

2026/2027 Bioinformatics

Year 1	
	MDSC 201 (BLOCK WEEK)
BIOL 211	BIOL 213
CHEM 201	CHEM 203
MATH 249 (265)	MATH 267
CPSC 217 (231)	CPSC 219 (233)
MDSC 203	MDSC 205

Year 2	
CHEM 341 or 351	MDSC 301
STAT 321	CPSC 319
MDSC 341	MDSC 351
	Humanities Option
MDSC 308	

Year 3	
Senior Option	Core Option
Open Option	Open Option
Core Option	BCEM 393 or 341
MDSC 403	Senior Option
MDSC 408	

Year 4	
Core Option	MDSC 519
Core Option	Senior Option
MDSC 523 or MDSC 545	Core Option
**MDSC 508	

Student:	
Year of Admission:	2026
ID:	
Date:	
Minor:	

Humanities Option:	Selected from ANME, ALS, ALMC, CHIN, EALS, EAST, ENGL, FREN, GSXS, GERM, GREK, GRST, INDL, ITAL, JPNS, LANG, LATI, LING, PHIL, REL, ROST, RUSS, SLAV, SAST, SPAN, or MDSC 307; or MDSC 309
Open Option:	any course
Core Option ***:	Medical Science 402, 404, 417, 419, 501, 503, 507, 515, 517, 521, 523, 525, 528, 535, 541, 543, 561, 565, 567, 569 Biochemistry 411, 413, 443, 547, 561, 575 Biology 305, 307, 309, 313, 315, 371, 375, 401, 435, 451, 453, 505, 591 Cellular, Molecular and Microbial Biology 343, 403, 421, 431, 443, 451, 461, 505, 543, 545, 563 Computer Science 329, 335, 355, 359, 398, 399, 405, 411, 433, 441, 449, 457, 461, 471, 481, 499, 526, 550, 565, 568, 571, 575, Data Science 305 Mathematics 211, 271, 311, 319, 325, 331, 367, 376, 391, 411, 413 Statistics 323, 429, 431, 519, 523, 525, 529, 531, 533
Senior Option:	any course at the 300-level or above

*Students with programming experience may register in CPSC 235 in place of CPSC 231, CPSC 233. Students selecting this option must have approval from the Department of Computer Science. If a student completes CPSC 235, 3 units may be taken as an open option.

**MDSC 508

(Research Project to be taken in final year.) The Research Project is worth 12 units and is held over two terms.

***15 units Core Option: At least 3 units must be in BIOL, BCEM, CMMB or MDSC, and at least 3 units must be in CPSC, DATA, MATH or STAT. MDSC 402 and 417/419 cannot be taken in the same year as MDSC 508.