Bachelor of Science in Molecular and Cell Biology (123 credits)

Freshman

- Fall (16 cr)
  - CHM1213: Univ Chem 1 (Placement)
  - BIO1213: Biology 1 (Placement)
  - MCS1414: Calculus 1 (Placement) or MCS1224: Survey of Calculus (Placement)
  - COM1001: Pathways to Research Careers
- Spring (15 cr)
  - CHM1223: Univ Chem 2
  - BIO1223: Biology 2 (Placement)
  - MCS2124: Statistics (Placement)
  - LLT1213: World Masterpieces 1
  - CHM1221: U Chem 1 Lab
  - BIO1221: Biology 1 Lab
  - MCS2124: Statistics Lab

Sophomore

- Fall (17 cr)
  - CHM2313: Organic Chem 1
  - PHY2213: College Physics 1 (Placement)
  - SSC/PSY___3: SSC/PSY Elective
  - COM1103: College Comp (Placement)
  - CHM1231: Org Chem 1 Lab
  - MCS1224: Survey of Calculus (Placement)
  - LLT1223: World Masterpieces 2
- Spring (15 cr)
  - CHM2323: Organic Chem 2
  - PHY2223: College Physics 2
  - SSC2413: Found Am Exp
  - CHM2321: Org Chem 2 Lab
  - MCS2124: Statistics
  - LLT1223: World Masterpieces 2

Junior

- Fall (15 cr)
  - CHM3403: Biochemistry
  - BIO3203: Anatomy & Physiology A
  - BIO3201: Anatomy & Physiology Lab
  - BIO3203: Anatomy & Physiology B
  - BIO3303: Anatomy & Physiology Lab
  - PSC3002: Leadership in Scientific Research (Junior Standing)
- Spring (14 cr)
  - CHM3411: Biochemistry Lab
  - BIO3203: Anatomy & Physiology B
  - BIO3201: Anatomy & Physiology Lab
  - BIO3303: Anatomy & Physiology Lab
  - PSC3002: Leadership in Scientific Research (Junior Standing)
  - COM3000: Writing Proficiency Exam
  - COM2103: Tech and Prof Communication

Senior

- Fall (15 cr)
  - BIO4103: Evolution
  - BIO4103: Evolution
  - BIO4812: In-Depth Cell Biology Lab
  - Any interdepartment senior project coursework must be approved by a Natural Sciences advisor and department chair.
- Spring (16 cr)
  - BIO4922: Senior Project 2 (Senior Standing)
  - BIO4912: Senior Project 1 (Senior Standing)
  - BIO4921: Senior Project 1 (Senior Standing)
  - BIO3203: Anatomy & Physiology B
  - BIO3201: Anatomy & Physiology Lab
  - BIO3303: Anatomy & Physiology Lab
  - PSC3002: Leadership in Scientific Research (Junior Standing)

Courses marked with symbols are only offered every other year.

- * Even Years
- * Odd Years

Leftmost course is prerequisite

One course is co-requisite to the other

(Placement): Requires passing score on placement exam

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