UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 2

---REQUIREMENTS---
Fall 2010

Faculty Senate Approved November 30, 2010

The requirements listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All changes are underlined. Deletions are crossed out. The column to the far right indicates the date each change becomes effective.

Heading	Proposal		Effective Date
Animal Sciences, <u>New Option in Animal Management</u>	**Animal Management Degree Program** (120 Hours) At least 40 of the total hours required for the bachelor's degree in this program must be in 300-400-level courses.		**8-11**
	First Year		
	First Term	Hours	
	A S 101	3	
	A S 180	1	
	Chem 101 [P] or 105 [P] (GER)	4	
	GenEd 110 [A] (GER)	3	
	Math 107 or 140 [N] (GER)	4	
	Second Term	Hours	
	A S 178 or 280	1	
	Biol 106 [B] (GER)	4	
	Chem 102 [P] or 106 [P](GER)	4	
	ComSt 102 [C] or H D 205 [C] (GER)	3	
	Engl 101 [W] (GER)	3	
	Second Year		
	First Term	Hours	
	A S 172 or 174	1	
	Acctg 230	3	
	Biol 107 [B] (GER)	4	
	GenEd 111 [A] (GER)	3	
	Arts & Humanities [H,G], Intercultural Studies[I,G,K], or Social Sciences [S,K] (GER)	3	
	Second Term	Hours	

B Law 210	3	
A S Elective	3	
Arts & Humanities [H,G] (GER)	3	
EconS 101 [S] (GER)	3	
Stat 212 [N] (GER)	4	
Complete Writing Portfolio		

Third Year

First Term	Hours
A S 260, 274, 285, or 346	3
A S 313	4
A S 330	3
A S 380	1
A S 399	1
EconS 350	3

Second Term	Hours
A S 314, 345, or 360	3
A S 350	3
A S 351	1
Engl 301 [W] or 402 [W] (GER)	3
Intercultural Studies [I, G, K] (GER)	3
VMS 361	3

Fourth Year

First Term	Hours
A S 399 or 499	3
A S 440 or 488 [M]	3
A S 454	2
A S 464 or 472 [M]	3
Ag Sciences Elective	3

Second Term	Hours
A S 408, 473, or 474 [M]	3
A S Upper-Division Elective	3
Tier III Course [T] (GER)	3
Electives	6

Animal Sciences, Revise graduation requirements in Pre-Vet Med/Science Option	**Pre-Veterinary Medicine/Science Degree Program** (121 Hours) At least 40 of the total hours required for the bachelor's degree in this program must be in 300-400-level courses. **First Year** First Term — Hours A S 101 — 3 A S 180 — 1 Chem 105 [P] (GER) — 4 ~~Engl 101 [W]~~ GenEd 110 [A] (GER) — 3 Math 107~~, 140 [N], 171 [N], 201 or 202 [N] (GER)~~ — ~~3 or~~ 4 Second Term — Hours ~~Arts & Humanities [H,G] (GER)~~ — ~~3~~ Biol 106 [B] (GER) — 4 Chem 106 [P] (GER) — 4 ~~ComSt 102 [C], or H D 205 [C] or~~ Engl 101 [W] (GER) — 3 Math 140 [N] (GER) recommended or Elective — 4 **Second Year** First Term — Hours A S 172 or 174 — 1 Biol 107 [B] (GER) — 4 Chem 345 — 4 ~~Phys 101 [P]~~ ComSt [C] or H D 205 [C] (GER) — ~~4~~3 GenEd ~~110 [A] or~~ 111 [A] (GER) — 3 Second Term — Hours A S 178 or 280 — 1 Arts & Humanities [H,G] ~~or Social Sciences [S,K]~~ (GER) — 3 ~~Intercultural Studies [I,G,K] (GER)~~ — ~~3~~ MBioS 301 — 4 ~~EconS 101 [S]~~Stat 212 [N] (GER) — ~~3~~4 VMS 361 — 3 Complete Writing Portfolio **Third Year** First Term — Hours A S 285 or 346 — 3	**8-11**

Course	Hours
A S 313	4
~~Engl 402 [W] (GER)~~ A S 330	3
~~Stat 212 [N] (GER) or 412¹~~ A S 380	~~3 or4~~1
EconS 101 [S] (GER)	3
~~Electives²~~	~~6~~

Second Term	Hours
A S 314, 345 or 360	3
A S ~~330~~ 350	3
A S ~~350~~ 351	~~3~~1
~~A S 351~~ MBioS 303	~~1~~4
~~A S 360~~ Engl 301 [W] or 402 [W] (GER)	3
~~V An 308~~ Intercultural Studies [I, G, K] (GER)	3

Fourth Year

First Term	Hours
A S ~~380~~ 440 or 488 [M]	~~1~~3
A S ~~408 [M]³~~ 464 or 472 [M]	3
~~A S 441~~ Arts & Humanities [H,G], Intercultural Studies[I,G,K], or Social Sciences [S,K] (GER)	~~1~~3
~~A S 440~~ Phys 101 [P] (GER)	~~3~~4
~~MBioS 303~~ Elective	~~4~~3
~~Elective²~~	~~3~~

Second Term	Hours
A S ~~466, 468, 472, 474, 476, or478³~~ 408, 451, 473, or 474 [M]	3
~~Elective²~~ A S 499	~~9~~1
Biol 324 or V An 308	4
Tier III ~~Capstone~~ Course [T] (GER)	3
Elective	3

~~**Footnotes**~~
~~¹ Take Stat 212 unless math proficiency GER has been taken.~~
~~² Suggested electives: A S 205, 285, 366, 451, 452, 454, 488, MBioS 303.~~
~~³ Some courses offered fall or spring term only.~~

Animal Sciences, revise graduation requirements in Joint Program in Animal Science and Vet Med Option	**Joint Program in Animal Sciences and Veterinary Medicine** (95 103 Hours) In order to meet the increasing demand for food-animal veterinarians, the Department of Animal Sciences and the College of Veterinary Medicine have created a combined program designed to train selected, highly qualified students to earn both a Bachelor of Science in Animal Sciences and a Doctor of Veterinary Medicine degree within a seven-year program. Students will take a three-year animal science program, completing all General Education Requirements, the animal sciences core and pre-veterinary medicine requirements. This program includes mathematics; chemistry, including organic and biochemistry; general biology; physics; and the core of animal sciences courses, including an introduction to farm animals; then further education in animal feeds and nutrition, breeding and genetics, reproduction and the economics of animal production management. Students will then enter the College of Veterinary Medicine and complete the requirements for total hours and 300-400-level hours before earning the BS in Animal Sciences. Students will continue the curriculum, leading to the DVM degree after a total of seven years of college work. Students will enter the university under normal procedures and must be advised in the Department of Animal Sciences. Qualified students will be invited to apply for the program. A high scholastic achievement and the promise of the same and demonstrated experience and interest in working with farm animals will be the primary criteria for initial invitation. Selected students will be identified and invited to apply for the AS-DVM program in after the second semester of the first year. Students would then declare animal sciences as a major in the first semester of the sophomore year and enter the joint program in that year. The procedures for acceptance into the DVM program will be the same as those for other applicants. Successful participants will complete the three-year animal sciences program and begin the veterinary medicine curriculum in their fourth year of study. A 3.0 or higher grade point average for the first year and a 3.5 gpa upon completion of the third year will be required for the program. If the student is not accepted or withdraws from the AS-DVM program, the student could earn the BS in Animal Sciences and/or apply to the College of Veterinary Medicine under normal procedures. Fourth-Seventh Years Those students finishing all required classes would complete only the DVM curriculum from this point on. , with the exception of V MS/A S 414. Students who still need either A S 406 or 408 would enroll in one of those in lieu of V MS/AS 414. If two 400-level animal production courses (A S 466, 472, 474, 476, or 478) were not completed, then students would enroll in one of them. Students will receive the BS in Animal Sciences upon successful completion of at least 120 credit hours and the final two 400-level A S classes. Most students will meet these requirements after one year of the DVM program. Successful completion of the College of Veterinary Medicine program will earn the Doctor of Veterinary Medicine.	**8-11**

First Year

First Term	Hours
A S 101	3
A S 172, 174, or 180 178	1

~~Biol 106 or GER~~ A S 180	~~3 or 4~~1
Chem 105 [P] (GER)	4
~~Engl 101 [W] (GER) or GER~~ GenEd 110 [A] (GER)	3
Math 107 or ~~171~~ 140 [N] ~~, or(~~GER)	~~3~~4
Second Term	Hours
~~A S 176, or 178~~	~~1~~
~~Arts & Humanities [H,G] or Intercultural Studies [I,G,K]~~ ~~GER~~	~~3~~
Biol 106 ~~or 107~~ [B] (GER)	4
Chem 106 [P] (GER)	4
ComSt 102 [C] or H D 205 [C] (GER	3
Engl 101 [W] (GER)	3
GenEd 111 [A] (GER)	3
Second Year	
First Term	Hours
A S Elective	3
~~GenEd 110 [A]~~ Arts & Humanities [H, G] (GER)	3
Biol 107 [B] ~~MBioS 301 or~~ (GER)	~~3 or~~ 4
Chem 345	4
Intercultural Studies [I, G, K] (GER)	3
Second Term	Hours
~~A S 330~~ MBios 301	~~3~~4
~~A S 350, 351~~ EconS 101 [S] (GER)	~~4~~3
~~GenEd 111 [A]~~ Arts & Humanities [H,G], Intercultural Studies[I,G,K], or Social Sciences [S,K] (GER)	3
Stat 212 [N] (GER)	4
~~Phys 101 [P] (GER)~~ V An 308	4
Complete Writing Portfolio	
Third Year	
First Term	Hours
A S 313	4
A S ~~466, 472, or 478 [M]~~ 330	3
~~Engl 402 [W] (GER)~~ A S 380	~~3~~1
~~GER~~ A S 440, 464, 472, or 488 [M]	3
EconS 350	3
MBioS 303	4

	Second Term Hours	
	A S ~~380~~ 350 ~~1~~3	
	A S ~~408~~ 351 ~~3~~1	
	A S ~~466, 474, or 476~~ 408, 473, or 474 [M] 3	
	~~EconS 350~~ A S 499 3	
	~~GER~~Phys 101 [P] (GER) ~~3~~4	
	Tier III [T] (GER) 3	
	* See the department for the requirements for years four through seven.	
Animal Sciences, Drop Option	**Drop Option in Production Management**	**8-11**
Animal Sciences, Drop Option	**Drop Option in Industry**	**8-11**

Heading	Revised Schedules of Studies – Finished Text	Effective Date
Animal Sciences, Revise graduation requirements in Pre-Vet Med/Science Option	**Pre-Veterinary Medicine/Science Degree Program** (121 Hours) At least 40 of the total hours required for the bachelor's degree in this program must be in 300-400-level courses. **First Year** First Term — Hours A S 101 — 3 A S 180 — 1 Chem 105 [P] (GER) — 4 GenEd 110 [A] (GER) — 3 Math 107 — 4 Second Term — Hours Biol 106 [B] (GER) — 4 Chem 106 [P] (GER) — 4 Engl 101 [W] (GER) — 3 Math 140 [N] (GER) recommended or Elective — 4 **Second Year** First Term — Hours A S 172 or 174 — 1 Biol 107 [B] (GER) — 4 Chem 345 — 4 ComSt [C] or H D 205 [C] (GER) — 3 GenEd 111 [A] (GER) — 3 Second Term — Hours A S 178 or 280 — 1 Arts & Humanities [H,G] (GER) — 3 MBioS 301 — 4 Stat 212 [N] (GER) — 4 VMS 361 — 3 Complete Writing Portfolio **Third Year** First Term — Hours A S 285 or 346 — 3 A S 313 — 4	8-11

	A S 330 3 A S 380 1 EconS 101 [S] (GER) 3 Second Term Hours A S 314, 345, or 360 3 A S 350 3 A S 351 1 Engl 301 [W] or 402 [W] (GER) 3 Intercultural [I, G, K] (GER) 3 MBioS 303 4 **Fourth Year** First Term Hours A S 440 or 488 [M] 3 A S 464 or 472 [M] 3 [H, G, I, K or S] (GER) 3 Phys 101 [P] (GER) 4 Elective 3 Second Term Hours A S 408, 451, 473, or 474 [M] 3 A S 499 1 Biol 324 or V An 308 4 Tier III Capstone (GER) 3 Elective 3	
Animal Sciences, revise graduation requirements in Joint Program in Animal Science and Vet Med Option	**Joint Program in Animal Sciences and Veterinary Medicine** (103 Hours) In order to meet the increasing demand for food-animal veterinarians, the Department of Animal Sciences and the College of Veterinary Medicine have created a combined program designed to train selected, highly qualified students to earn both a Bachelor of Science in Animal Sciences and a Doctor of Veterinary Medicine degree within a seven-year program. Students will take a three-year animal science program, completing all General Education Requirements, the animal sciences core and pre-veterinary medicine requirements. This program includes mathematics; chemistry, including organic and biochemistry; general biology; physics; and the core of animal sciences courses, including an introduction to farm animals; then further education in animal feeds and nutrition, breeding and genetics, reproduction and the economics of animal production management. Students will then enter the College of Veterinary Medicine and complete the requirements for total hours and 300-400-level hours before earning the BS in	**8-11**

Animal Sciences. Students will continue the curriculum, leading to the DVM degree after a total of seven years of college work.

Students will enter the university under normal procedures and must be advised in the Department of Animal Sciences. Qualified students will be invited to apply for the program. A high scholastic achievement and the promise of the same and demonstrated experience and interest in working with farm animals will be the primary criteria for initial invitation. Selected students will be identified and invited to apply for the AS-DVM program after the second semester of the first year. Students would then declare animal sciences as a major in the first semester of the sophomore year and enter the joint program in that year. The procedures for acceptance into the DVM program will be the same as those for other applicants. Successful participants will complete the three-year animal sciences program and begin the veterinary medicine curriculum in their fourth year of study. If the student is not accepted or withdraws from the AS-DVM program, the student could earn the BS in Animal Sciences and/or apply to the College of Veterinary Medicine under normal procedures.

Fourth-Seventh Years

Those students finishing all required classes would complete only the DVM curriculum from this point on. Most students will meet these requirements after one year of the DVM program. Successful completion of the College of Veterinary Medicine program will earn the Doctor of Veterinary Medicine.

Below is an example program of study for this option. The actual program will be developed by the student and his or her academic advisor.

First Year

First Term	Hours
A S 101	3
A S 172, 174, or 178	1
A S 180	1
Chem 105 [P] (GER)	4
GenEd 110 [A] (GER)	3
Math 107 or 140 [N] (GER)	4

Second Term	Hours
Biol 106 [B] (GER)	4
Chem 106 [P] (GER)	4
ComSt 102 [C] or H D 205 [C] (GER	3
Engl 101 [W] (GER)	3
GenEd 111 [A] (GER)	3

Second Year

First Term	Hours

A S Elective	3	
Arts / Humanities [H, G] (GER)	3	
Biol 107 [B] (GER)	4	
Chem 345	4	
Intercultural [I, G, K] (GER)	3	

Second Term	Hours
MBios 301	4
EconS 101 [S] (GER)	3
[H, G, I, K, or S] (GER)	3
Stat 212 [N] (GER)	4
V An 308	4
Complete Writing Portfolio	

Third Year

First Term	Hours
A S 313	4
A S 330	3
A S 380	1
A S 440, 464, 472, or 488 [M]	3
EconS 350	3
MBioS 303	4

Second Term	Hours
A S 350	3
A S 351	1
A S 408, 473, or 474 [M]	3
A S 499	3
Phys 101 [P] (GER)	4
Tier III [T] + Diversity [D] (GER)	3

* See the department for the requirements for years four through seven.