

BS in Biochemistry/Biophysics Option with Chemistry** minor

Name & WSU ID: _____

Expected graduation date: _____

UCORE REQUIREMENTS: (see catalog or advisement report in *myWSU* for more details) DTA:___ AST:___

Term

Roots of Contemporary Issues[ROOT]	(3)	_____	Creative & Professional Arts [ARTS]	(3)
***MBioS 201 (required) (Sp) [COMM]	(3)	_____	Diversity [DIVR]	(3)
Written Communication [WRTG]	(3)	_____	Writing Portfolio:	
Inquiry in Social Sciences [SSCI]	(3)		https://writingprogram.wsu.edu/uwpsubmission/	
Humanities [HUM]	(3)			

Non-Major prerequisites

*Biol 106 Introduction: Organismal	(4)
*Biol 107 Introduction: Cell Biology & Genetics	(4)
*Chem 105 Principles I	(4)
*Chem 106 Principles II	(4)
Chem 220/222 Quant Chem and lab	(4)
Chem 345 Organic Chem I	(4)
Chem 347 Organic Qualitative Analysis Lab	(3)
Chem 348 Organic Chem II & Problem Solving	(4)
Phys 201 Science & Eng I	(4)
Phys 202 Sci & Eng II	(4)
Math 171 Calculus I	(4)
Math 172 Calculus II	(4)

MOLECULAR BIOSCIENCES (A grade of C or better is required in **all** MBioS courses.)

			(cr) [SMB Prerequisites are listed in brackets]
*MBioS 301 General Genetics (Fa/Sp/Su)	(4)		[Biol 106, 107; Chem 105, 106]
*MBioS 303 Introductory Biochemistry (Fa/Sp/Su)	(4)		[Chem 345]
MBioS 304 Micro/Mol Biol Lab(Fa/Sp/Su) *	(3)		[c// MBioS 303 or MBioS 305]
MBioS 305 Gen Microbio/ology Lecture (Fa/Sp/Su)	(3)		[Biol 107; Chem 345; MBioS 303 rec]
MBioS 401 Cell Biology (Sp)	(3)		[MBioS 301, 303]
MBioS 413 General Biochemistry I (Fa)	(3)		[MBioS 303; junior standing]
MBioS 414 General Biochemistry II (Sp)	(3)		[MBioS 413]
[M]MBioS 454 Biochemistry Lab (Fa)	(3)		[MBioS 303; 304]
MBioS 465 Principles of Biophysical Chem (Sp)	(3)		[MBioS 303; Math 140 & 171; Phys 102 or 202]
OR { Phys 466 Biological Physics (Fa)	(3)		[Chem 106; Math 172; Phys 202]
{ MBioS 466 Physical Biochemistry (Fa-even)	(3)		[MBioS 465; Math 172; Phys 202]
[M]MBioS 494 [CAPS] Senior Project (Fa/Sp)	(3)		[senior status]

One laboratory course from below:

[M]MBioS 402 Genetics Lab (Sp)	(3)
[M]MBioS 411 Medical Bact (c// 410) (Sp)	(3)
[M]MBioS 430 Immunology/Virology Lab (Fa)	(3)
MBioS 495 Internship Training	(min 3)
MBioS 498 Directed Research (Fa/Sp/Su)	(min 3)
MBioS 499 Special Problems (Fa/Sp/Su)	(min 3)
Biol 251 Intro Human Physiology (Fa/Su)	(4)
Biol 315 Gross and Microanatomy (Fa/Sp)	(4)
Biol 353 Advanced Human Physiology (Sp)	(4)
Neuro 425/426 Integrated Physiology and Lab (Su/Sp)	(4)
Vet Ph 308 Anatomy of Domestic Animals (Sp)	(4)

Additional electives needed to reach 120 credits

* A grade of 'C' or better is required in these courses to remain admitted to major and for eligibility for SMB scholarships
 ***MBioS 201 is required for students admitted to major fall 2021 and after
 The chemistry minor must be added by the Chemistry department after admittance to major.