

Three-Year Graduation Plan – Cell and Molecular Biology (CMB) Comprehensive (BS degree)

A 3-year graduation plan does not take into account dual credit or transfer credit that a student may bring with him or her upon admission to MSU. It may be possible to graduate in less than four years under the appropriate circumstances. With a comprehensive BS degree, an 18-hour minor is not required.

A 3-year graduation plan is **not** designed for every student, and it assumes that : (1) no remedial coursework is required; (2) the student does not fail or repeat any classes; (3) the student does not change either the major or minor, and (4) the student is willing to take classes each summer.

*MTH sequence depends on initial eligibility (135>181>287 or 138>287 or 261); the CMB program requires MTH 287 or 261.

A specific set of electives that satisfies the CMB major requirements is included in the table below and is intended as an example only. Other electives might be chosen to satisfy the degree requirements. Since BMS 307 is an intensive 5-week course (indicated for the first summer semester), careful selection of companion courses for this semester must be exercised.

First Semester	Second Semester	First Summer
IDS 110 (GEP 1)– 2 hours	CIS 101 (GEP 2)– 2 hours	MTH 135 or 138*(GEP 6)– 3 hours
ENG 110 (GEP 4)– 3 hours	BMS 231 – 4 hours	BMS 307 – 4 hours
BMS 110 (GEP 10)– 4 hours	COM 115 (GEP 3)– 3 hours	
PED 100 (GEP 7)– 2 hours	CHM 170 – 3 hours	
CHM 160 (GEP 12)– 4 hours	CHM 175 – 2 hours	
General Elective – 3 hours	HST 121 (GEP 21) – 3 hours	
Total = 18 hours	Total = 17 hours	Total = 7 hours

Third Semester	Fourth Semester	Second Summer
BMS 308 – 4 hours	BMS 321 – 4 hours	GEP 19 – 3 hours
CHM 342 – 5 hours	CHM 343 – 5 hours	PHY 123 – 4 hours
MTH 181* – 3 hours	MTH 287 – 3 hours	
Writing II (GEP 5) – 3 hours	GEP 17 – 3 hours	
PSY 121 (GEP 18) – 3 hours	GEP 16 – 3 hours	
Total = 18 hours	Total = 18 hours	Total = 7 hours

Fifth Semester	Sixth Semester	Third Summer
BMS 521 – 4 hours	BMS 525 – 4 hours	GEP 20 – 3 hours
BMS 585 – 4 hours	BMS 570 – 3 hours	PLS 101 (GEP 22)– 3 hours
PHY 124 – 4 hours	BIO 310 – 5 hours	
BMS 494 – 1 hour	General Elective – 3 hours	
BMS 530 – 2 hours	General Elective – 3 hours	
BMS 460 – 1 hour		
Total = 16 hours	Total = 18 hours	Total = 6 hours