

### CURRICULUM DATABASE Concordia Student Union

## Prepared by María Margarita Díaz Rivas

Fall 2023

The required courses list is not exhaustive for every program. The listed courses are the required ones, where there is no choice. When there is a possibility of choice, students must look for possible courses to take.

Faculty of Arts and Science	4
Program	4
Type and Credits	4
Department of Chemistry and Biochemistry	5
Department of Classics, Modern Languages and Linguistics	5
Department of Communication Studies	5
Department of Economics	5
Department of Education	6
Department of English	5
Département d'études françaises	7
Department of Health, Kinesiology, and Applied Physiology	7
Department of Geography, Planning and Environment	7
Department of History	8
Department of Journalism	8
Department of Mathematics	Э
Department of Philosophy	Э
Department of Physics	Э
Department of Political Sciences	C
Department of Psychology	)
Department of Religions and Cultures10	C

	Department of Sociology and Anthropology	10
	Department of Theological Studies	11
	Liberal Arts College	11
	Loyola College for Diversity and Sustainability	11
	School of Irish Studies	11
	School of Community and Public Affairs	11
	Science College	12
	Simon de Beauvoir Institute and Women's Studies	12
Jo	hn Molson School of Business	13
	Department of Accountancy	13
	Department of Supply Chain and Business Technology Management	14
	Economics	14
	Department of Finance	14
	International Business	14
	Department of Management	14
	Department of Marketing	15
	Additional Program Options	15
G	ina Cody School of Engineering and Computer Science	16
	Department of Electrical and Computer Engineering	16
	Department of Mechanical, Industrial, and Aerospace Engineering	16
	Department of Building, Civil, and Environmental Engineering	17
	Aerospace Engineering	17
	Department of Computer Science and Software Engineering	18
	Department of Computer Science in Health and Life Sciences	18
	Department of Computation Arts and Computer Science	19
	Data Science	19
Fa	aculty of Fine Arts	20
	Department of Art Education	20
	Department of Art History	20
	Mel Hoppenheim School of Cinema	20
	Department of Contemporary Dance	21
	Department of Creative Arts Therapies	21
	Department of Design and Computation Arts	21

Department of Music	21
Department of Studio Arts	22
Department of Theatre	22

## **Faculty of Arts and Science**

 $\underline{https://www.concordia.ca/academics/undergraduate/calendar/current/section-31-faculty-of-arts-and-science.html}$ 

Department of Applied Human Sciences	
Program	Type and Credits
Community Services	Program Type: Certificate
	Number of Credits: 30
Family Life Education	Program Type: Certificate
	Number of Credits: 30
Human Relations	Program Type: BA Specialization, Major, Minor
	Number of Credits: 60, 42, 30
	Required courses: AHSC 220, 230, 232, 260, 270 <sup>1</sup>
Recreation and Leisure Studies	Program Type: BA Specialization, Major
	Number of Credits: 60, 42
	Required courses: AHSC 220, 230, 241, 260
Therapeutic Recreation	Program Type: BA Specialization
	Number of Credits: 63
	Required courses: AHSC 220, 241, 260, 281

Department of Biology	
Program	Type and Credits
Biology	Program Type: BSc Honours, Specialization, Major, Minor Number of Credits: 72, 60, 45, 24
	Required courses: BIOL 225, 226, 261, 266, 367, 490 <sup>2</sup> , CHEM 221, 271
Cell and Molecular Biology	Program Type: BSc Honours, Specialization Number of Credits: 72, 66 Required courses: BIOL 225, 226, 261, 266, 364, 366, 367, 368, 466, 490 <sup>3</sup> , CHEM 212, 221, 222, 271, 375, 477
Ecology	Program Type: BSc Honours, Specialization Number of Credits: 72, 60 Required courses: BIOL 225, 226, 261, 266, 322, 367, 490 <sup>4</sup> , CHEM 221, 271
Environmental and Sustainability Science	Program Type: BSc Honours, Specialization Number of Credits: 69, 63 Required courses: <sup>5</sup> BIOL 225, 226, GEOG 290, 264, 272, 210
Systems and Information Biology	Program Type: BSc Honours, Specialization Number of Credits: 73, 61

<sup>&</sup>lt;sup>1</sup> Only for Specialization and Major

<sup>&</sup>lt;sup>2</sup> Only for Specialization

<sup>&</sup>lt;sup>3</sup> Only for Honours

<sup>&</sup>lt;sup>4</sup> Only Specialization

<sup>&</sup>lt;sup>5</sup> 33 credits from the Environmental and Sustainability Science Core

Required courses: BIOL 261, 266, 322, 367, CHE 212, 221, 271	M
--	---

Department of Chemistry and Biochemistry	
Biochemistry	Program Type: BSc Honours, Specialization, Major Number of Credits: 72, 69, 45 Required courses: <sup>6</sup> BIOL 261, 266, 364, 368, CHEM 217, 218, 221, 222, 234, 235, 241, 271, 293, 324, 375
Chemistry	Program Type: BSc Honours, Specialization, Major, Minor Number of Credits: 60, 60, 45, 24 Required courses: <sup>7</sup> CHEM 217, 218, 221, 222, 234, 235, 241, 242, 271, 293, 312, 324, 325, 333, 341
Environmental and Sustainability Science	Program Type: BSc Honours, Specialization Number of Credits: 69, 63 Required courses: <sup>8</sup> BIOL 225, 226, GEOG 290, 264, 272, 210

Department of Classics, Modern Languages and Linguistics	
Classics	Program Type: BA Honours, Major, Minor (in Classical Languages and Literature, Classical Civilization, Classical Archaeology) Number of Credits: 60, 42, 24 Required courses: CLAS 211, 212, 240, 242, 260, 490 <sup>9</sup>
Modern Languages	
Arabic (Modern Standard) Language & Culture	Program Type: Minor, Certificate Number of Credits: 24, 30 Required Courses: MARA 200 or MARA 203, 207, MARA 206, 240
Chinese (Modern)	Program Type: Minor, Certificate Number of Credits: 30, 30 Required courses: MCHI 200, 206, 240
German	Program Type: BA Honours, Major, Minor Number of Credits: 60, 42, 30 Required courses: GERM 240 or GERM 241, 242, GERM 256, 257
Italian	Program Type: BA Honours, Major, Minor Number of Credits: 60, 42, 30 Required Courses: ITAL 240 or ITAL 241, 242
Spanish, Hispanic Cultures and Literatures	Program Type: BA Honours, Specialization, Major, Minor, Minor in Translation

<sup>&</sup>lt;sup>6</sup> 45 Credits from the Core Component for Biochemistry<sup>7</sup> 45 Credits from Core Component for Chemistry

<sup>&</sup>lt;sup>8</sup> 33 Credits from the Environmental and Sustainability Science Core

<sup>&</sup>lt;sup>9</sup> Only for Honours

	Number of Credits: 60, 60, 42, 30, 33 Required Courses: SPAN 240, or SPAN 241, 242
Linguistics	Program Type: BA Honours, Major, Minor Number of Credits: 60, 42, 24 Required Courses: LING 200, 222 <sup>10</sup> , 315, 335, 371, 372, 373
Non-Program Courses: Hebrew Courses, Modern L	anguages

Department of Communication Studies	
Communication Studies	Program Type: BA Specialization, Major, Major (Communication and Cultural Studies) Number of Credits: 60, 42, 42 Required courses: COMS 205, 220, 240, 274, 276, 284 <sup>11</sup>

Department of Economics	
Analytical Economics	Program Type: Minor
	Number of Credits: 24
Economics	Program Type: BA Honours, Specialization,
	Major, Minor
	Number of Credits: 60, 60, 42, 30
	Required courses: ECON 201, 203
Other Related Programs: BCom Degree Program in Economics, Certificate and Minor in Business	
Studies (27 credits)	

Department of Education	
Education	Program Type: BA Specialization, Major, Minor
	Number of Credits: 120, 45, 24
	Required courses: EDUC 210, 211, 260, 302, 311,
	359, 360
Teaching English as a Second Language	Program Type: BEd Specialization, Minor,
	Certificate
	Number of Credits: 120, 24, 30
	Required courses: TESL 221, 231
Adult Education	Program Type: Minor, Certificate
	Number of Credits: 24, 30
	Required Courses: ADED 201, 202, 220

Department of English	
Creative Writing	Program Type: BA Major, Minor
	Number of Credits: 42, 24
	Required courses: ENGL 225, 226, 227
English and Creative Writing	Program Type: BA Honours
	Number of Credits: 66
	Required courses: ENGL 260
English and History	Program Type: BA Joint Specialization

<sup>10</sup> Required for Minor
 <sup>11</sup> For Specialization and Major on Communication Studies

	Number of Credits: 60 Required courses: ENGL 261, 262, HIST 200
English Literature	Program Type: BA Honours, Specialization,
	Major, Minor
	Number of Credits: 60, 60, 42, 24
	Required courses: ENGL 260, 261, 262
Professional Writing	Program Type: Minor
	Number of Credits: 24
	Required courses: ENGL 213, 214, 215, 216

Département d'études françaises	
Langue française	Program Type: BA Specialization, Major, Major,
	Minor, Certificate
	Number of Credits: 60, 45, 45, 24, 30
	Course code: FRAN
Linguistique française	Program Type: Minor
	Number of Credits: 24
	Required courses: FRAA 400, 403, 404, 405, 419,
	422, 429
Littératures de langue française	Program Type: BA Specialization, Major, Major
	(second language profile), Minor
	Number of Credits: 60, 45, 45, 24
	Course codes: FRAN, FLIT
Programmes de traduction	Program Type: BA Specialization, Major
-	Number of Credits: 72, 48
	Course codes: FRAN, FRAA, ENGL, FTRA

Department of Health, Kinesiology, and Applied Physiology	
Athletic Therapy	Program Type: BSc Honours, BScAT (Athletic
	Therapy)
	Number of Credits: 102, 96
	Required courses: CATA 262, 263, EXCI 252,
	253, 254, 258, 259, KCEP <sup>12</sup>
Exercise Science	Program Type: BSc Honours, Major
	Number of Credits: 60, 45
	Required courses: CATA 262, 263, EXCI 252,
	253, 254, 258, 259, KCEP <sup>13</sup>
Kinesiology and Clinical Exercise (Physiology)	Program Type: BSc Honours, BSc
	Number of Credits: 78, 69
	Required courses: CATA 262, 263, EXCI 252,
	253, 254, 258, 259, KCEP <sup>14</sup>

Department of Geography, Planning and Environment	
Environmental Geography	Program Type: BSc Major, Minor Number of Credits: 45, 24

<sup>&</sup>lt;sup>12</sup> This is only for Stage I out of four stages
<sup>13</sup> This is only for Stage I out of four stages
<sup>14</sup> This is only for Stage I out of four stages

	Required courses: GEOG 210, 220, 260, 272, 274,
	290, 361, 362, 363, 3 credits from BIOL 225, 226,
	or 227
Environemtal and Sustainability Science	Program Type: BSC Honors, Specialization
	Number of Credits: 69, 63
	Required courses: BIOL 225, 226, GEOG 290,
	264, 272, 210, CHEM 283
Geospatial Technologies	Program Type: Minor
	Number of Credits: 24
	Required courses: GEOG 260, 466
Human Environments	Program Type: BA Honours, Specialization,
	Major, Minor
	Number of Credits: 60, 60, 42, 30
	Required courses: GEOG 220, 260, 272, 274, 290,
	315, 361, 362, 363
Urban Planning	Program Type: BA Honours, Specialization
	Number of Credits: 63, 60
	Required courses: URBS 230, 240, 250, 260, 333,
	335, 362, 393
Urban Studies	Program Type: BA Major, Minor
	Number of Credits: 42, 30
	Required courses: URBS 230, 240, 250, 260, 300,
	335, 362

Department of History	
English and History	Program Type: BA Joint Specialization
	Number of Credits: 60
	Required courses: ENGL 261, 262
History	Program Type: BA Honours, Specialization,
	Major, Minor
	Number of Credits: 60, 60, 42, 24
	Required courses: HIST 200
Law and Society	Program Type: Minor
	Number of Credits: 24
	Course codes: ANTH, HIST, POLI, SOCI, SCPA,
	LAWS <sup>15</sup>

Interdisciplinary Studies

https://www.concordia.ca/academics/undergraduate/calendar/current/section-31-faculty-of-arts-andscience/section-31-170-interdisciplinary-studies.html

Department of Journalism	
Journalism	Program Type: BA Major, Minor Number of Credits: 45, 24 Required courses: JOUR 205, 206, 207, 208, 209, 216, 302, 321

<sup>&</sup>lt;sup>15</sup> This minor has electives from different fields

Department of	f Mathematics
Actuarial Mathematics	Program Type: BA/BSc Honours, Specialization, Specialization
	Number of Credits: 66, 60, 90 Required courses: MATH 251, 252, 264, 265
	Required courses: MATH 251, 252, 264, 265, 364, 249, 250, 280, ACTU 256, 257, 357, 457,
	458, 459, MACF 301, STAT 349, 360, 460, 461
Data Science	Program Type: BA/BSc Joint Major Number of Credits: 72
	Required courses: MAST 218, 221, 234, 333, 334, 387, 280, 380, 385, COMP 228, 232, 248, 249, 335, 352, 353, 282, 393, SOEN 471
Mathematical and Computational Finance	Program Type: BA/BSc Specialization Number of Credits: 90
	Required courses: MACF 401, 402, MATH 2511, 252, 264, 265, 364, 365, 370, 473, STAT 249, 250, 349, 360, 460, 461, ACCO 230, COMM 221, 309, ECON 201, 203, FINA 385, 395, 412
Mathematics and Statistics	Program Type: BA/BSc Major, Minor Number of Credits: 42, 24 Required courses: COMP, MAST
Pure and Applied Mathletics	Program Type: BA/BSc Honours, Specialization Number of Credits: 66, 60 Required courses: MATH 222, 251, 252, 264, 265, 364, 365, 366, 369, 370, 464, STAT 249, 250
Quantitate Finance and Insurance	Program Type: Minor Number of Credits: 24 Required courses: MAST 218, 221, 333, 335, 336, MACF 301
Statistics	Program Type: BA/BSc Honours, Specialization Number of Credits: 66, 60 Required courses: MATH 251, 252, 264, 265, 364, STAT 249, 250, 280, 349, 360, 450, 460, 461, 480

Department of Philosophy	
Philosophy	Program Type: BA Honours, Major, Minor Number of Credits: 60, 36, 24 Required courses: PHIL 210 or 214, 232, 260, 261, 360, 361

Department of Physics	
Biophysics	Program Type: Minor
	Number of Credits: 24
Physics	Program Type: BSc Honours, Specialization,
	Major
	Number of Credits: 72, 66, 45
	Required courses: MAST 218, 219, PHYS 230,
	232, 236, 245, 252, 253, 334, 335, 354, 367, 377,
	435

Department of Political Sciences	
Human Rights Studies	Program Type: Minor
	Number of Credits: 24
	Required courses: PHIL 241, POLI 214
Political Science	Program Type: BA Honours, Honours Thesis,
	Major, Minor
	Number of Credits: 60, 60, 42, 24
	Required courses: POLI 203, 204, 205, 206

Department of Psychology	
BA/BSc Honours in Psychology	Program Type: BA / BSc Honours
	Number of Credits: 66, 81
	Required courses: PSYC 305, 310, 311, 315, 316,
	355, 490, 491, 495
BA/ BSc Specialization in Psychology	Program Type: BA/ BSc Specialization
	Number of Credits: 60, 75
	Required courses: PSYC 305, 310 315, 316, 355
BA / BSc Major in Psychology	Program Type: BA / BSc Major
	Number of Credits: 42, 42
	Required courses: PSYC 305, 310, 315, 355
Minor in Psychology	Program Type: Minor
	Number of Credits: 24
	Required courses: PSYC 200, 310, 315

Department of Religions and Cultures	
Iranian Studies	Program Type: Minor, Certificate
	Number of Credits: 24, 30
	Course code: RELI
Judaic Studies	Program Type: BA Honours, Major, Minor
	Number of Credits: 60, 42, 24
	Required courses: RELI 220, 301, 326, 327, 328,
	HEBR 210 or 241, 242, RELI 401
Religions and Cultures	Program Type: BA Honours, Major, Minor
	Number of Credits: 60, 42, 24
	Course code: RELI
Southern Asia Studies	Program Type: BA Major, Minor
	Number of Credits: 42, 24
	Required courses: RELI 215 or 348, HIST 261 or
	364

Department of Sociology and Anthropology	
Anthropology	Program Type: BA Honours, Specialization,
	Major, Minor
	Number of Credits: 60, 60, 42, 30
	Required courses: ANTH 202, 301, 315
Sociology	Program Type: BA Honours, Specialization,
	Major, Minor

	Number of Credits: 60, 60, 42, 30 Required courses: SOCI 203, 212, 213, 300, 310
Joint Programs in Sociology and Anthropology	Program Type: BA Joint Specialization Number of Credits: 60 Required courses: ANTH 202, 301, 315, SOCI 203, 212, 213, 300

Department of Theological Studies	
Theological Studies	Program Type: BA Honours, Major, Minor, Certificate Number of Credits: 60, 42, 24, 30 Required courses: THEO 201, 202, 203, 204, 205, 243

Liberal Arts College	
Liberal Arts College Programs	Program Type: BA Honours, Major, Minor Number of Credits: 60, 42, 30 Required courses: LBCL 291, 292, 295, 391, 393, 490

Loyola College for Diversity and Sustainability	
Loyola College for Diversity and Sustainability	Program Type: Minor, Minor
(Diversity and the Contemporary World,	Number of Credits: 24, 27
Sustainability Studies)	Course codes: LOYC

School of Irish Studies	
Irish Studies	Program Type: BA Major, Minor, Certificate Number of Credits: 42, 24, 30 Required courses: HIST 211, 212, IRST 203, 209, 210, 211, 300

School of Community and Public Affairs	
Community, Public Affairs, and Policy Studies	Program Type: BA Major Number of Credits: 42 Required courses: SCPA 201, 203, 215, 301, 321, 352, 411, 412, 450, 480, INTE 296
First Peoples Studies	Program Type: BA Major, Minor Number of Credits: 45, 24 Required courses: FPST 201, 202, 203, 297, 301, 302, 303, 341, 397, 401, 402, 497
Immigration Studies	Program Type: Minor, Certificate Number of Credits: 24, 30 Required courses: SCPA 212, 315, 481
Indigenous Land-based Education	Program Type: Microprogram Number of Credits: 12 Required courses: FPST 210, ILBE 301, 302, 403

Science College	
Multidisciplinary Studies in Science	Program Type: Minor Number of Credits: 30 Required courses: SCOL 270, 290, 391, 490

Simon de Beauvoir Institute and Women's Studies	
Interdisciplinary Studies in Sexuality	Program Type: BA Major, Minor Number of Credits: 42, 27 Required courses: SSDB 220, 275, 390, 392, 425, 426
Women's Studies	Program Type: BA Specialization, Major, Minor, Certificate Number of Credits: 60, 42, 30, 30 Required courses: WSDB 290, 291, 292, 380, 480, 490

#### John Molson School of Business

https://www.concordia.ca/academics/undergraduate/calendar/current/section-61-john-molson-school-ofbusiness.html

#### JMSB Core (48 credits)

The required 48-credit core is identical for both the Bachelor of/Baccalaureate in Commerce (BComm) and the Bachelor of/Baccalaureate in Administration (BAdmin) and comprises the following courses:

34.5 credits of courses at the 200 level:

- COMM 205 Business Communication (3.00)
- COMM 211 Global Business Environment (3.00)
- COMM 213 Computing and Visualization Tools for Business Analytics (1.50)
- COMM 214 Business Analytics (3.00)
- COMM 216 Ethics, Business Sustainability, and Social Responsibility (1.50)
- COMM 217 Financial Accounting (3.00)
- COMM 219 Innovation Management (1.50)
- COMM 221 Financial Markets (3.00)
- COMM 223 Marketing Management (3.00)
- COMM 225 Production and Operations Management (3.00)
- COMM 226 Business Technology Management (3.00)
- COMM 227 Interpersonal and Critical Thinking Skills (3.00)
- COMM 229 Managing People in Organizations (3.00)

10.5 credits of courses at the 300 level:

- COMM 305 Managerial Accounting (3.00)
- COMM 309 Business Finance (3.00)
- COMM 316 Business Law and Ethics (1.50)
- COMM 320 Entrepreneurship (3.00)

3 credits at the 400 level:

• COMM 401 Strategic Management (3.00)

Notes:

- Students are responsible for following the correct sequence of courses required for the completion of a particular program.

Department of Accountancy	
Accountancy	Program Type: BComm Honours, Major
	Number of Credits: 90, 90
	Required courses: JMSB Core, ACCO 310, 320,
	330, 340, 400
Accounting for Financial Analysts	Program Type: Minor
	Number of Credits: 12
	Required courses: ACCO 310, 320, 355
Assurance, Fraud Prevention, and Investigative	Program Type: Minor
Services	Number of Credits: 12
	Required courses: ACCO 350, 360, 455, 465
Financial Reporting	Program Type: Minor
	Number of Credits: 12
Information Systems Audit and Risk Management	Program Type: Minor

	Number of Credits: 12 Required courses: 12 credits from ACCO 350, 360, 455, BTM 382, 430, 440
--	---

Department of Supply Chain and Business Technology Management	
Business Technology Management	Program Type: BComm Major, Minor
	Number of Credits: 90, 12
	Required courses: JMSB Core, BTM 380, 382,
	480, 481, 495, 496
Data Intelligence	Program Type: Minor
	Number of Credits: 12
	Required courses: BSTA 445, 450, 477, 478
Information Systems Audit and Risk Management	Program Type: Minor
	Number of Credits: 12
	Required courses: ACCO 350, 360, 455, BTM
	382, 430, 440
Supply Chain Operations Management	Program Type: BComm Major, Minor
	Number of Credits: 90, 12
	Required courses: JMSB Core, SCOM 361, 363,
	372, 374, 492, 498, BSTA 450

Economics	
Economics	Program Type: BComm Major, Minor Number of Credits: 90, 12 Required courses: JMSB Core, ECON 301, 302, 303, 304

Department of Finance	
Finance	Program Type: BComm Honours, Major, Minor Number of Credits: 90, 90, 12 Required courses: JMSB Core, FINA 385, 395

International Business	
International Business	Program Type: BComm Major, Minor Number of Credits: 90, 12 Required courses: JMSB Core, IBUS 466, 492 and credits from group A or B

Department of Management	
Entrepreneurship	Program Type: Minor
	Number of Credits: 12
	Required courses chosen from MANA 400-level
Human Resource Management	Program Type: BComm Major, Minor
	Number of Credits: 90, 12
	Required courses: JMSB Core, MANA 341, 366,
	420, 443, 444, 445, 446, 463, 479
Management	Program Type: BComm Honours, Major, Minor
	Number of Credits: 90, 90, 12
	Required courses: JMSB Core, MANA 341, 420,
	IBUS 492

Department of Marketing	
Marketing	Program Type: BComm Major, Minor Number of Credits: 90, 12 Required credits: JMSB Core, MARK 301, 302, 305, 495

Additional Program Options	
Real State	Program Type: Minor Number of Credits: 12 Required courses: FINA 210 and choice from MANA and URBS

# Gina Cody School of Engineering and Computer Science

https://www.concordia.ca/academics/undergraduate/calendar/current/section-71-gina-cody-school-ofengineering-and-computer-science.html

Department of Electrical and Computer Engineering	
Electrical Engineering	<ul> <li>Program Type: BEng in Electrical Engineering Number of Credits: 120</li> <li>Degree requirements: <ul> <li>30.5 credits from the Engineering Core (includes: ELEC 275, ENCS 282, ENGR 201, 202, 213, 233, 301, 371, 391, 392)</li> <li>Electrical Engineering Core (72.5 credits) COEN 212, 231, 243, 244, 311, 313, 352, ELEC 242, 251, 311, 312, 321, 331, 342, 351, 366, 367, 372, 390, 490, ENGR 290</li> <li>17 credits chosen from the Electrical Engineering Electives</li> </ul> </li> </ul>
Computer Engineering	<ul> <li>Program Type: BEng in Computer Engineering Number of Credits: 120</li> <li>Degree requirements: <ul> <li>30.5 credits from the Engineering Core (includes: ELEC 275, ENCS 282, ENGR 201, 202, 213, 233, 301, 371, 391, 392)</li> <li>Computer Engineering Core (69.5 credits): COEN 212, 231, 243, 244, 311, 313, 314, 316, 317, 320, 346, 352, 366, 390, 490, ELEC 242, 342, 372, EMGR 290, SOEN 341</li> <li>20 credits from the Computer Engineering Electives</li> </ul> </li> </ul>

Department of Mechanical, Industrial, and Aerospace Engineering	
Mechanical Engineering	<ul> <li>Program Type: BEng in Mechanical Engineering Number of Credits: 120</li> <li>Degree requirements: <ul> <li>27 credits from the Engineering Core (includes: ELEC 275, ENCS 282, ENGR 201, 202, 213, 233, 301, 371, 391, 392)</li> <li>87 credits from the Mechanical Engineering Core (ENGR 242, 243, 244, 251, 311, MECH 321, 343, 344, 351, 352, 361, 368, 370, 371, 373, 375, 390, 490, MIAE 211, 215, 221, 311, 312, 313, 380)</li> <li>6 credits from the Mechanical Engineering Electives</li> </ul> </li> </ul>
Industrial Engineering	Program Type: BEng in Industrial Engineering Number of Credits: 120
	Degree requirements:

	<ul> <li>27 credits from the Engineering Core (includes: ELEC 275, ENCS 282, ENGR 201, 202, 213, 233, 301, 371, 391, 392)</li> <li>81 credits from the Industrial Engineering Core (ENGR 245, 251, 311, INDU 211, 311, 320, 321, 323, 324, 330, 342, 371, 372, 411, 412, 421, 423, 490, MIAE 211, 215, 221, 311, 312, 313, 380)</li> <li>12 credits minimum of Industrial Engineering Electives</li> </ul>
--	--

Department of Building, Civil,	and Environmental Engineering
Building Engineering	Program Type: BEng
	Number of Credits: 120
	Degree requirements:
	- 29 credits from the Engineering Core (includes:
	ELEC 275, ENCS 282, ENGR 201, 202, 213, 233,
	301, 371, 391, 392)
	- Note: Students in BEng (Bldg) must successfully
	complete BLDG 482 instead of ENGR 392.
	- Note: The Engineering Core credits for students
	in the Building Engineering program are reduced
	from 30.5 credits to 29 credits since Building
	Engineering students are not required to take
	ENGR 202 (1.5 credits) in their program.
	- 75.5 credits from the Building Engineering Core
	9BCEE 231, 342, 344, 345, 371, 432, 451, BLDG
	212, 341, 365, 371, 390, 463, 471, 476, 490, CIVI
	321, ENGR 242, 243, 244, 251, 311, 361)
	-15.5 credits from Option A – Building Energy and Environment Electives or Option B –
	Building Structures and Construction Electives
Civil Engineering	Program Type: BEng in Civil Engineering
	Number of Credits: 120
	Degree requirements:
	- 30.5 credits from the Engineering Core
	(includes: ELEC 275, ENCS 282, ENGR 201,
	202, 213, 233, 301, 371, 391, 392)
	- 74.5 credits from the Civil Engineering Core
	(BCEE 231, 342, 343, 344, 345, 371, 432, 451,
	CIVI 212, 231, 321, 341, 361, 372, 381, 390, 490,
	ENGR 242, 243, 244, 251, 311, 361)
	- 15 credits from one of the following options:
	Option A – Civil Infrastructure; Option B –
	Environmental; Option C – Construction
	Engineering and Management (CEM)

Aerospace Engineering	
Aerospace Engineering	Program Type: BEng in Aerospace Engineering Number of Credits: 120 Degree requirements:

<ul> <li>27 credits from the Engineering Core (includes: ELEC 275, ENCS 282, ENGR 201, 202, 213, 233, 301, 371, 391, 392)</li> <li>38.25 credits from the Aerospace</li> </ul>
<ul> <li>Engineering Core (AERO 201, 290, 371, 390, 417, 490, ENGR 242, 243, 244, 251, 361)</li> <li>54.75 credits from one of the following options: Option A — Aerodynamics and Propulsion; Option B – Aerospace Structures and Materials; Option C — Avionics and Aerospace Systems</li> </ul>

Department of Computer Science and Software Engineering	
Computer Science	<ul> <li>Program Type: BCompSc in Computer Science. Honours, Minor,</li> <li>Number of Credits: 90</li> <li>Degree requirements: <ul> <li>33 credits from the Computer Science Core (COMP 228, 232, 233, 248, 249, 335, 346, 348, 352, 354)</li> <li>6 credits from the Computer Science Complementary Core (ENCS 282, 393)</li> <li>18 credits of Computer Science Electives</li> <li>6 credits of Mathematics Electives: BCompSc</li> <li>27 credits of Minor electives or General Electives: BCompSc</li> </ul> </li> </ul>

Department of Computer Science in Health and Life Sciences	
Computer Science in Health and Life Sciences	<ul> <li>Program Type: BCompSc in Health and Life Sciences; Honours, Co-op Number of Credits: 90</li> <li>Degree requirements: <ul> <li>33 credits from the Computer Science Core (COMP 228, 232, 233, 248, 249, 335, 346, 348, 352, 354)</li> <li>24 credits from the Health and Life Sciences Core</li> <li>6 credits from the Health and Life Sciences Complementary Core (ENCS 282, 393)</li> <li>12 credits from Health and Life Sciences Electives</li> <li>6 credits chosen from the Mathematics Electives: BCompSc list</li> <li>9 credits of General Electives: BCompSc (see Section 71.70.2 Degree Requirements)</li> </ul> </li> </ul>

Department of Computation Arts and Computer Science	
Computation Arts and Computer Science	<ul> <li>Program Type: BCompSc Joint Major</li> <li>Number of Credits: 90</li> <li>Degree requirements: <ul> <li>33 credits from the Computer Science</li> <li>Core (COMP 228, 232, 232, 233, 248, 249, 335, 346, 348, 352, 354)</li> <li>45 credits from the Computation Arts</li> <li>Core (FFAR 248, 249, CART 210, 211, 212, 214, 310, 410)</li> <li>12 credits: <ul> <li>COMP 345 Advanced Program Design with C++ (4.00)</li> <li>COMP 371 Computer Graphics (4.00)</li> <li>ENCS 282 Technical Writing and Communication (3.00)</li> <li>ENGR 411 Special Technical Report (1.00)</li> </ul> </li> </ul></li></ul>

Missing: department of chemical and materials engineering (?)

	Data Science
Data Science	<ul> <li>Program Type: BCompSc Joint Major in Data Science</li> <li>Number of Credits: 90</li> <li>Degree requirements: <ul> <li>33 credits from the Computer Science Core</li> <li>6 credits from the Computer Science</li> <li>complementary Core</li> <li>16 credits of Data Science Courses</li> <li>18 credits from the Mathematics and Statistics Core: Joint Major in Data Science</li> <li>6 credits of Computer Science Electives</li> <li>11 credits of General Electives: BCompSc</li> <li>Note: COMP 233 must be replaced by MAST 221.</li> <li>Note: The Joint Major in Data Science is offered in collaboration with the Department of Mathematics and Statistics.</li> </ul> </li> </ul>

# **Faculty of Fine Arts**

https://www.concordia.ca/academics/undergraduate/calendar/current/section-81-faculty-of-fine-arts.html

Department of Art Education	
Art Education	Program Type: BFA Specialization, Major, Minor Number of Credits: 120, 66, 24 Required courses: ARTE 220, 230, 320, 330, 340, 432, 434, 398, DRAW 200, EDUC 210

Department of Art History	
Art History	Program Type: BFA Major, Minor
	Number of Credits: 66, 30
	Required courses: ARTH 201, 202, 300
Art History and Film Studies	Program Type: BFA Major
	Number of Credits: 60
	Required courses: ARTH 201, 202, 300, FMST
	220
Art History and Studio Art	Program Type: BFA Major
	Number of Credits: 60
	Required courses: ARTH 201, 202, 300

Mel Hoppenheim School of Cinema	
Art History and Film Studies	Program Type: BFA Major Number of Credits: 60 Required courses: FMST 220, ARTH 201, 202, 300
Cinema	Program Type: Minor Number of Credits: 30 Required courses: FMST 220
Film and Moving Image Studies	Program Type: BFA Specialization, Major, Minor Number of Credits: 66, 48, 24 Required courses: FMST 201, 202, 203, 204, 205, 220
Film Animation	Program Type: BFA Major, Minor Number of Credits: 60, 30 Required courses: FMAN 203, 204, 225, 255, 256, 307, 308, 315, 340, 402, FMST 218, 220
Film Production	Program Type: BFA Specialization, Major Number of Credits: 66,54 Required courses: FMST 201, 202, 203, 220, FMPR 231, 239, 332, 338, 340
Film Studies	Program Type: BFS Specialization, Major, Minor Number of Credits: 66, 48, 24
Fundamentals of Digital Filmmaking	Program Type: Microprogram
(Microprogram)	Number of Credits: 9 Required courses: FMPR 231, 338
Screenwriting and Film Producing (Microprogram)	Program Type: Microprogram Number of Credits: 9 Required courses: FMPR 336, 341, 441

Department of Contemporary Dance	
Contemporary Dance	Program Type: BFA Major Number of Credits: 60 Required courses: DANC 202, 203, 302, 303, 402, 403, 205, 305, 405, 320, 420, 211, 250, 260, 350

Department of Creative Arts Therapies	
	No programs available

Department of Design and Computation Arts	
Design	Program Type: BFA Major
	Number of Credits: 66
	Required courses: DART 261, 262, 263, 221, 280,
	291, 292, 391, 392, 349, 380, 491
Computation Arts	Program Type: BFA Specialization, Minor
	Number of Credits: 60, 24
	Required courses: CART 210, 211, 212, 214, 253,
	263, 310, 410
Computation Arts and Computer Science	Program Type: BFA Joint Major
	Number of Credits: 90
	Required courses: FFAR 248, 249, CART 210,
	211, 212, 214, 310, 410
Game Design	Program Type: Minor
-	Number of Credits: 24
	Required courses: CART 215

Department of Music	
Electroacoustic Creative Practices	Program Type: BFA Specialization Number of Credits: 60 Required courses: EAST 200, 211, 251, 252, 300, 305, 310, 362, 363, 406, 407, 461, 462, 481, 482, MHIS 241
Electroacoustic Recording Arts	Program Type: BFA Specialization Number of Credits: 60 Required courses: EAST 200, 205, 211, 300, 305, 310, 351, 352, 451, 452, 465, 466, 481, 482, MHIS 241
Electroacoustic Studies	Program Type: BFA Major, Minor Number of Credits: 54, 24 Required courses: EAST 200, 211, 251, 252, 300, 310, 205, 305, MHIS 241
Jazz Studies	Program Type: BFA Specialization Number of Credits: 66 Required courses: JAZZ 200, 209, 210, 311, 252, 351, 352, 400, JPER 223, 224, 225, 323, 324, 325 225, 251, 252, MPER 233, 234, JHIS 314
Music	Program Type: BFA Major, Minor Number of Credits: 54, 24 Required courses: MUSI 211, 212, 251, 252, 351, 402, MHIS 203, 204

Music Composition	Program Type: BFA Specialization
	Number of Credits: 66
	Required courses: MUSI 211, 212, 251, 252, 311,
	351, 352, 353, 366, 367, 402, MPER 251, 252
Music Performance	Program Type: BFA Specialization
	Number of Credits: 66
	Required courses: MUSI 211, 212, 251, 252, 311,
	351, 352, MPER 251, 252, 490, MHIS 203, 204

Department of Studio Arts	
Art History and Studio Art	Program Type: BFA Major
	Number of Credits: 60, 60
	Required courses: ARTH 201, 202, 300
Studio Art	Program Type: BFA Major
	Number of Credits: 60, 60
	Required courses: DRAW 200
Ceramics Program	Program Type: BFA Major
	Number of Credits: 60
	Required courses: CERA 230, 330, 430, 498,
	ARTH 264, 350
Fibers and Material Practices	Program Type: BFA Major
	Number of Credits: 60
	Required courses: FBRS 240, 260, 480, ARTH
	266, 352
Intermedia (Video, Performance And Electronic	Program Type: BFA Major
Arts)	Number of Credits: 60
	Required courses: IMCA 400, ARTH 353
Painting and Drawing	Program Type: BFA Major
	Number of Credits: 60
	Required courses: DRAW 200, PTNG 200
Photography	Program Type: BFA Major
	Number of Credits: 60
	Required courses: PHOT 210, 211,300, 311, 331,
	400, ARTH 267, 359
Print Media Programs	Program Type: BFA Major, Minor
	Number of Credits: 60, 30
	Course code: PRIN
Sculpture	Program Type: BFA Major
	Number of Credits: 60
	Required courses: SCUL 211, 310, 410

Department of Theatre	
Acting for Theatre	Program Type: BFA Specialization
	Number of Credits: 60
	Required courses: ACTT 209, PERC 211, 212,
	303, 306, SCEN 209, 271, 210, 211, 321, 325,
	331
Performance Creation	Program Type: BFA Specialization
	Number of Credits: 60
	Required courses: PERC 209, 211, 212, 303, 306,
	201, 321, 384, 311, 318, SCEN 209, 271

Scenography	Program Type: BFA Specialization Number of Credits: 60 Required courses: ACTT 209, PERC 209, 211, 212, 303, 306, SCEN 209, 210, 214, 271, PERC 311
Theatre	Program Type: Minor Number of Credits: 24 Required courses: PERC 211, 212