KANSAS STATE UNIVERSITY | Animal Sciences and Industry

Bachelor of Science in Animal Sciences and Industry
Management & Industry Degree

General Education (GE) Courses*			34-35
Systemwide GE Framework			**34-35**
	3 Hours	English *-Includes ENGL 100*	3
	3 Hours	English *-Includes ENGL 200 or 210*	3
	3 Hours	Communications *-Includes COMM 106, 109, or 322*	3
	3 Hours	Mathematics & Statistics *-Recommended: MATH 100*	3
	4-5 Hours	Natural & Physical Sciences *-Recommended: CHM 110 + 111*	4-5
	6 Hours	Social & Behavioral Sciences† *-Recommended: AGEC or ECON 120*	6
		Social & Behavioral Sciences†	
	6 Hours	Arts & Humanities	6
		Arts & Humanities	
	6 Hours	Institutionally Designated *-At K-State, these include the first 100- and 200-level courses, such as ASI 100 or GENAG 200 not applied to other GE Framework Areas*	6

Major Support Courses†‡			38
	4 Hours	BIOL 198 – Principles of Biology	4
	4 Hours	CHM 110 + 111 – General Chemistry or higher	4
Major Concentration Courses (Select from course lists on back)			**15**
	3 Hours	**Block A:** Agriculture course(s) Must be at 300+ level	3
	6 Hours	**Block B:** Business courses At least 3 hours at 300+ level *-Recommended: AGEC or ECON 120 to also meet Social & Behavioral Sci Area*	6
	6 Hours	**Block C:** Applied and foundational science courses	6
Major Specialization Courses (Select from course list on back)			**15**
	15 Hours	**Block D:** Specialization courses At least 7 hours at 300+ level *-Recommended: COMM 120 or MC 110 and ENGL 251 or a foreign language to also meet the Arts & Humanities Discipline Area*	15

Unrestricted Electives *(may be up to 23 depending upon those used as GE requirements)*	2-4

Animal Science Courses‡			44-45
Animal Science Foundations			**0-1**
	0-1 Hour	Select from ASI 101 (first year) or 301 (transfer students)	0-1
Animal Science Core Courses			**19**
	ASI 102	Principles of Animal Science	3
	ASI 105	Animal Sciences & Industry Lab	1
	ASI 106	Dairy Lab	0.5
	ASI 107	Companion Animal Lab	0.5
	ASI 108	Poultry Lab	0.5
	ASI 109	Horse Lab	0.5
	ASI 150	Domestic Animal Anatomy	3
	ASI 202	Animal Nutrition	3
	ASI 300	ASI Career Preparation	1
	ASI 400	Farm Animal Reproduction	3
	ASI 595	Contemporary Issues in Animal Science & Agriculture	3
Animal Science Concentration Courses			**13**
	3 Hours	***Animal Products Block*** Select from ASI 350, 361, 405, 601, 640, or 695	3
	4 Hours	***Breeding & Genetics Block*** Select from ASI 500+501 or 511	4
	6 Hours	***Animal Management Block*** Select from ASI 515, 520, 521, 524, 535, 621, and 645	6
Animal Science Specialization Courses			**12**
	12 Hours	Specialization courses in ASI Must be at the 300+ level	12
Applied Learning Experience			
			Total Hours 120

*Alternate courses may be used for these requirements if a student completes the entire 34-35 hours of Systemwide General Education Framework at a different KS Board of Regents institution.

†If ECON 120 or AGEC 120 is used to meet degree requirements, the other may not be used.

‡Any ENGL, COMM, MATH, or STAT hours used to fulfill this requirement or block must be in addition to hours used in the English (6), Communications (3), and Mathematics & Statistics (3) Discipline Areas required within the Systemwide General Education Framework. A 100- or 200-level course used to fulfill this requirement or block may be used to simultaneously meet this requirement and fulfill the Natural & Physical Sciences (4-5), Social & Behavioral Sciences (6), Arts & Humanities (6), and Institutionally Designated (6) Discipline Areas required within the Systemwide General Education Framework; in this case, the remaining hours shift to unrestricted electives to meet the requirement for 120 total hours.

Social & Behavioral Sciences Courses*

Select at least two courses from two subjects to total 6 hours from the [K-State Core Course List](). These include:

Subject	Courses
AMETH	160, 200, 204, 210, 220, 260, 315
ECON	110, 111, 120‡
CRIM	361
GEOG	100, 200, 201
GWSS	105, 275
HDFS	110, 350
POLSC	110, 111, 115, 135, 145, 155, 250
PSYCH	110, 115, 202, 280, 290
SOCIO	211, 214, 360, 361
SOCWK	100, 200

Arts & Humanities Courses*

Select at least two courses from two subjects to total 6 hours from the [K-State Core Course List](). These include:

Subject	Courses
ARAB	101, 102
ART	102, 103, 106, 180, 190, 195, 196, 200
CHINE	101, 102
CLSCS	105
COMM	120, 210, 260
CZECH	101
DANCE	120, 165, 171, 181, 205
ENGL	224, 227, 230, 231, 233, 234, 251, 253, 260, 270, 280, 285, 287, 295, 297, 298, 298, 355, 381, 382, 461
FREN	101, 102, 103
GREEK	101, 102
GRMN	101, 102, 222
HINDI	101, 102, 201
HIST	102, 105, 106, 111, 112, 151, 152, 155
ITAL	101, 102, 105
JAPAN	101, 102, 299
LATIN	101, 102
MC	110
MLANG	100, 106, 110, 200, 280, 297, 298
MUSIC	100, 103, 104, 111, 112, 113, 114, 115, 116, 117, 118, 121, 129, 130, 131, 135, 140, 160, 170, 171, 172, 173, 208, 209, 210, 211, 212, 213, 214, 220, 230, 231, 245, 248, 249, 250, 251, 254, 255, 280, 281
PHILO	100, 105, 112, 115, 120, 125, 130, 135, 140, 145, 150, 160, 215, 230, 297, 298
RUSSN	101, 102, 250
SPAN	101, 102, 110, 300
SWAH	101, 102, 201, 202
THTRE	211, 212, 235, 260, 261, 265, 268, 270, 280, 300, 361, 368

Specialization Elective Departmental List

Courses outside of ASI must be LAB, LEC, REC, RSH, or STD

Block A – Agriculture Course(s)

Any course(s) numbered ≥ 300 from the following prefixes: AGCOM, AGEC, AGED, AGRON, ENTOM, FDSCI, FOR, GENAG, GRSC, HORT, PMC, PLPTH, UFS, WOEM

Block B – Business Course(s)†

Any course(s) from the following prefixes: ACCTG, AGEC, BUS, ECON, ENTRP, FINAN, LEAD, MANGT, MIS 366, MKTG, STAT§

Block C – Applied & Foundational Science Course(s)†

ASI	210, 290, 533, 540, 560, 561, 600, 601, 658, 675, 680, 695
AGRON	120, 121, 205, 206, 251, 260, 330, 335, 360, 380, 462, 490, 660, 661, 681
BIOCH	110, 111, 265, 266, 521, 522, 571
BIOL	255, 303, 330, 401, 410, 435, 441, 442, 450, 461, 462, 500, 501, 511, 513, 515, 520, 521, 529, 530, 541, 542, 543, 544, 545, 546, 580, 604, 609, 640, 642, 670, 671, 675, 676
CHM	230 or 231, 350, 351, 371, 372, 500, 531, 532, 545, 550, 551, 566, 585, 595, 596
DMP	313, 314, 610, 611, 650, 690, 691, 710, 725, 726, 754, 770
ENTOM	305, 306, 312, 399
FDSCI	202, 305, 501, 530, 600, 601, 625, 627, 628, 649, 690, 695
FNDH	400, 412
GRSC	312, 500, 602, 620, 645, 650, 661
HORT	201
MATH	150, 151, 160, 205, 210, 211, 215, 216, 220, 221, 222
PHYS	113 or 213, 114 or 214
PLPTH	610
STAT	STAT 325 or 340 or 350, 341 or 351 or 491, 510, 511, 701, 703

Block D – Specialization Course(s)†

At least 7 hours must be numbered at ≥ 300

Any of the following courses or prefixes: ASI, ACCTG, AGCOM, AGEC‡, AGED, AGRON, ANTH 315, ANTH 383, ARAB, ATM, BIOCH, BIOL, BUS, CHINE, CHM, CC, CIS, CLSCS, CMST, COMM, CYBR, DMP, ECON‡, ENGL, ENSCI, ENTOM, ENTRP, DIGME, FDSCI, FNDH, FINAN, FREN, GENAG, GENBA, GEOG 360, GEOG 460, GRAD 740, GRSC, GRMN, HIST 557, HORT, IDFS, ITAL, JAPAN, KIN 110, KIN 312, LATIN, LEAD, MANGT, MATH, MC, MIS, MKTG, MLAS, MPH, PFP, PHIL 365, PHILO 565, PHYS, PMC, PSYCH 370, PSYCH 470, SALES, SOCIO 363, SOCIO 507, SOCIO 533, SOCIO 536, SPAN, STAT, WOEM

Applied Learning Experience

The ASI major has a long history of commitment to experiential learning and recognizing the importance of student learning outside the conventional classroom. Each student must enroll in at least one course designated as an applied learning experience to earn a B.S. degree in Animal Sciences & Industry. To qualify, experiences must emphasize verbal or written communication, professional and ethical behavior, application of advanced animal science knowledge, critical thinking, and problem-solving. Potential examples, include participation in a competition team, undergraduate research project, internship, or study abroad experience. Contact an academic advisor for a list of pre-approved courses or how to request approval for your own experience.