

ADVISING WORKSHEET

MINOR IN STATISTICS GENERAL BULLETIN 2015-2017

TRANSFER INSTITUTION(S):					

Montana State University Billings Advising and Career Services Phone: 406-657-2240

Fax: 406-657-2302 advising@msubillings.edu www.msubillings.edu/advise/

Name	 	
Student ID #		

STAT 216			Course	Credits	Grade	Semester	Equivalent	
One or both of the following: STAT 217 Intermediate Statistical Concepts 4 STAT 341 Introduction to Probability & Statistics 4 Group A Electives: Choose 0-9 credits from the list below or other courses chosen in consultation with the Math Department advisor. The elective courses are not limited to the list below. Students should contact the Math Department to confirm the eligibility of any course with an adequate statistics component to count as an elective in this group. BGEN 315 Applied Business Decisions 3 BMGT 322 Operations Management 3 BMKT 342 Marketing Research 3 BMKT 411 Services/Relationship Marketing 3 BOCI 318 Sociological Research Methods 3 SOCI 319 Statistics for Sociologists 3 SOCI 499 Senior Thesis/Capstone 3 STAT 492 Independent Study 1-3 STAT 492 Research Design and Analysis I 3 STAT 492 Research Methods III 3 STYX 223 Research Design and Analysis I 3 STYX 320 Research Methods III 3 STYX 321 Research Methods III 3 STYX 499 Senior Thesis 3 Group B **M 171 Calculus I OR **M 161 Survey of Calculus Group B Electives: Choose 0-6 credits from the list below or other courses chosen in consultation with the Math Department to confirm the eligibility of any course with an adequate math or statistics component to count as an elective in this group. CHMY 373 Physical Chemistry-Quantum Chemistry-Skinetics/Thermodynamics 3 Physical Chemistry-Guantum Chemistry-Skinetics/Thermodynamics 3 Physical Chemistry-Kinetics/Thermodynamics 3 STAT Physical Chemistry-Kinetics/Thermodynamics 3	Group A							
STAT 217 Intermediate Statistical Concepts STAT 341 Introduction to Probability & Statistics 4 Group A Electives: Choose 0-9 credits from the list below or other courses chosen in consultation with the Math Department advisor. The elective courses are not limited to the list below. Students should contact the Math Department to confirm the eligibility of any course with an adequate statistics component to count as an elective in this group. BGEN 315 Applied Business Decisions 3 BMGT 322 Operations Management 3 BMKT 342 Marketing Research 3 BMKT 411 Services/Relationship Marketing 3 BOCI 318 Sociological Research Methods 3 SOCI 319 Statistics for Sociologists 3 SOCI 499 Senior Thesis/Capstone 3 STAT 492 Independent Study 1-3 STAT 492 Research Design and Analysis I 3 STAT 492 Research Methods III 3 STAT 320 Research Methods III 3 STAT 321 Research Methods III 3 STAT 499 Senior Thesis 3 STAT 321 Research Methods III 3 STAT 321 Research Methods III 3 STAT 322 Research Methods III 3 STAT 334 Research Methods III 3 STAT 499 Senior Thesis 3 STAT 490 Senior Thesis 4 STAT 490 Senior Thesi	*STAT	216	Introduction to Statistics	4				
STAT 341 Introduction to Probability & Statistics 4	One or both of the following:							
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BGEN 315 Applied Business Decisions 3								
BGEN 315 Applied Business Decisions 3								
BMGT 322 Operations Management 3 BMKT 342 Marketing Research 3 Services/Relationship Marketing 3 Services/Re				compone	nt to cou	nt as an elect	tive in this group.	
BMKT 342 Marketing Research 3	BGEN	315	Applied Business Decisions					
BMKT 411 Services/Relationship Marketing 3 SOCI 318 Sociological Research Methods 3 SOCI 319 Statistics for Sociologists 3 SOCI 499 Senior Thesis/Capstone 3 *STAT 141 Introduction to Statistical Concepts 3 STAT 492 Independent Study 1-3 PSYX 222 Psychological Statistics 3 PSYX 222 Psychological Statistics 3 PSYX 320 Research Design and Analysis I 3 PSYX 321 Research Methods III 3 PSYX 321 Research Methods III 3 PSYX 499 Senior Thesis 3 Group B *M 171 Calculus I OR *M 161 Survey of Calculus Group B Electives: Choose 0-6 credits from the list below or other courses chosen in consultation with the Math Department advisor. The elective courses are not limited to the list below. Students should contact the Math Department to confirm the eligibility of any course with an adequate math or statistics component to count as an elective in this group. CHMY 371 Physical Chemistry-Quantum Chemistry/Spectroscopy CHMY 373 Physical Chemistry-Kinetics/Thermodynamics 3	BMGT	322	Operations Management	3				
SOCI 318 Sociological Research Methods 3 SOCI 319 Statistics for Sociologists 3 SOCI 499 Senior Thesis/Capstone 3 *STAT 141 Introduction to Statistical Concepts 3 STAT 492 Independent Study 1-3 PSYX 222 Psychological Statistics 3 PSYX 223 Research Design and Analysis I 3 PSYX 320 Research Methods III 3 PSYX 321 Research Methods III 3 PSYX 321 Research Methods III 1 3 PSYX 499 Senior Thesis 3 Group B *M 171 Calculus I OR *M 161 Survey of Calculus Group B Electives: Choose 0-6 credits from the list below or other courses chosen in consultation with the Math Department advisor. The elective courses are not limited to the list below. Students should contact the Math Department to edigibility of any course with an adequate math or statistics component to count as an elective in this group. CHMY 371 Physical Chemistry-Quantum Chemistry/Spectroscopy CHMY 373 Physical Chemistry-Kinetics/Thermodynamics 3	BMKT	342	Marketing Research	3				
SOCI 319 Statistics for Sociologists 3 SOCI 499 Senior Thesis/Capstone 3 *STAT 141 Introduction to Statistical Concepts 3 STAT 492 Independent Study 1-3 PSYX 222 Psychological Statistics 3 PSYX 223 Research Design and Analysis I 3 PSYX 320 Research Methods III 3 PSYX 321 Research Methods III 1 3 PSYX 321 Research Methods III 1 3 PSYX 499 Senior Thesis 3 Group B *M 171 Calculus I 3-4 OR *M 161 Survey of Calculus Group B Electives: Choose 0-6 credits from the list below or other courses chosen in consultation with the Math Department advisor. The elective courses are not limited to the list below. Students should contact the Math Department to advisor. The elective courses are not limited to the list below. Students should contact the Math Department to confirm the eligibility of any course with an adequate math or statistics component to count as an elective in this group. CHMY 371 Physical Chemistry-Quantum 3 Chemistry/Spectroscopy CHMY 373 Physical Chemistry-Kinetics/Thermodynamics 3	BMKT	411	Services/Relationship Marketing	3				
SOCI 499 Senior Thesis/Capstone 3	SOCI	318	Sociological Research Methods	3				
*STAT 141 Introduction to Statistical Concepts 3 STAT 492 Independent Study 1-3 PSYX 222 Psychological Statistics 3 PSYX 223 Research Design and Analysis I 3 PSYX 320 Research Methods III 3 PSYX 321 Research Methods III Lab 1 PSYX 499 Senior Thesis 3 Group B *M 171 Calculus I 3-4 OR *M 161 Survey of Calculus Group B Electives: Choose 0-6 credits from the list below or other courses chosen in consultation with the Math Department advisor. The elective courses are not limited to the list below. Students should contact the Math Department the eligibility of any course with an adequate math or statistics component to count as an elective in this group. CHMY 371 Physical Chemistry-Quantum Chemistry/Spectroscopy CHMY 373 Physical Chemistry-Kinetics/Thermodynamics 3	SOCI	319	Statistics for Sociologists	3				
STAT 492 Independent Study PSYX 222 Psychological Statistics PSYX 223 Research Design and Analysis I PSYX 320 Research Methods III PSYX 321 Research Methods III Lab PSYX 499 Senior Thesis 3 Group B *M 171 Calculus I OR *M 161 Survey of Calculus Group B Electives: Choose 0-6 credits from the list below or other courses chosen in consultation with the Math Department advisor. The elective courses are not limited to the list below. Students should contact the Math Department to confirm the eligibility of any course with an adequate math or statistics component to count as an elective in this group. CHMY 371 Physical Chemistry-Quantum Chemistry/Spectroscopy CHMY 373 Physical Chemistry-Kinetics/Thermodynamics 3	SOCI	499	Senior Thesis/Capstone	3				
PSYX 222 Psychological Statistics 3 PSYX 223 Research Design and Analysis I 3 PSYX 320 Research Methods III 3 PSYX 321 Research Methods III Lab 1 PSYX 499 Senior Thesis 3 **M** 171 Calculus I OR *M** 161 Survey of Calculus **Group B Electives: Choose 0-6 credits from the list below or other courses chosen in consultation with the Math Department advisor. The elective courses are not limited to the list below. Students should contact the Math Department to confirm the eligibility of any course with an adequate math or statistics component to count as an elective in this group. CHMY 371 Physical Chemistry-Quantum 3 Chemistry/Spectroscopy CHMY 373 Physical Chemistry-Kinetics/Thermodynamics 3	*STAT	141	Introduction to Statistical Concepts	3				
PSYX 223 Research Design and Analysis I 3 PSYX 320 Research Methods III	STAT	492	Independent Study	1-3				
PSYX 320 Research Methods III Lab 1 PSYX 321 Research Methods III Lab 1 PSYX 499 Senior Thesis 3 *M 171 Calculus I 3-4 OR *M 161 Survey of Calculus *Group B Electives: Choose 0-6 credits from the list below or other courses chosen in consultation with the Math Department advisor. The elective courses are not limited to the list below. Students should contact the Math Department to confirm the eligibility of any course with an adequate math or statistics component to count as an elective in this group. CHMY 371 Physical Chemistry-Quantum Chemistry/Spectroscopy CHMY 373 Physical Chemistry-Kinetics/Thermodynamics 3	PSYX	222	Psychological Statistics	3				
PSYX 321 Research Methods III Lab 1 PSYX 499 Senior Thesis 3 *M 171 Calculus I 3-4 OR *M 161 Survey of Calculus Group B Electives: Choose 0-6 credits from the list below or other courses chosen in consultation with the Math Department advisor. The elective courses are not limited to the list below. Students should contact the Math Department to confirm the eligibility of any course with an adequate math or statistics component to count as an elective in this group. CHMY 371 Physical Chemistry-Quantum Chemistry/Spectroscopy CHMY 373 Physical Chemistry-Kinetics/Thermodynamics 3	PSYX	223	Research Design and Analysis I	3				
PSYX 499 Senior Thesis 3 Group B *M 171 Calculus I OR *M 161 Survey of Calculus Group B Electives: Choose 0-6 credits from the list below or other courses chosen in consultation with the Math Department advisor. The elective courses are not limited to the list below. Students should contact the Math Department to confirm the eligibility of any course with an adequate math or statistics component to count as an elective in this group. CHMY 371 Physical Chemistry-Quantum Chemistry/Spectroscopy CHMY 373 Physical Chemistry-Kinetics/Thermodynamics 3	PSYX	320	Research Methods III	3				
Group B *M 171 Calculus I OR *M 161 Survey of Calculus Group B Electives: Choose 0-6 credits from the list below or other courses chosen in consultation with the Math Department advisor. The elective courses are not limited to the list below. Students should contact the Math Department to confirm the eligibility of any course with an adequate math or statistics component to count as an elective in this group. CHMY 371 Physical Chemistry-Quantum Chemistry/Spectroscopy CHMY 373 Physical Chemistry-Kinetics/Thermodynamics 3	PSYX	321	Research Methods III Lab	1				
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OR *M 161 Survey of Calculus Group B Electives: Choose 0-6 credits from the list below or other courses chosen in consultation with the Math Department advisor. The elective courses are not limited to the list below. Students should contact the Math Department to confirm the eligibility of any course with an adequate math or statistics component to count as an elective in this group. CHMY 371 Physical Chemistry-Quantum Chemistry/Spectroscopy CHMY 373 Physical Chemistry-Kinetics/Thermodynamics 3		171	Calandra I	2.4	1		<u> </u>	
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CHMY 371 Physical Chemistry-Quantum Chemistry/Spectroscopy CHMY 373 Physical Chemistry-Kinetics/Thermodynamics 3								
Chemistry/Spectroscopy CHMY 373 Physical Chemistry-Kinetics/Thermodynamics 3				_				
CHMY 373 Physical Chemistry-Kinetics/Thermodynamics 3	J							
CSCI 111A Programming with Java I 4	CHMY	373		3				
	CSCI	111A	Programming with Java I	4				

CSCI	246	Discrete Structures	4		
CSCI	320	Numerical Methods	4		
M	172	Calculus II	4		
Any M 200-level or above			3-4		
PHSX	232	Physics II and Thermo	3		
PHSX	343	Modern Physics	3		

Total minimum credits required for minor

20

Certain courses in this program have prerequisites; students should check the course descriptions in the General Bulletin for required prerequisites.

^{*} May satisfy General Education requirements.