

# APPLIED SUSTAINABLE RANCHING PROGRAM



## 2018–2020 Schedule for Course Work

Course and Module	Course Date	Credits	Instructor
<b>First Year Program</b>			
<b>ASUR 1010 Residency Week—Ranch tours</b>	August 27–31, 2018	2	Gillian Watt
<b>ASUR 1040 Applied Skills and Diversification</b>	September 4–November 25, 2018	10	
Berries and Small Fruits			Gillian Watt
Fencing			Keith Jones
Stock Dog Training and Equip Maintenance			Lorne Landry/Lynn Bonner
Stockmanship/Low Stress Cattle Handling & Ranching Skills Competition			Kurt Pate
Vegetables, Landscape Hortic.			Gillian Watt
Pasture Poultry and Pork			Gillian Watt
Greenhouse Production			Gillian Watt
On Farm Processing/Farm Store			Gillian Watt
Investigating Viability: Conducting on Farm Research			Catherine Tarasoff
Development and Implementation of Farm/Ranch Safety Plan			Gillian Watt
Humane Animal Care & Market Revelance			John Church
Designing Fences, Handling Systems and Flights Zones			John Church
<b>ASUR 1020 Business Enterprise</b>	February 4–April 12, 2019	10	
Business Strategy			Gillian Watt
Enterprise Accting & Financial Management			Gillian Watt
Finance (structuring your asset needs)			Gillian Watt
Marketing and Logistics			Gillian Watt
Human Resources and seasonal staff			Gillian Watt
Balancing family and ranch—foundations for succession			David Zirnhelt
Land Resources—BC Governance, Aboriginal Rights and Title			David Zirnhelt
Communication, conflict resolution and crisis management			Dan Miller
<b>ASUR 1030 Environmentally Sustainable Ranching</b>	April 23–July 12, 2019	10	
Biodiversity			Tom Dickinson
Wildlife interactions and Predators			David Zirnhelt
Soil Health			Shel Myers
Practical Applications of Bulding Soils with Organics			Rob Borsato
Watershed & Riparian Systems			Lee Hesketh
Invasive Species			Bob Drinkwater
Range Ecology			TBA
Grazing Management			TBA
Urban Agriculture Interface			David Zirnhelt
Medicinal Plants and Traditional Use Areas			Cecilia Derose/Brenda Walkem
3 year range and pasture plan for entire ranch and grazing lands			Gillian Watt

## 2018–2020 Schedule for Course Work

Course and Module	Course Date	Credits	Instructor
<b>Second Year Program</b>			
<b>ASUR 2010 Beef Production</b>	September 3–October 13, 2019	6	
Nutrition Through the Life Cycle			Grant Huffman
Herd Health			Ty Johnson
Genetics and Breeding Management			Ty Johnson
Conventional Marketing Options and Industry Organizations			Ty Johnson
Grass-fed Beef Finishing, Processing and Sales Enterprises			Gillian Watt
<b>ASUR 2020 Sheep (and Goat) Production</b>	October 15–November 24, 2019	6	
Facilities, Breeds and Overview of Targetted Browsing Industry			Gillian Watt/Jeanette Hall
Flock Nutrition			Woody Lane/G Watt
Flock Health and Parasitology			Stephanie Krumsiek/G Watt
Goats as an enterprise for Biological Weed Control			Conrad Lindblom/G Watt
Enterprise Analysis—Grass-fed Lamb Finishing, Processing and Sales			Gillian Watt
Field Trip to Avaley Ranch and Predator Verification Training			Gillian Watt
<b>ASUR 2030 Winter Feed Production</b>	January 13–February 23, 2020	5	
Role of Forage in Sustainable Food Production			Greg Tegart
Plant Growth and Responses to Defoliation			Greg Tegart
Harvesting and Storage Methods			Greg Tegart
Irrigation System Design and Use			Greg Tegart
Soil Health and Fertility			Greg Tegart
Stand or Crop Renovation and Pasture Management			Greg Tegart
<b>ASUR 2040 Soft Adventure and Agri-Tourism</b>	March 2–April 12, 2020	5	
Introduction to Tourism			Peter Larose
Marketing			Peter Larose
Product Development and Experience Creation			Peter Larose
People and Communications in Tourism			Peter Larose
Tourism Business Strategy			Peter Larose
Applied Project			Peter Larose
<b>ASUR 2050 Final Project —Business and Operations Plan</b>	April 20–May 31, 2020	6	Gillian Watt