



## Joint Major Program Requirements - Fall 2008

## Interactive Arts + Technology + Communication BACHELOR OF ARTS

### Admission Requirements

Admission to the Joint Major in Interactive Arts + Technology and Communication is competitive. You must meet the entrance requirements for each program and apply separately to each:

- Admission to Communications: <http://www.cmns.sfu.ca/undergraduate/program/joint-majors/school-of-interactive-arts-technology/>
- Admission to Interactive Arts + Technology: <http://www.siat.sfu.ca/undergrad/admissions>

SIAT Application Deadlines: Fall semester (June 15th), Spring semester (October 15th), Summer semester (February 15th)

### 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: Communications advisor, room K 9677, SFU Burnaby - [neena@sfu.ca](mailto:neena@sfu.ca)

### WQB Requirements: "Writing, Quantitative and Breadth"

WQB requirement details and a list of qualifying courses can be found at [students.sfu.ca/wqb](http://students.sfu.ca/wqb)

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 MUST be taken outside SIAT.

#### Writing (W) - 6 credits

- \_\_\_\_\_ (3)
- IAT 309W (3)

Example: TECH 101W

#### Quantitative (Q) - 6 credits

- \_\_\_\_\_ (3)
- \_\_\_\_\_ (3)

Examples: MATH 130 / 150 / 151 / 157,  
MACM 101, CMPT 120, IAT 265

#### Breadth (B) - 24 credits

- B-Hum (6) \_\_\_\_\_ / 6
- B-Sci (6) \_\_\_\_\_ / 6
- B-Soc (6) \_\_\_\_\_ / 6
- Additional credits (6) \_\_\_\_\_ / 6
- no designation required \_\_\_\_\_ / 6

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

- SIAT lower division requirements (21 credits)
- CMNS lower division requirements (24 credits)
- SIAT upper division requirements (21 credits)
- CMNS upper division requirements (22 credits)
- A minimum of 120 credit hours, including 45 upper division (300/400 level) credits must be completed to be eligible for graduation
- Students must maintain a CGPA of 2.25 or higher to continue in a Communication joint major.

### LOWER DIVISION, Common Core (45 credits)

#### INTERACTIVE ARTS + TECHNOLOGY (21 credits)

##### Lower Division Requirements

- CMPT 120-3: Intro to Computing Science & Programming I
- IAT 100-3: Systems of Media Representations
- IAT 102-3: Graphic Design
- IAT 201-3: Human Computer Interaction and Cognition
- IAT 265-3: Multimedia Programming

One of:

- MATH 130-3: Geometry for Computer Graphics
- MATH 150 - Calculus I with Review
- MATH 151 - Calculus I
- MATH 154 - Calculus I for the Biological Sciences
- MATH 157 - Calculus for the Social Sciences I
- MACM 101 - Discrete Mathematics I

One of:

- IAT 222-3: Interactive Arts
- IAT 235-3: Information Design

Based on your concentration(s) of choice:

- IAT 202-3: New Media Images (Media Arts)
- IAT 233-3: Spatial Design (Design)
- IAT 267-3: Intro to Technical Systems (Informatics)

#### COMMUNICATION (24 credits)

##### Lower Division Requirements

- CMNS 110-3: Intro to Communication Studies
- CMNS 130-3: Explorations in Mass Communication
- CMNS 253W-3: Intro to Information Technology: The New Media

One of:

- CMNS 220-3: Understanding Television
- CMNS 221-3: Media and Audiences
- CMNS 223-3: Advertising as Social Communication
- CMNS 235-3: Intro to Journalism in Canada

One of:

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

One of:

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

Two of:

- CMNS 260-3: Empirical Communication Research Methods
- CMNS 261-3: Documentary Research in Communication
- CMNS 262-3: Design & Method in Qualitative Communication Research

**Degree Requirements**

**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 333-3: Interaction Design Methods
- IAT 334-3: Interface Design
- IAT 336-3: Materials in Design
- IAT 337-3: Representation and Fabrication
- IAT 338-3: Interactive Objects and Environments
- IAT 431-3: Speculative Design

**INFORMATICS CONCENTRATION** (choose 5 of 6 courses)

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

**MEDIA ARTS CONCENTRATION** (choose 5 of 6 courses)

- IAT 313-3: Narrative and New Media
- IAT 320-3: Body Interface
- IAT 343-3: Animation
- IAT 344-3: Moving Images
- IAT 443-3: Interactive Video
- IAT 445-3: Immersive Environments

**+ STUDIO CAPSTONE:**

- IAT 403-3: Interdisciplinary Design Studio I (Arts)
- IAT 405-3: Interdisciplinary Design Studio II (Arts)

**ELECTIVES**

**+ UPPER DIVISION ELECTIVE REQUIREMENTS** *A minimum of 45 upper division credits is required to graduate. Any remaining credit hours should be completed here. Up to 2 upper division elective credits will be required. These can come from any program at SFU:*

- IAT 309W or CMNS 304W

**+ ADDITIONAL ELECTIVE REQUIREMENTS** *A minimum of 120 credits overall is required to graduate. Students will need to complete 29-30 elective credits from any program at any level (100 / 200 / 300 / 400).*

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**COMMUNICATION (22 credits)**

**Upper Division Requirements**

One of:

- CMNS 362-6: Evaluation Methods for Applied Communication Research
- CMNS 363-6: Approaches to Media & Audience Research

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:**

- CMNS 326-4: Applied Media Workshop - On the Hill
- CMNS 358-4: Sound Tape Recording: Theory & 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

**TECHNOLOGY & SOCIETY:**

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

**POLITICAL ECONOMY & POLICY:**

- CMNS 333-4: Broadcast Policy & 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 & the Transfer of Technology
- CMNS 455-4: Women & 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.*

**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, which is available at the Registrar's Office or online (see [www.students.sfu.ca/calendar](http://www.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. SIAT advisors and staff are available to give advice and guidance. However, the student has ultimate responsibility for completeness and correctness of course selection, for compliance with and completion of the program and degree requirements and for observance of regulations and deadlines.