

B.S. in physiology curriculum

College of Natural Science

Years 1 and 2

Physiology: (1 cr)	PSL 101	Frontiers in Physiology (Spring semester)
Biosciences: (10 cr)	BS 161, 171 BS 162, 172	Cells & molecules (lecture and lab) Organisms & populations (lecture and lab)
Chemistry: (17 cr)	CEM 141, 161 CEM 142, 162 CEM 251, 252, 255	General chemistry (lecture and lab) General & inorganic (lecture and lab) Organic chemistry I & II (lectures and lab)
Physics: (8 cr)	{PHY 231, 251} or PHY 221 {PHY 232, 252} or PHY 222	Intro physics I (lecture and lab) Intro physics II (lecture and lab)
Calculus & statistics: (6-7 cr)	{MTH 124, 126} or {MTH 124, STT 200/201/231} or {MTH 132, 133} or {MTH 132, STT 200/201/231}	Survey of calculus I & II or Survey of calculus I & statistics or Calculus I & II or Calculus I & statistics

Years 3 and 4

Anatomy: (3-4 cr)	ANTR 350 or IBIO 320 or IBIO 328	Human gross anatomy or Developmental biology or Comparative anatomy
Biochemistry: (4-6 cr)	{BMB 461, 462} or BMB 401	Advanced biochemistry I & II or Comprehensive biochemistry
Physiology: (18 cr)	PSL 431 (fall), 432 (spring) PSL 450 (fall) PSL 425 or CEM 383 PSL 460(W) PSL 475L	Human physiology I & II Physiology in health and disease Physiological biophysics or Physical chem Topics in physiology (Tier II writing) Physiology capstone laboratory

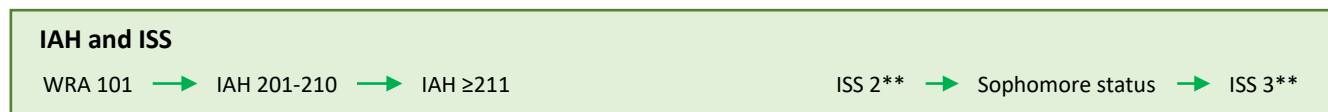
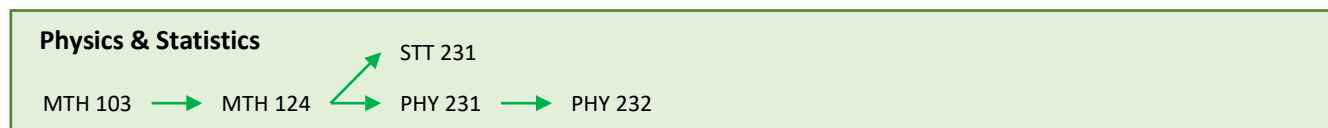
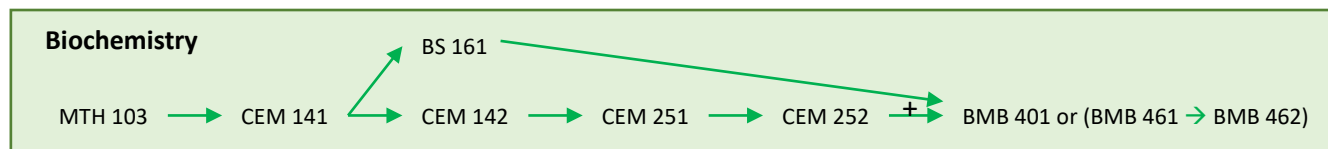
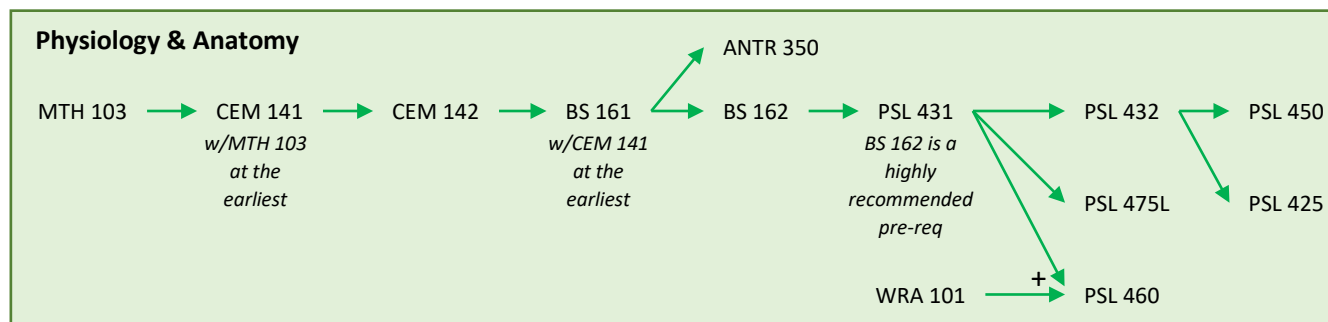
29-33 credit hours of electives, of which 12 credits must be outside of Natural Science.

University requirements (20 cr)

Tier I writing:	WRA 101
Integrative studies in the arts and humanities:	IAH 201-210 IAH 211 or higher
Integrative studies in the social behavioral and economic sciences:	ISS 200-level ISS 300-level
* Each IAH and ISS course is labeled with I, N, or D. You must take courses that are in at least two of the categories.	

Suggested progression of courses in the physiology curriculum

Laboratories are not included in this summary.



Additional Resources

Lori Seischab, Ph.D
Physiology Academic Advisor
Email: seischab@msu.edu Phone: 517-884-5200

L. Karl Olson, Ph.D
Undergraduate Program Director
Email: olsonla@msu.edu Phone: 517-355-5000

Schedule an Advising Appointment: <https://student.msu.edu>