Production Management Option

NAME __________________________

*** 120 Total Hours Required for Graduation ***
45 hours must be at the 300 level or above

GENERAL COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Catalog Number</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASI 101</td>
<td>265</td>
<td>Intro Org &amp; BioChem</td>
<td>5</td>
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</table>

BIOGENETICS

<table>
<thead>
<tr>
<th>Course</th>
<th>Catalog Number</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>BIO 290</td>
<td>520</td>
<td>Principles of Feeding</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 320</td>
<td>210</td>
<td>Human Resource Mgmt</td>
<td>3</td>
</tr>
<tr>
<td>CHM 110</td>
<td>350</td>
<td>Money &amp; Banking</td>
<td>3</td>
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<tr>
<td>COMM 105</td>
<td>325</td>
<td>Intro to Statistics</td>
<td>3</td>
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<tr>
<td>ENGL 100</td>
<td>340</td>
<td>Biometrics I</td>
<td>3</td>
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<tr>
<td>ENGL 200</td>
<td>350</td>
<td>Business Econ Stat</td>
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BUSINESS & ECONOMICS

<table>
<thead>
<tr>
<th>Course</th>
<th>Catalog Number</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>ACCTG 231</td>
<td>400</td>
<td>Ag Bus Comm</td>
<td>3</td>
</tr>
<tr>
<td>AGEC 308</td>
<td>311</td>
<td>Bus Prof Speaking II</td>
<td>3</td>
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<tr>
<td>AGEC 202</td>
<td>321</td>
<td>Intro to Prof Writing</td>
<td>3</td>
</tr>
<tr>
<td>AGEC 220</td>
<td>510</td>
<td>Written Comm for Sci</td>
<td>3</td>
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<tr>
<td>AGEC 315</td>
<td>110</td>
<td>Mass Comm in Soc</td>
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COMMUNICATIONS

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<tbody>
<tr>
<td>AGCOM 400</td>
<td>321</td>
<td>Pub Prof Speaking II</td>
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<tr>
<td>COMM 311</td>
<td>510</td>
<td>Intro to Prof Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 516</td>
<td>516</td>
<td>Written Comm for Sci</td>
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HUMANITIES/SOCIAL SCIENCE

<table>
<thead>
<tr>
<th>Course</th>
<th>Catalog Number</th>
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<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ECON 110</td>
<td>311</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
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</table>

K-STATE 8 REQUIREMENTS

- Each student must successfully complete credit-bearing courses/experiences to cover all of the K-State 8 areas.
- A minimum of four different course prefixes (e.g., AGEC, MATH, FSHS, COMM) must be represented.
- When a course is tagged for two K-State 8 areas, the student may count that course toward both areas.

Agriculture

<table>
<thead>
<tr>
<th>Course</th>
<th>Catalog Number</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASI 102</td>
<td>318</td>
<td>Prin Animal Science</td>
<td>3</td>
</tr>
<tr>
<td>ASI 318</td>
<td>320</td>
<td>Fund of Nutrition</td>
<td>3</td>
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<tr>
<td>ASI 400</td>
<td>500</td>
<td>Farm Animal Repro</td>
<td>3</td>
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<tr>
<td>ASI 500</td>
<td>510</td>
<td>Animal Breeding Prin</td>
<td>3</td>
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<tr>
<td>ASI 533</td>
<td>580</td>
<td>Career Preparation</td>
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Animal Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Catalog Number</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ASI 105</td>
<td>350</td>
<td>Meat Science</td>
<td>3</td>
</tr>
<tr>
<td>ASI 361</td>
<td>405</td>
<td>Meat Animal Processing</td>
<td>2</td>
</tr>
<tr>
<td>ASI 640</td>
<td>305</td>
<td>Fund of Food Processing</td>
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</table>

Animal Mgmt- Select 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Catalog Number</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASI 515</td>
<td>520</td>
<td>Comp Animal Mgmt</td>
<td>3</td>
</tr>
<tr>
<td>ASI 521</td>
<td>535</td>
<td>Horse Science</td>
<td>3</td>
</tr>
<tr>
<td>ASI 524</td>
<td>621</td>
<td>Dairy Cattle Mgmt</td>
<td>3</td>
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<tr>
<td>ASI 645</td>
<td>305</td>
<td>Poultry Management</td>
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</table>

Upper Level ASI Electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Catalog Number</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASI 516</td>
<td>399</td>
<td>Animal Mgmt</td>
<td>3</td>
</tr>
</tbody>
</table>

UNRESTRICTED ELECTIVES

<table>
<thead>
<tr>
<th>Course</th>
<th>Catalog Number</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
</table>

Animal Sciences & Industry

Kansas State University

College of Agriculture
**Communications Courses:**
- Ag Communications – AGCOM 310, 400, 410, 590, 610 & 712
- Animal Sciences & Industry – ASI 326, 420, 470, 495
- Communications – COMM any course 311 or higher
- English – ENGL 300, 417, 510, & 516

**Business/Economics Courses:**
- Accounting - ACCTG 231 to 799
- Agricultural Economics – AGEC 202 to 420, 445 to 799
- Economics - ECON 505 to 799
- Entrepreneurship – Any course
- Family Studies – PFP 105, PFP 305

**Humanities/Social Science Courses:**
- American Ethnic Studies – AMETH 160 to 501
- Anthropology – Any course
- Architecture – ARCH 301
- Art – Any course
- Dance – DANCE 120 to 200, 225 to 420, 495 to 690
- Engineering – DEN 325, 450
- Economics - ECON 300 to 799
- English – ENGL 150, 210 to 299, 310, 320 to 399, 420 to 499,
  536 to 599, 605 to 660, 670 to 695, 700 to 760, 790 to 799
- Environmental Design – ENVD 250, 251
- Family Studies and Human Services – Any course
- Geography – GEOG 100, 200, 201, 300 to 799 NOT 321

**Ag Courses:**
- Ag Communications – Any course
- Ag Economics – Any course
- Ag Technology Management – Any course
- Agronomy – Any course
- ASI 660 – Study Abroad

**Communications Courses:**
- Entomology – Any course
- Food Science – Any course
- Grain Science – Any course
- Horticulture – Any course

**Upper Level ASI Electives**
Minimum of 12 hours with 9 hours ≥ 500, no more than 6 hours may be taken from ASI 561, 599, 660, ASI 661.

**English Courses:**
- ASI 310 Poultry and Poultry Product Evaluation
- ASI 315 Livestock and Meat Evaluation
- ASI 325 Beginning Horse Evaluation
- ASI 326 Advanced Horse Evaluation
- ASI 333 Equine Enterprise Management
- ASI 345 Beginning Horse Training and Mgmt
- ASI 350 Meat Science
- ASI 361 Meat Animal Processing
- ASI 370 Principles of Meat Science
- ASI 385 Wool Grading and Evaluation
- ASI 395 Intermediate Horse Training & Mgmt
- ASI 396 Dairy Cattle Judging
- ASI 401 Farm Animal Reproduction Laboratory
- ASI 402 Calving
- ASI 403 Foaling
- ASI 404 Lambing
- ASI 405 Fundamentals of Milk Processing
- ASI 420 Advanced Dairy Cattle Judging
- ASI 422 Livestock Sales Management
- ASI 444 Equine Health
- ASI 445 Advanced Horse Training and Mgmt
- ASI 450 Principles of Livestock Selection
- ASI 470 Form and Function in Livestock
- ASI 495 Advanced Meat Evaluation
- ASI 502 Principles of Equine Reproductive Mgmt
- ASI 504 Equine Reproduction Management
- ASI 512 Bovine Reproductive Technologies
- ASI 515 Beef Science
- ASI 520 Companion Animal Management
- ASI 521 Horse Science
- ASI 524 Sheep and Meat Goat Science
- ASI 535 Swine Science
- ASI 540 Principles of Animal Disease Control
- ASI 561 Undergraduate Research in ASI
- ASI 595 Contemporary Issues in Animal Sci and Ag
- ASI 598 Bioscience Internship in Animal Science
- ASI 599 Animal Science Internship
- ASI 600 Applied Animal Biotechnology
- ASI 601 Endocrinology and Lactation
- ASI 602 Equine Breeding and Genetics
- ASI 608 Dairy Foods Processing & Technology
- ASI 610 Processed Meat Operations
- ASI 620 Beef Systems Management
- ASI 621 Dairy Cattle Management
- ASI 635 Gamebird Production and Management
- ASI 640 Poultry Products Technology
- ASI 645 Poultry Management
- ASI 650 ID and Data Mgmt of Food Animals
- ASI 655 Behavior of Domestic Animals
- ASI 658 Animal Growth and Development
- ASI 660 International Study Exp in Animal Science
- ASI 661 Animal Sciences and Industry Problems
- ASI 662 Special Topics in Animal Science
- ASI 675 Monogastric Nutrition
- ASI 676 Avian Nutrition
- ASI 677 Companion Animal Nutrition
- ASI 678 Equine Nutrition
- ASI 679 Swine Nutrition
- ASI 680 Ruminant Nutrition
- ASI 681 Dairy Cattle Nutrition
- ASI 682 Formulation of Livestock and Poultry Diets
- ASI 683 Grazing Livestock Nutrition
- ASI 684 Nutrition of Feedlot Cattle
- ASI 685 Stored Forage Sys for Rum Animals
- ASI 695 Principles of Equine Exercise Physiology
- ASI 710 Physiology of Repro in Farm Animals
- ASI 720 Anaerobic Bacteriology
- ASI 741 Quant Genetics Appl of Matrix Algebra
- ASI 742 Cybersheep: A Genetic Simulation Game
- ASI 749 Advanced Animal Breeding
- ASI 776 Meat Industry Technology
- ASI 777 Meat Technology
- DMP 610 Feedlot Health Systems
- DMP 611 Cow/Calf Health Systems

**General Agriculture – GENAG 450**
- Journalisn & Mass Communications – MC 112, 120 & 180
- Marketing - MKTG 542
- Modern Language – Any course in foreign language
- Finance - Any course
- Management - Any course
- Management Information Systems – Any course
- Marketing - Any course
- History – Any course
- Leadership Studies – Any course 320 or above
- Modern Language – Any foreign language
- Music – Any course
- Philosophy – Any course
- Psychological Science – Any course
- Psychological Sciences – Any course
- Sociology – Any course
- Social Work – Any course
- Theater – Any course
- Gender, Women & Sexuality Studies – Any course

One course cannot be used to fulfill multiple requirements; must select ASI electives not used elsewhere in curriculum.