

Student Name: \_\_\_\_\_

Advisor: \_\_\_\_\_

Student Number: \_\_\_\_\_

E-mail: \_\_\_\_\_

Date: \_\_\_\_\_

## Fall 2008 Joint Major Requirements – Interactive Arts + Technology and Communication BACHELOR OF SCIENCE

### Admission Requirements

**Admission to the joint major in Interactive Arts and Technology and Communication is competitive.**

**You must meet the entrance requirements for each program and apply separately to each:**

**Admission to Communication:** <http://www.cmns.sfu.ca/undergraduate/program/joint-majors/school-of-interactive-arts-technology/>

**Admission to Interactive Arts and Technology:** <http://www.siat.sfu.ca/undergrad/admissions>

#### Application Deadlines:

Fall semester – June 15th	Spring Semester – October 15th	Summer semester – February 15th
---------------------------	--------------------------------	---------------------------------

### WQB Requirements

**\*\* Students who started at SFU prior to Fall 2006 are exempt from this requirement.** For more information and a list of courses that meet these requirements, please visit [www.students.sfu.ca/wqb](http://www.students.sfu.ca/wqb)

To fulfill the WQB requirement, students need to complete a minimum of:

WRITING (W)	QUANTITATIVE (Q)	BREADTH (B)
<b>6 credit hours</b> , including at least 3 at the 300/400 level. Lower: CMNS 253W or IAT 209W. Upper: CMNS 304W or IAT 309W.	<b>6 credit hours</b> Example: CMPT 120, CMNS 260, CMNS 363.	<b>24 credit hours from outside IAT</b> , including: <ul style="list-style-type: none"> <li>- 6 credit hours from Social Sciences: <b>B-Soc</b></li> <li>- 6 credit hours from Humanities: <b>B-Hum</b></li> <li>- 6 credit hours from Sciences: <b>B-Sci</b></li> <li>- 6 additional credits (no designation required)</li> </ul>

### Waiver Requests / Appeals

**Requests to appeal specific courses MUST be brought to the appropriate advisor:**

**IAT** course waiver requests: SIAT advisor, room 2565, SFU Surrey – [siat\\_advising@sfu.ca](mailto:siat_advising@sfu.ca)

**CMNS** course waiver requests: Communication advisor, room K 9677, SFU Burnaby – [neena@sfu.ca](mailto:neena@sfu.ca)

### Joint Major Program Requirements – ALL STUDENTS MUST COMPLETE:

<b>ALL STUDENTS</b>	<ul style="list-style-type: none"> <li><b>SIAT Lower Division Requirements (21 credits)</b></li> <li><b>Communication Lower Division Requirements (24 credits)</b></li> <li><b>SIAT BSC Upper Division Requirements (30 credits)</b></li> <li><b>Communication Upper Division Requirements (22 credits)</b></li> <li>A <b>minimum of 120 credit hours, including 45 upper division</b> (300/400 level) credits must be completed to be eligible for graduation.</li> <li>Students must maintain a CGPA of 2.25 or higher to continue in a Communication joint major.</li> </ul>	<b>ALL STUDENTS</b>
---------------------	---	---------------------

### LOWER DIVISION, Common core (42 Credits)

	Interactive Arts and Technology Lower Division requirements (21 credits)	Communication Lower Division requirements (24 credits)	
<b>SIAT Lower Division Required Courses</b>	<input type="checkbox"/> <b>CMPT 120-3</b> (or TECH 149) – Intro to Computing Science and Programming I <input type="checkbox"/> <b>MACM 101-3</b> – Discrete Mathematics <input type="checkbox"/> <b>IAT 100-3</b> (or TECH 117) – Systems of Media Representations <input type="checkbox"/> <b>IAT 102-3</b> – Graphic Design <input type="checkbox"/> <b>IAT 201-3</b> – Human Computer Interaction and Cognition <input type="checkbox"/> <b>1 of:</b> <input type="checkbox"/> <b>IAT 222-3</b> – Interactive Arts <input type="checkbox"/> <b>IAT 235-3</b> – Information Design <input type="checkbox"/> <b>IAT 265-3</b> (or CMPT 265) – Multimedia Programming <input type="checkbox"/> <b>Based on concentration (see next page) – One of:</b> <input type="checkbox"/> Media Arts: <b>IAT 202-3</b> (or IAT 101) – New Media Images <input type="checkbox"/> Design: <b>IAT 233-3</b> – Spatial Design <input type="checkbox"/> Informatics: <b>IAT 267-3</b> (or CMPT 267) – Intro to Technical Systems	<input type="checkbox"/> <b>CMNS 110-3</b> – Intro to Communication Studies <input type="checkbox"/> <b>CMNS 130W-3</b> – Explorations in Mass Communication <input type="checkbox"/> <b>CMNS 253W-3</b> – Intro to Information Technology: The New Media <input type="checkbox"/> <b>1 of:</b> <input type="checkbox"/> <b>CMNS 220-3</b> – Understanding Television <input type="checkbox"/> <b>CMNS 221-3</b> – Media and Audiences <input type="checkbox"/> <b>CMNS 223-3</b> – Advertising as Social Communication <input type="checkbox"/> <b>CMNS 235-3</b> – Intro to Journalism in Canada <input type="checkbox"/> <b>1 of:</b> <input type="checkbox"/> <b>CMNS 230-3</b> – The Cultural Industries in Canada: Global Context <input type="checkbox"/> <b>CMNS 240-3</b> – The Political Economy of Communication <input type="checkbox"/> <b>1 of:</b> <input type="checkbox"/> <b>CMNS 226-3</b> – Digital Media Communication Techniques <input type="checkbox"/> <b>CMNS 258-3</b> – Intro to Electroacoustic Communication <input type="checkbox"/> <b>CMNS 259-3</b> – Acoustic Dimensions of Communication <input type="checkbox"/> <b>2 of:</b> <input type="checkbox"/> <b>CMNS 260-3</b> – Empirical Communication Research Methods <input type="checkbox"/> <b>CMNS 261-3</b> – Documentary Research in Communication <input type="checkbox"/> <b>CMNS 262-3</b> – Design and Method in Qualitative Communication Research	<b>COMMUNICATION Lower Division Required Courses</b>

## UPPER DIVISION – Minimum 45 Credits

### Degree Requirements, B.Sc (43 Credits)

SIAT Upper Division Required Courses

COMMUNICATION Upper Division Required Courses

#### Interactive Arts and Technology Upper Division requirements (30 or more credits)

- IAT 402-3** – Interdisciplinary Design Studio I (Science)

---

- IAT 404-3** – Interdisciplinary Design Studio II (Science)

---

**8 science based courses from** IAT 333, IAT 336, IAT 337, IAT 351, IAT 352, IAT 355, IAT 410, IAT 432, IAT 452, IAT455, IAT 484, \*IAT 331, \*IAT 332, \*IAT 335, \*IAT354, \*IAT 411, \*IAT 412, \*IAT 430, \*IAT 451, \*IAT452, \*IAT 454, 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 from the Concentrations list below (ie: IAT 333, 336, 337, 351, 352, 355, 410, 452, 455)**

- |                                |                                |
|--------------------------------|--------------------------------|
| <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |
| <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |
| <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |
| <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |
| <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |

**5 courses** from a single concentration in SIAT (you must choose one of Design, Media Arts, or Informatics):

**a) Design – 15 credits ( choose 5 of 6 )**

- IAT 333-3** – Interaction Design Methods (Sci)
- IAT 334-3** – Interface Design (Arts)
- IAT 336-3** – Materials in Design (Sci)
- IAT 337-3** – Representation and Fabrication (Sci)
- IAT 338-3** – Interactive Objects & Environments (Arts)
- IAT 431-3** – Speculative Design (Arts)

**b) Media Arts – 15 credits ( choose 5 of 6 )**

- IAT 313-3** – Narrative and New Media (Arts)
- IAT 320-3** – Body Interface (Arts)
- IAT 343-3** – Animation (Arts)
- IAT 344-3** – Moving Images (Arts)
- IAT 443-3** – Interactive Video (Arts)
- IAT 445-3** – Immersive Environments (Arts)

**c) Informatics – 15 credits ( choose 5 of 6 )**

- IAT 351-3** – Advanced Human Computer Interaction
- IAT 352-3** – Knowledge Media Architectures (Sci)
- IAT 355-3** – Introduction to Visual Analytics (Sci)
- IAT 410-3** – Advanced Game Design (Sci)
- IAT 452-3** – Developing Design Tools (Sci)
- IAT 455-3** – Computational Media (Sci)

#### Communication Upper Division requirements (22 credits)

**1 of:**

- CMNS 362-6** – Evaluation Methods for Applied Communication Research
  - CMNS 363-6** – Approaches to Media and Audience Research
- 

**2 courses** from a single area of study in Communication (you must choose one of Media & Culture; Technology & Society; or, Political Economy & Policy) (8 credits):

**a) Media & Culture**

- CMNS 326-4** – Applied Media Workshop: On the Hill
- CMNS 358-4** – Sound Tape Recording: Theory and Uses
- CMNS 426-4** – Video Design for Social Communication
- CMNS 428-4** – Media Analysis Project Group
- CMNS 437-4** – Media Democratization: From Critique to Transformation

**b) Technology & Society**

- CMNS 353-4** – Social Contexts of Information Technology
- CMNS 354-4** – Communication and Social Issues in Design
- CMNS 358-4** – Sound Tape Recording: Theory and Uses
- CMNS 359-4** – Acoustic Dimensions of Communication II
- CMNS 446-4** – The Communication of Science and the Transfer of Technology
- CMNS 453-4** – Issues in the Information Society
- CMNS 454-4** – Computer Mediated Work and Workplace Communication
- CMNS 455-4** – Women and New Information Technologies

**c) Political Economy & Policy**

- CMNS 333-4** – Broadcast Policy and Regulation in the Global Context
- CMNS 353-4** – Social Contexts of Information Technology
- CMNS 433-4** – Issues in Communication and Cultural Policy
- CMNS 444-4** – Political Economy of International Communication
- CMNS 446-4** – The Communication of Science and the Transfer of Technology
- CMNS 455-4** – Women and New Information Technologies

**2 additional upper division CMNS courses:**

**CMNS** \_\_\_\_\_

**CMNS** \_\_\_\_\_

NOTE: CMNS Directed Study and Field Placement courses do not count towards this joint major.

#### ELECTIVE REQUIREMENTS

**A minimum of 120 credits overall is required to graduate.** No further electives are required, provided university WQB requirements are met as outlined on page 1.

**This checklist is a guideline. For official graduation requirements, refer to the SFU calendar:**  
[www.students.sfu.ca/calendar](http://www.students.sfu.ca/calendar)



SCHOOL OF INTERACTIVE  
ARTS + TECHNOLOGY



SIMON FRASER UNIVERSITY  
SCHOOL OF COMMUNICATION