JOINT MAJOR PROGRAM CHECKLIST
INTERACTIVE ARTS + TECHNOLOGY COMMUNICATION

Name: _______________________________ Student Number: _______________________________.
Date: ________________________________

JOINT MAJOR PROGRAM REQUIREMENTS: OVERVIEW

- A minimum of 120 credit hours, made up of:
  - WQB ➔ SIAT LOWER DIVISION (21) ➔ CMNS LOWER DIVISION (24) ➔ SIAT UPPER DIVISION (21) ➔ CMNS UPPER DIVISION (22) ➔ GENERAL ELECTIVES
  - 45 upper division (300/400) credits must be completed to be eligible for graduation
  - 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 iat_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.

<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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</thead>
<tbody>
<tr>
<td>IAT 309W (3)</td>
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<td>B-Hum (6)</td>
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<td>B-Sci (6)</td>
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<td>B-Soc (6)</td>
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<td>Additional Credits (6)</td>
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LOWER DIVISION REQUIREMENTS: _______/ 48 credits

INTERACTIVE ARTS + TECHNOLOGY

- All of:
  - CMPT 166 - An Animated Introduction to Programming (3)
  - IAT 100 - Digital Image Design (3)
  - IAT 102 - Graphic Design (3)
  - IAT 167 - Digital Games (prerequisite for IAT 265) (3)
  - MATH 130 - Geometry for Computer Graphics (Q) (3)
  - IAT 201 - Human Computer Interaction and Cognition (3)
  - IAT 265 - Multimedia Programming (Q) (3)

- One of:
  - IAT 222 - Interactive Arts (3)
  - IAT 235 - Information Design (3)

- One of the following, based on your concentration of choice:
  - IAT 202 - New Media Images (Media Arts) (B-Hum) (3)
  - IAT 233 - Spatial Design (Design) (3)
  - IAT 267 - Intro to Technical Systems (Informatics) (3)

COMMUNICATION

- All of:
  - CMNS 110 - Intro to Communication Studies (B-Soc) (3)
  - CMNS 130 - Explorations in Mass Communication (3)
  - CMNS 253W - Intro to Information Technology: The New Media (3)

- One of:
  - CMNS 220 - Understanding Television (3)
  - CMNS 221 - Media and Audience (3)
  - CMNS 223 - Advertising as Social Communication (3)
  - CMNS 235 - Intro to Journalism in Canada (3)

- One of:
  - CMNS 230 - The Cultural Industries in Canada: Global Context (3)
  - CMNS 240 - The Political Economy of Communication (3)

- One of:
  - CMNS 226 - Digital Media Communication Techniques (3)
  - CMNS 258 - Intro to Electroacoustic Communication (3)
  - CMNS 259 - Acoustic Dimensions of Communication (3)

- Two of:
  - CMNS 260 - Empirical Communication Research Methods (Q) (3)
  - CMNS 261 - Documentary Research in Communication (3)
  - CMNS 262 - Design & Method in Qualitative Communication Research (3)
UPPER DIVISION REQUIREMENTS:  _________ / 43 - 44 credits

INTERACTIVE ARTS + TECHNOLOGY: _________ / 21 credits

- Five courses from a single concentration in SIAT (you must choose one of Design, Media Arts or Informatics):
  - DESIGN CONCENTRATION (choose 5 of 6 courses)
    - IAT 333 - Interaction Design Methods (3)
    - IAT 334 - Interface Design (3)
    - IAT 336 - Materials in Design (3)
    - IAT 431 - Speculative Design (3)
    - IAT 437 - Representation and Fabrication (3)
    - IAT 438 - Interactive Objects and Environments (3)

  - INFORMATICS CONCENTRATION (choose 5 of 6 courses)
    - IAT 351 - Advanced Human-Computer Interaction (3)
    - IAT 352 - Internet Computing Technologies (3)
    - IAT 355 - Introduction to Visual Analytics (3)
    - IAT 410 - Advanced Game Design (3)
    - IAT 452 - Developing Design Tools (3)
    - IAT 455 - Computational Media (3)

  - MEDIA ARTS CONCENTRATION (choose 5 of 6 courses)
    - IAT 313 - Narrative and New Media (3)
    - IAT 320 - Body Interface (3)
    - IAT 343 - Animation (3)
    - IAT 344 - Moving Images (3)
    - IAT 443 - Interactive Video (3)
    - IAT 445 - Immersive Environments (3)

  + 2 UPPER DIVISION IAT COURSES: _________ / 6 credits
    - IAT _________ (____ credits)
    - IAT _________ (____ credits)

UPPER DIVISION "W" REQUIREMENT: _________ / 3 - 4 credits

- IAT 309W-3 or CMNS 304W-4 or CMNS 323W-4
  or an upper division elective for pre-W2B students.

COMMUNICATION: _________ / 22 credits

- One of:
  - CMNS 362 - Evaluation Methods for Applied Communication Research (6)
  - CMNS 363 - Approaches to Media & Audience Research (6)
  - Two courses from a single area of study in Communication (you must choose one of Media & Culture, Technology & Society; or Political Economy & Policy):
    - MEDIA & CULTURE (choose 2 of 5 courses)
      - CMNS 326 - Applied Media Workshop - On the Hill (4)
      - CMNS 358 - Sound Tape Recording: Theory & Uses (4)
      - CMNS 426 - Video Design for Social Communication (4)
      - CMNS 428 - Media Analysis Project Group (4)
      - CMNS 437 - Media Democratization: From Critique to Transformation (4)
    - TECHNOLOGY & SOCIETY (choose 2 of 8 courses)
      - CMNS 353 - Social Context of Information Technology (4)
      - CMNS 354 - Communication & Social Issues in Design (4)
      - CMNS 358 - Sound Tape Recording: Theory & Uses (4)
      - CMNS 359 - Acoustic Dimensions of Communication II (4)
      - CMNS 446 - The Communication of Science & the Transfer of Technology (4)
      - CMNS 453 - Issues in the Information Society (4)
      - CMNS 454 - Computer Mediated Work & Workplace Communication (4)
      - CMNS 455 - Women & New Information Technologies (4)
    - POLITICAL ECONOMY & POLICY (choose 2 of 6 courses)
      - CMNS 333 - Broadcast Policy & Regulation in the Global Context (4)
      - CMNS 353 - Social Context of Information Technology (4)
      - CMNS 433 - Issues in Communication and Cultural Policy (4)
      - CMNS 444 - Political Economy of International Communication (4)
      - CMNS 446 - The Communication of Science & the Transfer of Technology (4)
      - CMNS 455 - Women & New Information Technologies (4)
  - + 2 ADDITIONAL UPPER DIVISION CMNS COURSES
    - CMNS ____________ (____ credits)
    - CMNS ____________ (____ credits)

NOTE: CMNS Directed Study and Field Placement courses do not count towards this Joint Major.

FOR BSc STUDENTS: SCIENCE BASED UPPER DIVISION COURSES

Students wishing to receive a BSc must complete 8 Science based upper division courses from: IAT 333, IAT 336, IAT 351, IAT 352, IAT 355, IAT 381, IAT 410, IAT 432, IAT 437, IAT 452, IAT 455, IAT481 or any upper division science course from Computing Science, Engineering Science, Kinesiology, Mathematics, Statistics, Physics or Psychology.

Up to 8 of these courses may overlap with select concentrations requirements. These courses cannot count towards a minor or an additional major outside the SIAT-Communications joint major.

- IAT _________ (____ credits)
- IAT _________ (____ credits)
- IAT _________ (____ credits)
- IAT _________ (____ credits)

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.

- IAT _________ (____ credits)
- IAT _________ (____ credits)
- IAT _________ (____ credits)
- IAT _________ (____ credits)

SUMMARY

MINIMUM 120
UNITS REQUIRED TO GRADUATE

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<th>Upper Div Credits</th>
<th>(<em><strong><strong><strong>) + (</strong></strong></strong></em>) = (_______)</th>
<th>→ (_______)</th>
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<th>All Credits</th>
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<tbody>
<tr>
<td>completed</td>
<td>in progress</td>
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<tr>
<td>remaining</td>
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