENTS: Writing, Quantitative + Breadth: _______ credits

WQB requirement details and a list of qualifying courses can be found at www.sfu.ca/ugcr. Students must earn a grade of 'C-' or better to obtain W, Q, or B credit. These requirements should overlap with regular degree requirements. Breadth (B) courses cannot be fulfilled by IAT courses, unless you are pursuing a second major.

<table>
<thead>
<tr>
<th>WRITING (W) - 6 credits</th>
<th>QUANTITATIVE (Q) - 6 credits</th>
<th>BREADTH (B) - 24 credits</th>
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<tbody>
<tr>
<td>IAT 309W (3)</td>
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<td>B-Hum (6) (3)</td>
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<td>B-Sci (6) (3)</td>
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<td>B-Soc (6) (3)</td>
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<td>Additional Credits (6) (3)</td>
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LOWER DIVISION BA/B.Sc. REQUIREMENTS: _______ / 6 credits

Depending on whether you are pursuing a BA or B.Sc., complete one of the following:

BACHELOR OF ARTS

- IAT 206 - Media Across Cultures (3)
- MATH 130 - Geometry for Computer Graphics (Q) (3) [OR MATH 150 | MATH 151 | MATH 154 | MATH 157 | MACM 101]

BACHELOR OF SCIENCE

- MACM 101 - Discrete Mathematics I (Q/B-Sci) (3)
- Lower division science course (3 credits)

LOWER DIVISION SIAT REQUIREMENTS: _______ / 39 credits

100 LEVEL

- CMPT 166 - An Animated Introduction into Programming (Q/B-Sci) [OR CMPT 120 | CMPT 125 | CMPT 126 | CMPT 128 (3)
- IAT 100 - Digital Image Design (3)
- IAT 102 - Graphic Design (3)
- IAT 103W - Design Communication & Collaboration (3)
- IAT 106 - Spatial Thinking & Communicating (3)
- IAT 167 - Digital Games: Structure, Genre, Programming & Play (3)

200 LEVEL

- IAT 201 - Human Computer Interaction & Cognition (3)
- IAT 202 - New Media Images (3)
- IAT 222 - Interactive Arts (3)
- IAT 233 - Spatial Design (3)
- IAT 235 - Information Design (3)
- IAT 265 - Multimedia Programming (3)
- IAT 267 - Introduction to Technological Systems (3)

HAVE YOU APPLIED TO CO-OP? Recommended to apply in 2nd semester. Your first co-op can begin after 45 completed units. www.sfu.ca/coop/programs/iat.html
UPPER DIVISION REQUIREMENTS:  / 45 credits

- Within these 45 Upper Division credits: 30 IAT credits required as well 15 credits from electives. 24 of these are required to be either Arts based credits for a BA Degree, or Science based credits for a B.SC. Degree. Some courses can overlap as both IAT and Arts/Science based.

UPPER DIVISION IAT:  / 30 credits

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<th>IAT...</th>
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*IAT 309W is a requirement for your WQB

UPPER DIVISION ELECTIVES:  / 15 credits

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<th>Upper Division Course from any program to fulfill the 24 Upper Division Arts or Science-based units and the 45 upper division credit minimum.</th>
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ARTS / SCIENCE WITHIN UPPER DIVISION CREDITS:  / 24 credits

Choose Any Upper Division Arts Based Courses From:
- Communication | Cognitive Science | Contemporary Arts | Human Geography | Philosophy | Business | Psychology | Publishing

Choose Any Upper Division Science Based Courses From:
- Computing Science | Engineering Science | Kinesiology | Mathematics | Statistics | Physics | Psychology

Optional Upper Division Non Arts/Science IAT Courses:
- IAT 391/392/393 - Italia Field School
- IAT 392 - Italia Field School
- IAT 403 - Interdisciplinary Design Studio I
- IAT 405 - Interdisciplinary Design Studio II
- IAT 488 - Directed Studies [11 credit]

- Applied to co-op? It’s ideal to apply in your 2nd term of study!
1. Prep Term: Apply and Complete Co-op Curriculum
2. Seeking Term: Apply for co-op jobs
3. Work Term: Make Money, Gain Experience, & Build your Network!

Complete minimum 3 co-op work terms (for Certificate) or 4 work terms (for Degree Designation).
[www.sfu.ca/coop/programs.iat.html](http://www.sfu.ca/coop/programs.iat.html)

OPTIONAL CONCENTRATION REQUIREMENTS:

- If you wish to complete a concentration, make sure to select all required courses from the concentration(s).

INTERACTIVE SYSTEMS
- IAT 351 - Advanced Human Computer Interaction
- IAT 352 - Internet Computing Technologies
- IAT 355 - Introduction to Visual Analytics
- IAT 410 - Advance Game Design
- IAT 452 - Developing Design Tools
- IAT 455 - Computational Media

MEDIA ARTS
- IAT 313 - Narrative & New Media
- IAT 320 - Body Interface
- IAT 343 - Animation
- IAT 443 - Interactive Video
- IAT 445 - Immersive Environments

DESIGN
- IAT 333 - Interactive Design Methods
- IAT 334 - Interface Design
- IAT 336 - Materials in Design
- IAT 431 - Speculative Design
- IAT 437 - Representation & Fabrication
- IAT 438 - Interactive Objects & Environments

GENERAL ELECTIVES

- A minimum of 120 credits overall are required to graduate. Students will need to complete elective credits from any program at any level (100/200/300/400) to meet this requirement.

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SUMMARY

**MINIMUM 120 UNITS REQUIRED TO GRADUATE**

| Upper Div Credits | (45) | + | (120) | completed | in progress | total | remaining |

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[www.sfu.ca/coop/programs.iat.html](http://www.sfu.ca/coop/programs.iat.html)