Marking Key ✓ courses completed ✓ enrolled in now ● next or planned

Pre-Vet Advising Checklist

____ Cr hrs completed

ACADEMIC STANDING Class status: Fresh. Soph. Junior Senior

Academic Advisor: Dr. Barbeau

Registration opens: _____

STUDENT NAME: _____ STUDENT ID NUMBER: _____

CLASSES NEEDED	HOURS	
UNIVERSITY LIFE		
UNIV 100	1	
COMPOSITION		
ENGLISH 101	3	
**For this course you can take ENG 101 (without writing studio) or ENG 101E/L (with writing studio).*		
ENGLISH 102	3	
COMMUNICATIONS		
SPEECH 101	3	
MATHEMATICS *Some vet schools might want statistics or calc* **Math 134, Biol 218**		
**You may have placed into MATH 105 classes. This does not fulfill General Education requirements.*		
MATH 111	3	
MATH 132	3	
SOCIAL SCIENCES		
POLITICAL SCIENCE 101 or 103	3	
*SOCIAL SCIENCE ELECTIVE #1:	3	
*SOCIAL SCIENCE ELECTIVE #2:	3	
**This can be any Sociology, Geography, Economics, Political Science or Anthropology course.*		
HUMANITIES		
LITERATURE	3	
HISTORY 101, 102, 103, 104, or 105	3	
FINE ART APPRECIATION: ART 101, MUSIC 101, THEATER 101	3	
HUMANITIES ELECTIVE	3	
**This can be any class in Literature, History, Fine Art, Philosophy, Religious Studies, Gender Studies, or AAAS.*		
BIOLOGY CLASSES		
BIOL 105/115 ***or*** BIOL 107	4	
**Must be eligible to take MATH 111 to start taking biology.*		
BIOL 106 ***or*** BIOL 108	4	
SOPHOMORE SEMINAR: 299	1	
CELL BIOLOGY BLOCK: 301, 302, or 407	4	
ORGANISMAL BIOLOGY BLOCK: 201, 202, 209, 216, 303, 305, 311, 312, or 315	4	
GENETICS BLOCK: 401 or 409	4	
ECOLOGY BLOCK: 308, 317, 318, 400, 411, 412 or 440	4	
BIOLOGY 490 (3 Hours Max. May be used to fulfill requirements for Biol Elec)	1-3	
BIOLOGY ELECTIVE #1	4	
BIOLOGY ELECTIVE #2	4	
**Electives can be any biology class/lab above the 199 level. A total of 8 hours is needed. Internship hours also count.*		
BIOLOGY CAPSTONE 499	1	
CHEMISTRY CLASSES (FIRST COLLATERAL)		
GENERAL CHEMISTRY 111	3	
GENERAL CHEMISTRY LAB 111L	1	
It is **required that you have taken or be placed in MATH 111 to start taking chemistry.*		
GENERAL CHEMISTRY 112	3	
GENERAL CHEMISTRY LAB 112L	1	
ORGANIC CHEMISTRY 201	4	
PHYSICS CLASSES		
GENERAL PHYSICS 215	4	
GENERAL PHYSICS 216	4	

Additional Information for Veterinary School (if you are not Pre-Vet, you don't need a Chem minor)

Students that plan to apply to Veterinary School should:

- Some schools may require a statistics course. Math 134 or Biol 218 recommended in this situation.
- Take Microbiology (BIOL 311) to fulfill the Organismal Block
- Take Genetics (BIOL 401) to fulfill the Genetics Block
- Take Principles in Animal Nutrition (BIOL 217), Comparative Anatomy (BIOL 305) and Animal Physiology (BIOL 410) to fulfill biology electives. Or other electives depending on the vet school you plan to apply to.
- Complete Chemistry Minor including Biochemistry (CHEM 404).

ADD A MINOR OR SECOND COLLATERAL Pre-Vet Students need to complete a minor in Chemistry, because all vet schools want Biochemistry (Chem 404)		
MINOR = 18 HOURS IN A SUBJECT (Only need 2 more for Chemistry minor)	18	
CHEM 202	4	
CHEM 404	3 or 4	
Or SECOND COLLATERAL = 12 HOURS IN A SUBJECT	12	
FREE ELECTIVES (NEED ENOUGH TO REACH 120 TOTAL HOURS)		
ELECTIVE:		
ELECTIVE:		
ELECTIVE:		
ELECTIVE:		
ELECTIVE:		
ELECTIVE:		

Biology Department
Leatherman Science Facility, Room 204
biology@fmarion.edu
(843) 661-1382

Recommended Class Schedules for Incoming Freshmen
(based on the math placement)

MATH 132
ENGL 101 or 101E/101L
BIOL 105/115 or 107
CHEM 111 and 111L
UNIV 100

ENGL 102
BIOL 106
SPCO 101
CHEM 112 and 112L