

Oklahoma Master Cattleman Curriculum Summary¹

Beef Cattle Manual Chapter	Core Credit Hours	Elective Credit Hours	Possible Substitution ^a	Quiz Requirements (√ = yes)
Business Planning and Management Minimum of 4 credit hrs				
3, Ranch Business Planning and Management	1		IFMAPS Financial Plan – 3 credit hrs Quicken Workshop – 2 credit hrs	√
4, Analyzing Financial and Production Performance	1		SPA Workshop – 4 credit hrs	√
5, Leasing Arrangements in a Beef Cattle Enterprise		1		√
6, Business Organization and Tax Considerations		1		√
7, Economic Considerations in Disaster Management				√
Elective options: Business planning exercise (Ch. 3) Leasing exercise (Ch. 5) IFMAPS Financial Plan Quicken Workshop		1.75 1 3 2		
Marketing and Risk Management Minimum of 4 credit hrs				
9, Beef Cow-Calf Marketing	1			√
10, Value-Added Marketing Opportunities	1			√
2, Beef Industry Issues and the Future		1		√
8, Livestock and Forage Insurance Options		1		√
Packer/Feeder Game aka Fed Cattle Market Simulator, http://agecon.okstate.edu/fcms/		2		

¹ Quiz from appropriate chapter must be passed even if a core presentation substitute is used.

Genetics and Reproduction				
If the group chooses a Cow/calf enterprise emphasis, 4 hrs from this discipline are required. If the group chooses a stocker cattle emphasis, no hrs from this discipline are required and 4 hrs of additional electives are available.				
20, Body Condition Scoring	1			√
27, Management of Effective Mating and Crossbreeding Systems	1			√
29, Development of Replacement Beef Heifers	1			√
30, Management Considerations for Bulls	1			√
25, Performance Recording Guidelines		1		√
26, Expected Progeny Differences		1		√
28, Genetics in the Genomics Era		1		√
31, Synchronizing Heats in Beef Cows and Heifers		1		√
32, Artificial Insemination		1		√
33, Embryo Transfer		1		√
34, Choosing a Calving Season		1		√
35, Calving Time Management for Beef Cows and Heifers		1		√
Elective option: OBI Bull Test Sale and Catalog OK Steer Feedout/NF		1 1		
Natural Resources				
Minimum of 4 credit hrs				
11, Grazing Management	1			√
41, Waste Management	1			√
12, Hay Production, Storage and Feeding		1		√
13, Small Grain Forage Management		1		√
14, Fire and Livestock Production		1		√
40, Cattle Handling and Working Facilities Design		1		√
43, Livestock Mortality Management		1		√
Elective options: Grazinglands Management (Ch. 11) Hay Production, Storage and Feeding (Ch. 12) Small Grain Forage Management (Ch. 13)		0.5 0.5 0.5		

Nutrition and Management				
Minimum of 4 credit hrs				
16, Nutrient Requirements of Beef Cattle	1			√
17, Nutritive Value of Feeds	1			√
21, Supplementing Beef Cows	1			√
22, Supplements and Feeding Calves and Stocker Cattle	1			√
15, The Ruminant Animal		1		√
18, Alternative Feeds		1		√
19, Vitamin and Mineral Nutrition of Grazing Cattle		1		√
23, Supplementation of Stocker Cattle on Small Grain Forage		1		√
24, Preconditioning Nutrition and Management		1		√
Animal Health and Quality Assurance				
Minimum of 4 credit hours				
36, Herd Health	1			√
44, Beef Grading Standards	1		OK Steer Feedout or NF Retained Ownership Program – 2 credit hrs	√
45, Beef Quality Assurance	1		Beef Quality Summit – 3 credit hrs	√
37, Internal Parasite Control		1		√
38, External Parasites on Beef Cattle		1		√
39, Implants and Their Use in Beef Cattle Production		1		√
40, Cattle Handling and Working Facilities Design		1		√
41, Waste Management		1		√
42, Biosecurity		1		√
^a Hours accumulated by completing these projects or programs substitute for the one credit hour associated with the same Beef Cattle Manual Chapter. If the topic is the same as one of the core chapters, only one core credit hour can be earned. Additional hours earned are considered elective hours. Additional core substitutions or elective hour substitutions are possible as long as the activity is approved for credit and the associated quiz is successfully completed.				