### Suggested Curriculum

#### Fall of First Year
- Horse Behavior and Welfare ........................................ ANS 225  2 cr.
- Fundamentals of Horsemanship ................................... ANS 140  2 cr.
- Introductory Horse Management .................................. ANS 242  3 cr.
- Farm Management I .................................................. ABM 130  3 cr.
- Technical Math (or waive) ......................................... AT 071  2 cr.
- Agriculture Communications (or waive) ....................... AT 045  2 cr.
- Microcomputers ...................................................... CSS 110  2 cr.

**Total Credits** ........................................................................................................... 14-16 cr.

#### Spring of First Year
- Introductory Judging of Horses .................................... ANS 200D  2 cr.
- Fundamentals of Horse Training or Horsemanship II Section 002 .......... ANS 146  2-3 cr.
- Horse Management Placement Seminar ........................ ANS 147  1 cr.
- Horse Management Clerkship at MSU Farm ..................... ANS 149  2 cr.
- Principles of Livestock Feeding .................................... ANS 203  2 cr.
- Livestock Physiology ................................................ ANS 295  2 cr.
- Electives ........................................................................... 2-3 cr.

**Total Credits** ........................................................................................................... 13-15 cr.

#### Summer of First Year or Spring of Second Year
- Placement Training/Internship ..................................... AT 293  6 cr.
- Or possibility of Show Horse Training, ANS 142

#### Fall of Second Year
- Horse Farm Management .......................................... ANS 240  3 cr.
- Horse Nutrition and Feeding ........................................ ANS 243  2 cr.
- Horse Exercise Physiology ........................................... ANS 245  2 cr.
- Draft Horse Basics or Young Horse Handling or Horse Training .......... ANS 14  2-3 cr
- Horse Selection and Judging II (other options) ..................... ANS 300D  1-2 cr.
- Agribusiness and Food Industry Sales (other options) .............. ABM 222  3 cr.
- Forage Crops (other options) .................................... CSS 201  3 cr.

**Total Credits** ........................................................................................................... 13-14 cr.

**Program Total** ........................................................................................................ 48 cr.

---

For More Information Contact Camie Heleski: (517) 355-8427 or Heleski@msu.edu
http://iat.msu.edu/
www.msuarabians.com
Description of Horse Related Coursework

ANS 140 Fundamentals of Horsemanship
Safe horse handling skills. Riding skills. Riding aids ad working with the horse at the beginner, intermediate or advanced level.

ANS 140 Horsemanship II (section 002)
Continuation of principles learned in ANS 140. Admittance by instructor approval.

ANS 142 Horse Training for Competition
Training techniques to prepare horses for competition. Exhibiting horses. Requires instructor approval. Summer.

ANS 225 Horse Behavior & Welfare
Principles of horse behavior. Training philosophy. Horse welfare issues

ANS 146 Fundamentals of Horse Training
Training and preparing an untrained horse for showing. Sale preparation. Admittance by instructor approval.

ANS 147 Horse Management Placement Seminar
Securing a placement training experience. Writing a resume.

ANS 149 Clerkship at MSU Horse Farm
Management of a working horse farm. Feeding, reproduction, facilities maintenance, and daily management skills.

ANS 200D Introductory Judging of Horses

ANS 240 Horse Farm Management
Integration of principles and skills into a farm management system. Managerial qualities, goal setting, facilities management. Health programs.

ANS 242 Introductory Horse Management Principles of horse management. Reproduction, nutrition, herd health, genetics, economics, marketing.

ANS 243 Horse Nutrition and Feeding
Nutrient requirements of the horse, selection ad evaluation of feedstuffs, balancing diets by hand and by computer, pasture management.

ANS 245 Horse Exercise Physiology
Horse body systems, physiology of exercise and conditioning programs. Goals of various conditioning programs. Common ailments of sport horses.

ANS 300D Horse Selection and Judging II
Evaluation of functional characteristics of horses. Represent MSU in intercollegiate competition. Field trips required.

Electives:
AT 291 Spanish
ANS 148 Methods of Instructing Horsemanship
ANS 141 Draft Horse Basics