MICHIGAN STATE UNIVERSITY APPLICATION FOR INDEPENDENT STUDY

NAME:			DATE:
PID: LEVEL:	First CLASS:	Middle Initial MAJOR:	CUMULATIVE GPA:
COURSE: ANS 490 / ANS 890		SECTION: 001	CREDITS: ³
SEMESTER: FS18			
Number of Independent Study credits to be earned this semester:		Total of prior Independent St	udy credits:
DESCRIPTION (Subject matter, purport many quantitative traits, including in particular production of plants and animals, disease.)	•		on is pervasive in nature, it can be found among individuals in populations of virtually all life forms. with how the heritable (genetic) part of quantitative trait variation originates, dynamically changes,
pass on to next generations. This is important for genetic improvem	ent of food animals and crops	development of diagnosis and treatments of gene	tic diseases, and understanding evolution. This lecture-based independent
study course covers the basics of quantitative genetics and is high	ghly recommended for stude	ints who seek advanced and/or professional stud	dies in genetics and employment opportunities in the breeding industry.
2. RATIONALE (Why independent stu materials. However, the subject is i		egulai course:/	no other courses at MSU covers the same er study and employment opportunities.
3. PREPARATION (Relevant course wo		•	
Students with prior preparation in	n genetics (mo	lecular or quantitative, a	ny level, e.g. ANS314) and statistics
·		<u>_</u>	However, all necessary background
knowledge will be reviewed in le	ecture and furt	her references will be pr	rovided.
4. WORK TO BE COMPLETED			
(a) Type and amount of reading,	writing, lab worl	k, etc. Class meets M W F fro	om 4:10 - 5:00 PM. Room to be determined.
There will be weekly quizzes and	I homework as	signments. A mid term a	nd a final exam will be administered.
Students will be evaluated base	d on performa	ince in quizzes, homewo	orks, and exams.
(b) Estimated contact hours per week with instructor: 3			submitting work luation:
(d) Evaluation procedure:			
STUDENT'S SIGNATURE			PHONE
		APPROVALS	
Instructor Signature	Date		
Academic Advisor	Date		
Chairperson, Department Offering Course	Date		