

Bachelor of Science in Biology Pre-Medicine/Pre-Osteopathic Medicine Major Advising Worksheets^{\$}

General Studies:

Composition & Oral Communication Outcome (6-10 credit hours)

2-3 courses, grade of C or better required

ENG 101 and ENG 102	— / —	COM 101	—
OR		(required for all students)	
ENG 103	—		

Analysis Outcome (3 credit hours; 7-11 credit hours of MATH and BIO/CHEM/PHYS satisfied within major requirements)

Students must take one course:

COM 203 (Arg/Debate)	—	LING 150 (Intro Ling)	—
ECON 103 (Microecon)	—	PHIL 210 (Logic)	—
FIN 131 (Financial Lit)	—	PSYC 101 (Intro to Psych)*	—

Cultural Literacy Outcome (18 credit hours)

Students must take courses from each literacy block as directed:

<u>History (1 Course)</u>	<u>Literature (1 Course)</u>
HIST 103, 104, 210, 211	ENG 202, 204, 205, 214, 215

Arts & Humanities (2 Courses)

1 courses from each group

GROUP I:

ART 140, 341, 343,
MUS 130, 132, 133, 134
THE 100, 300

GROUP II:

PHIL 201, 205
REL 250, 335
Any FREN or SPAN
SPA 252

Social Sciences (2 Courses)

2 courses from different groups

GROUP I:

GEO 205, 206

GROUP II:

POLS 101, 201, 202

GROUP III:

SOC 150*, SWK 201

*Students must take PSYC 101 and SOC 150 as a General Studies course.

Pre-Medicine Major:

Core Courses:

BIO 124/125 [‡] (Prin Bio/lab)	— / — (4h)	PHYS 101/110 (Phys I)	— / — (4h)
BIO 202/203 (Zoology/lab)	— / — (4h)	PHYS 102/111 (Phys II)	— / — (4h)
BIO 208 (Found Cell & Molec)	— (3h)	MATH 210 [‡] (Calc I)	— (4h)
CHEM 110/111 [‡] (Chem I)	— / — (4h)	MATH 160 (Stats)	— (3h)
CHEM 112/113 (Chem II)	— / — (4h)	OR	
		BIO 221 (Biostats)	— (3h)

[‡]Courses fulfill General Studies Analysis Outcome, Quantitative and Scientific blocks.

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Revised POMP requirements 9/20/2021

Major Specific Courses:

BIO 302/303 (Anat I/lab)	__/_(4h)	BIO 460/461 (Mol Bio/lab)	__/_(4h)
BIO 317 (Immunology)	__(3h)	BIO 472 (Cell Bio)	__(3h)
BIO 325/326 (Micro & lab)	__/_(4h)	BIO 479 (Intern; 1-3h)	__
BIO 328/334 (Anat II/lab)	__/_(4h)	BIO 480 (Capstone)	__(2h)
BIO 401 (Genetics/lab)	__(4h)		

Restricted Electives (9h required from the following list):

BIO 200 (Botany/lab)	__(4h)	BIO 423 (Pathophys)	__(3h)
BIO 330 (Nutrition)	__(3h)	BIO 426 (Comp Phys)	__/_(4h)
BIO338 (Med. Bot)	__(3h)	BIO 432 (Histol)	__(4h)
BIO 350 (Develop Bio)	__(3h)	BIO 462 (Micro Path)	__(3h)
BIO 407 (Human Gen)	__(3h)	BIO 465 (Virology)	__(3h)

Additional Requirements:

CHEM 340/341 (OChem I)	__/_(4h)	CHEM 342/343(OChem II)	__/_(4h)
CHEM 480 (BiochemI; S)	__(3h)		
OR			
BIO 470 (Biol Chem; F)	__(3h)		

General electives to total 120 as needed.

- 120 credit hours are required to graduate from West Liberty with a B.S.; 40 of those hours must be 300-400 level courses.
- The Pre-Medicine major requires a cumulative 3.2 gpa in all math and sciences courses with at least a "C" in each course within the program.
- *Pre-Medicine majors must take PSYC 101 and SOC 150 within their General Education curriculum. These courses are required for the major and for MCAT preparation.
- For eligibility to WVSOM Pre-Osteopathic Medicine Program, Pre-Medicine majors must:
 - Maintain a science GPA of 3.4 or higher
 - Be a college sophomore
 - Be a US resident or permanent citizen
 - Have completed the following by application:
 - 8 hrs of Biology with labs
 - 8 hrs of General Chemistry with labs
 - Apply during the spring of the sophomore year by June 30th using the application available on the WVSOM POMP webpage
 - Have copies of the transcript emailed to WVSOM at POMP@osteo.wvsom.edu
 - Have advisor write and submit a letter of recommendation at POMP@osteo.wvsom.edu
- For final admission to WVSOM, students in the POMP must:
 - Submit an AACOMAS application prior to beginning the senior year
 - Maintain a 3.4 science GPA
 - Achieve a MCAT score of 500 or better by the senior year
 - Shadow a D.O. for 25 hours or more
 - Complete 25 hours or more of volunteer/health care experience

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- Submit two required letters of recommendation:
 - Doctor of Osteopathic Medicine (not a family member)
 - Basic Science Faculty Member who has taught you, Pre-Med Advisor, or Pre-Med Advisory Committee
- Successfully complete all WVSOM prerequisite coursework (see WVSOM POMP webpage)
- [§]These worksheets are to be used as a guide. Each student is responsible for their curriculum and meeting the requirements for graduation as stipulated in the college catalog.
- Courses may not be offered every semester and/or every year; please consult Biology advisor for course sequencing.